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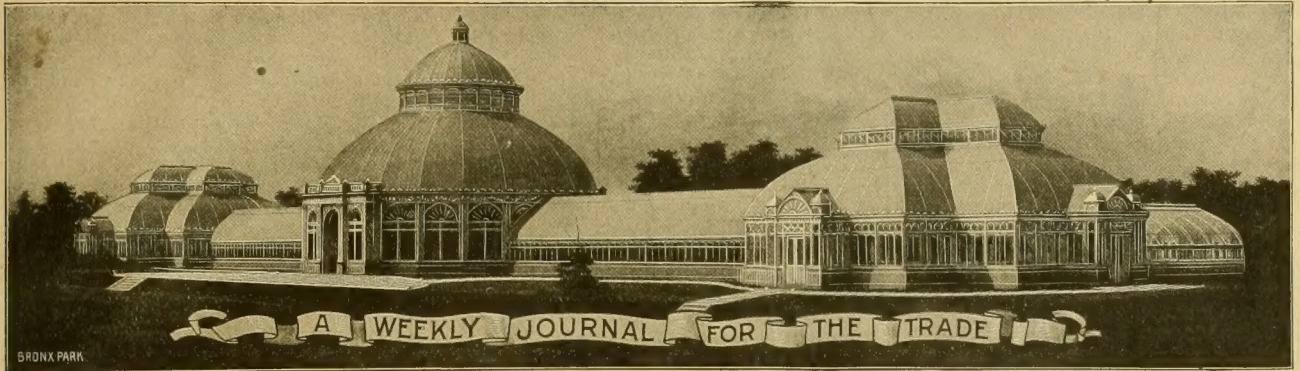
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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVI.

CHICAGO AND NEW YORK, JANUARY 22, 1916.

No. 1442

THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACRORIE, San Francisco,
Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; WM.
F. KASTING Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
delphia, Pa., March 25-April 2. For premium
list and all other particulars address JOHN YOUNG,
53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., January 26-27, 1916. JOS. H. HILL,
Richmond, Ind., President; J. F. AMMANN, Ed-
wardsville, Ill., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held
at New York, September 24-26, 1915. Officers:
RICHARD VINCENT, JR., White Marsh, Md., Presi-
dent; JOSEPH J. LANE, 11 West Thirty-Second
Street, New York, Secretary; F. R. AUSTIN,
Tuckerton, N. J., Treasurer.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHAINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary.

SUGGESTIONS FOR PLANT GROWERS.

Seeds for Present Sowing.

There are a number of plants that
in order to obtain the best stock it is
necessary that the seeds be sown dur-
ing January. *Centaurea gymnocarpa* is
slow in making its growth and to have
nice plants for edging the beds of
geraniums and other plants an early
start is required. *Vinca rosea* should
be sown in January to obtain a good
blooming stock at planting time. *Lo-
belias* should be sown by February 1
that fine stock plants may be had. If
it is proposed to reset the smilax beds
next year this is the time to get the
seed started. *Begonia Vernon* and
the other summer blooming varieties,
if sown early, make fine plants by
May, full of flowers. *Gloxinias* and
tuberous begonias can be sown at
this time and blooming plants had for
the coming summer. Many growers
have given up the propagation of ver-
benas from cuttings and depend upon
seedlings and to have a nicely
branched plant by June 1 the seed
should be sown the last of January.
Another useful border plant is *Pyreth-
rum aureum* (golden feverfew) and
this should be sown early to get good
sized plants at bedding out time.
There are not many cannas these
days, grown from seed, but anyone in-
tending to grow them in that man-
ner should sow the seeds in January.
These seeds will germinate much more
readily and evenly if soaked in water
for 24 hours before planting. *Aspara-
gus plumosus* and *A. Sprengeri* should
be sown now when there is good heat
in the greenhouses, and these seeds,
like the cannas, start much more even-
ly if soaked.

Spiraeas.

The spiraeas are always a very use-
ful plant at Easter, but they are
classed among the cheaper plants at
that time, so should be grown in such
a way that they do not occupy valu-
able space any more than necessary.
They should be brought into a cool
house by the middle of January and
until the foliage begins to grow can
be placed along the edge of the walks

if room is not available, but they must
not be left standing in this location
too long, for when the leaves begin
to unfold they quickly draw toward
the light and a plant growing to one
side of the pot will be the result. So
as soon as growth starts they should
be placed on the bench in full light.
They can be grown quite close to-
gether for some time, but when the
foliage begins to touch that of the
plants beside it they should be spaced
out and given room enough for the
plants to grow shapely. Spiraeas re-
quire a large quantity of water during
their entire culture, especially those
that are potted in as small a pot as
possible, which is the general custom
with all growers. To make the large
specimens, two or three clumps are
planted in the same pot when started.
These will make large plants for
church decorations at Easter. If the
plants are grown in a house which is
to be fumigated by tobacco smoke
they should either be removed from
the house or well covered with pa-
pers; the foliage quickly burns when
subjected to tobacco smoke and the
plants are blemished.

Cyclamens.

"What can we do with the old cy-
clamen plants?" is a question often
asked by many growers. As a rule
the answer is, "Throw them away,"
for a plant can be grown to a 6-inch
or 7-inch pot size in 16 months. That
is, seed sown in September will pro-
duce such a plant for Christmas the
following year, and it is uncertain
how the old plants will carry through
the spring and summer. There is a
limited demand for cyclamen plants
in larger sizes than 7-inch pots and
they must of necessity bring a good
figure to make them remunerative.
After they are through blooming the
best way to handle them is to shake
the old soil out and pot them up in
fresh soil, two parts loam, one part
well rotted manure and one part leaf
mold, with a good sprinkling of sharp
sand. If the soil is inclined to be
heavy and sticky add more sand. They

can frequently be potted in a pot a size smaller than that in which they have been growing. Place them in a cool temperature, that is, in a house from 45° to 50° at night, so as to encourage root action and slow growth. It used to be the custom to dry the bulbs off so that they lost all their foliage, and start them in the spring, but growers have found that our springs and summers are too hot and dry and it is often difficult to make the bulb, after it has been dried off, break a good luxuriant foliage, and it is far better to keep the plant growing all the time. As the warm, sunny days of spring come on, the plants should be slightly shaded and as early as possible placed in cold frames and the glass shaded. The shade should not be made too heavy or the leaves will become drawn and an unshapely plant be the result. After the plants have begun to grow care should be taken that they do not become pot bound, but shifted into large sizes as soon as necessary. The watering of this stock will require constant study and attention. They should never become too dry and it is very easy to over-water, so they will require looking after very closely until a good growth has been encouraged.

Begonia Gloire de Lorraine.

For the large plants for next winter's flowering we are placing the cuttings in the propagating bench now. The plants were selected before Christmas and strong, healthy specimens taken for propagation. The flowers were removed and the plants given a warm location that the best vigor might be maintained. Any leaf showing blemish is discarded, only clean, healthy leaves being used from which to raise the young stock. A warm propagating bed is chosen for these plants and the stems are inserted in the sand deep enough so that about half an inch of the leaf is below the surface. They are kept moist and warm until they are rooted, when they are potted in 2½-inch pots and placed in a warm house and shifted along as required. This may seem a trifle early by many growers to start the propagating of these plants, but there is always demand for some large specimens and fine leaves are obtainable at this time and they root easily during January and February when the propagating bench is warm. The plants will require considerable care and attention during the heated spell of July and August, but with plenty of ventilation and a light shade, they are easily kept moving and make fine plants for the holidays.

SYRACUSE, N. Y.—The Syracuse Gardens Co., which filed a petition in bankruptcy last November, will have a hearing January 24. Leonard T. Haight, of this city, has been appointed trustee.

SAN ANTONIO, TEX.—The Gran Quivira has been incorporated by P. L. Jackson, Harold Kayton and Russell C. Hill, its object being to assist the Battle of Flowers Association in the parade on San Jacinto day.

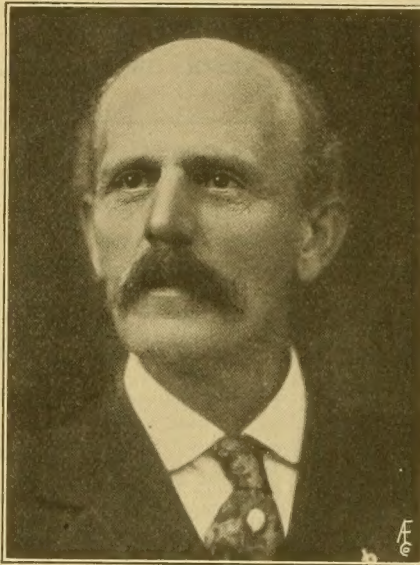
LITTLE ROCK, ARK.—Fire which originated in the heating plant destroyed the home and damaged the greenhouse of Herman Meyer, College street Florist. The loss is over \$2,000, partly covered by insurance.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Cold Wave at Fort Smith, Ark.

A cold wave which visited Fort Smith, Ark., January 12, destroyed many flowers in that city, probably the heaviest individual loss being sustained by George Rye, who suffered damage to the extent of about \$500. At the greenhouses the gas pressure was not sufficient to keep the houses warm and about 4,000 narcissi, 350 lily plants and a number of seedlings were killed. At the retail establishment on the Plaza fires were kept going all night and all of the stock was saved. A drop of 65 degrees in six hours was recorded.



Charles L. Baum, Knoxville, Tenn.

Appointed Director of the S. A. F. by President MacRorie.

The Fourteenth of February.

In the general preparedness for St. Valentine's day all the last year's left over stock of hampers, boxes, arrows, motto cards, etc., have been brought forth and put in the best possible shape. The novelty stock of the supply houses is gone over and selections made of things that have merit.

A heart-shaped basket in reddish gilt, with small gilt arrows tied to the handle, made quite a hit last season—it was very effective when filled with red roses. Heart-shaped hamper baskets fill nicely, the addition of small gilt arrows giving a finishing touch. The gilt arrows in various sizes is good stock, as they can be attached to bouquet, box of flowers or plant, with appropriate ribbons and emphasize the fact that they convey a gift from St. Valentine. Heart-shaped boxes are very appropriate and almost necessary for the corsage bouquets and bunches of violets. A great variety of cupids and gilt paper arrows are available, which can be attached to ribbons or stuck on boxes or baskets; they are not expensive and are well worth their cost in effectiveness. Boxes of cut flowers of all kinds are appropriate and are given the special significance of the day by the addition of any of

the above-named articles. Pussy willows are now in season and suggest an air of spring to almost any combination. They arrange especially well with daffodils.

Any well-flowered plant, such as an azalea, cyclamen, primula, pot of daffodils, etc., makes good valentine material when nicely papered and finished with the necessary decorations of the day. Small outline hearts in various sizes, mapped with red frieze similar to the miniature Christmas auto wreaths, are very unique and make an appropriate and fitting decoration in themselves. They can be trimmed with small sprays of red and silvered or gilt ruscus, red ribbons, and small gilt hearts. They are effective as table ornaments; also tied in boxes or baskets of flowers.

The corsage bouquet is the most popular of all arrangements, especially with the young men. Violets for a long time were almost the only flower, but they now have a hard time to hold their own in the race. The orchid sweet peas are now a great favorite, as are the yellow and pink Sweetheart roses. The Mrs. Ward rose also has many admirers, while cattleyas, gardenias and lilies of the valley, together with the various possible combinations, make a large assortment to choose from. The supply houses have in the past year or two added to their stock of corsage ribbons, so that it is possible to get two-toned effects in all shades of color from white to crimson. Quality corsage pins are also a feature that should not be overlooked—a good pin gives a finish and is kept for future use. K.

Shipping and Delivery Labels.

The florist with a shipping and delivery trade is very liable to run out of address labels when business becomes brisk at any special season, and it is well to look into the stock now and order a new supply to cover the busy season close at hand. When there is occasion to use shipping labels they are needed in a hurry, and there is no time to print them. For the purpose of florists, wholesale and retail, there is no more serviceable article than the Red Rose Leaf label adopted by the S. A. F., with the legend "Fresh Flowers" in large white lettering. This is a very attractive label and the size commonly used is 6½x4½ inches. All special sizes can be made according to order. The American Florist Co., 440 South Dearborn street, Chicago, supplies the above size printed in two colors, red and black, on good gummed paper, your business card and the leaf, at \$4.50 per thousand, 500 for \$2.85. This label is known to express and railroad men all over the country and they fully understand the perishable nature of packages bearing this label and deliver them quickly to avoid the costly risk of losses caused by delay.

NEW ORLEANS, LA.—The New Orleans Horticultural Society will hold a flower show in the Auditorium, April 5-8.

TAMPA, FLA.—The Eagle Lake Nurseries will open a branch in this city at 911 Citizens' Bank building. C. J. Edwards will be in charge.

WILLIAMSPORT, PA.—The Williamsport Floral Co. will move its downtown store to 146 West Fourth street, April 1. A greenhouse will be erected at the new location.

Irises for Southwestern Gardens.

The iris or flag, fleur de lis of the French, is one of the oldest and best known of our cultivated flowers. The name "iris" means rainbow and was given to this flower by the Greeks on account of its many and bright colors. It is only within recent years, however, that the iris began to receive the attention from gardeners and florists that it merits. As a result of this, a number of new garden varieties have appeared within a remarkably short time. New garden sorts are not hard to originate since the plants cross or hybridize readily, after which the seedling plants are propagated from the offshoots. For centuries irises have been favorites with the Japanese, whose florists have originated from a single species as many kinds as make up the German iris group which includes several species. Japanese irises are among the finest of this group of flowers, though the writer cannot recommend them for growing in Arizona. Irises are among the few flowers that grow satisfactorily over nearly all of our country.

Botanical characters.—Irises form one of the largest groups of flowers and are among the hardiest of our perennials. There are about 175 species known to botanists, of which more than 100 species, represented by many varieties, are in cultivation. The various strains or garden sorts number many thousands. Irises are native over most of the north temperate zone so that the group is tolerant to a considerable range of growing conditions. There are two very distinct sections of irises, viz., bulbous species, or those growing from bulb-like corms, of which the Spanish iris is an example, and rhizomatous irises or those growing from creeping rootstocks or fleshy rhizomes, the common German iris being a representative. Each of these sections is made up of a number of distinct groups, the members of which require somewhat different treatment in cultivation. Irises are related to orchids, on the one hand, with which flowers they are close rivals in color, and to lilies and amaryllises on the other. Iris flowers are always objects of admiration on account of their size and interesting make-up. Their color display ranges from snow white and delicate yellow to lilac, blue, and the deepest bronze, purple or nearly black with all the intermediate shades and with the most intricate mottled and veined effects.

Adaptability to our conditions and hardiness.—There are few perennial flowers that are more uniformly successful in Arizona, both in our valleys and at higher altitudes, than the iris. The hardier ones can endure aridity and prolong heat and drought, grow with little or much irrigation, thrive in a variety of soils, and even tolerate some alkali. They succeed generally with the most ordinary care. By virtue of their fleshy rootstocks or bulbs wherein they store up food, they are able to tide over unfavorable growing periods with the least attention. On account of their hardiness, adaptability and beauty they should have a place in southwestern flower gardens.

Many of us think of irises as plants requiring much soil moisture, because we recall having seen wild ones growing in water, but this is not true of a large number of them, including such forms as the well known



WEDDING BOUQUET BY GEO. WIENHOEBER, CHICAGO.

Ophelia Roses and Lily of the Valley.

German irises, dwarf irises and Spanish irises. The writer knows of clumps of German irises that have continued growth for several years on dry Arizona mesas with only scant rainfall and the occasional flood water that collected in the basins encircling them. Of course, such plants have not made the best growth, but they have blossomed annually. In the heavy red clay soil in the cemetery of one of the large Arizona mining towns irises are very much planted and succeed beyond all expectations. When established in such soil they grow and blossom year after year, almost without care, and they

have come to be known as "Easter lilies," on account of flowering commonly at that season. The writer knows of no other flower that would succeed so well under the same trying conditions. C. S. Harrison of York, Neb., says of irises: "They are the best drought resisters we have. Last season was very hot and dry, often the burning sirocco winds were blowing fiercely with the mercury soaring above a hundred, and with only two inches of rainfall from May 1, until October 1, and yet we did not lose a plant in 150,000. In digging them in September, the ground was as dry as

an ash heap, but the roots seemed to have gathered and stored the moisture."

Uses in ornamentation.—Irises are used to advantage in many kinds of planting, including massing in beds, setting along borders of walks and drives or in obscure corners, planting against low foundations and fences and naturalizing in woods, along brooks and around lily ponds. They are excellent for formal bedding on account of their habit of growth and stately appearing flowers. Their leaves are smooth and rather thick so that they neither collect dust nor sunscald badly, and at nearly all seasons they appear green and decorative.

Culture of irises.—Irises do best with rather limited attention. In this respect they resemble many wild flowers. They thrive in an average soil not too rich and with reasonable drainage and irrigation. They should have protection against strong winds, at least during the flowering season; and they may have full exposure to the sun, though under our conditions they tolerate considerable shade and hence grow well among other plants or against buildings. The fleshy rhizomes should be planted flat and covered with soil to a depth of about one-half to two-thirds their diameters. They should not be given much moisture until they show signs of growth, particularly if they are dormant or partly dried up, as they may rot. They may be planted out soon after flowering when they begin a new growth, or in the early fall, August to October. Once established, they can be left undisturbed as long as they continue to do well, because, generally, irises resent transplanting and other disturbances of their roots. One may lose a season's flowers by setting them too late or digging about them needlessly. They propagate rapidly from the fleshy rhizomes or bulbs and the excess of these may be removed carefully at the proper times and replanted without disturbing the older plants, or the entire plant may be divided and transplanted once in three or four years. It is not uncommon to see large clumps of irises vigorous and floriferous after seven or eight years' growth. They should have a reasonable supply of soil moisture during their spring growth and flowering season, though in the summer they can get along with very little irrigation, and in fact they seem to do better with a period of rest during our hot weather. Excessive irrigation in summer may cause the bulbs to rot. Spanish irises, and in particular, those from Syria should be allowed to dessicate and bake in summer.

Dwarf irises.—Dwarf irises grow but a few inches high and form dense mats over the surface. These are among the earliest to bloom here, the flowers appearing during March and the first half of April. The colors vary from deep purple and blue to lilac, yellow and pure white, according to the variety. The flowers are always attractive because of their earliness, though rather short-stemmed. *Iris pumila*, with its many varieties, is perhaps the best of the group. Another one of interest is *Iris arenaria*, which thrives in light sandy soils and is more drought resistant than the others. Its flowers are bright yellow striped with purplish-brown below, and it will grow among rocks and also as a potted plant. The rhizomes or rootstocks of this class of irises are slender and

should be planted one to two inches deep.

German irises.—German irises are the ones ordinarily seen in gardens. They are commonly known as flags, the blue or purple ones being "blue flags." They grow to a height of two feet or more and have rather broad leaves. Their rhizomes are short, thick and fleshy. They are hardy and well adapted to southwestern conditions, though they can also withstand many degrees below zero. They represent garden hybrids and crosses of several species and varieties and hence show considerable variation in flower and leaf. The flowers appear in April and May and are large and showy and borne on stout, erect stems which exceeds the leaves. They range in color from nearly black to deep purple, light blue, lilac, bright yellow, and pure white with many intermediate shades. Some of the more attractive ones are



National Flower Show Poster.

Above is Reproduction of Poster, 6½ x 8½ Feet
Face Measurement, in Colors.

deep purple streaked with bronze and yellow. *Iris florentina*, the orris root of commerce, is nearly related to the forms of the German iris. Its flowers are pure white and it gives promise of succeeding well here.

Beardless irises.—These have mostly rather narrow leaves and thinner and less fleshy rhizomes than those of the Germanica group. The outer flower parts or sepals are destitute of a beard or crest. The rhizomes of these should be planted at an angle and somewhat deeper than those that are thick and fleshy. These are mostly tall and strong growing species and thrive with an abundance of water and in rather rich soil. They are splendid for growing about lily ponds and along brooks. The Japanese iris already noted belongs to this group of plants. *Iris siberica*, with blue or white flowers; *Iris pseudacorus*, with yellow flowers, and *Iris orientalis*, with white or yellow flowers, are among the best known and much planted. *Iris versicolor* and *Iris fulva*, native to our own country, also belong here and should be planted more than they are.

Bulbous irises.—These are represented by Spanish and English irises. The bulbs should be planted early in the

fall to depths of two or three inches. They do best in sandy soils with good exposure and the ground should not be enriched with manure. They cannot endure extreme cold in the winter as German irises can, but they are more tolerant to heat and aridity, and after flowering they should not be given much water. They make the best showing when planted closely together in clumps, preferably where they will not need to be disturbed for some time. The bulbs increase rapidly and may be divided and replanted every three or four years. The flowers are characterized by bright and contrasting colors and in most kinds appear in May and June, though the species from Syria and Palestine blossoms as early as February. This class of irises is well suited to our climatic conditions, since its home is in the Mediterranean country. *Iris xiphium* (Spanish Iris), *Iris xiphoides* (English Iris), *Iris filifolia* and *Iris reticulata* with their varieties are among the most popular for planting.

Irises propagate quite rapidly from the roots, and hence a few plants each of a well selected list of varieties will enable one to have a good collection of the flowers in a short time with small outlay. The writer recommends western grown plants for our conditions. The plants may be purchased from almost any reliable seed or plant company and also from nurseries.—J. J. THORNER, Univ. of Arizona Agri. Experiment Station.

Houston Convention Garden.

We present herewith a plan of the Convention garden, which will be a feature of the Houston convention of the Society of American Florists to be held in that city, August 15-17. Plans for the garden are now complete and the beds are ready to receive plantings. All florists, nurserymen and others who have hardy stock to plant are requested to send their reservations to John Young, secretary of the S. A. F., 53 West Twenty-eighth street, New York, who will in turn forward them to C. L. Brock, superintendent of the Houston Convention garden, Houston, Tex. As all hardy plants should be planted not later than April 1, there is little time left to get the planting under way. All exhibitors, who are doubtful about the stock that can be grown in Texas should write either to Superintendent Brock or to R. C. Kerr, vice-president of the Society of American Florists, Houston, Tex., who will advise them what plants will do well in the south. It was at first thought best to publish a list of such plants, but there are so many possibilities of varieties being overlooked and omitted. It was decided to have exhibitors name their varieties, and those in charge of the Convention garden will gladly give the desired information. Mr. Kerr reports that there are few plants that will grow in other climates that will not do well in Texas in the summer.

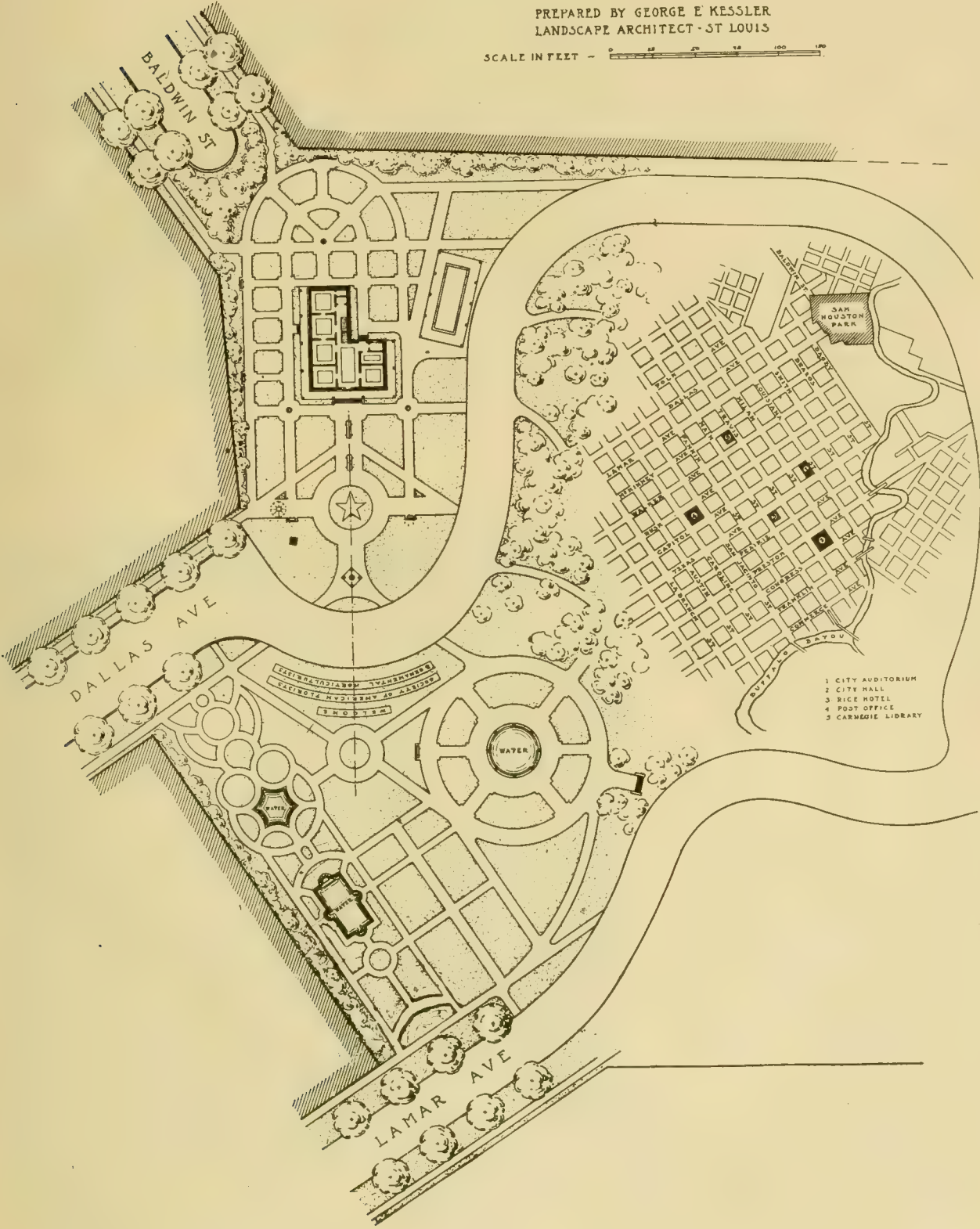
The Convention garden arrangement is shown at the left in the diagram, the space being indicated by the dotted or peppered plots. To show the relative distances from the Rice hotel, Convention hall and the Convention garden, city blocks are shown in the right hand section of the diagram.

CARTHAGE, MO.—Oscar De Graff of Joplin, Mo., has purchased the greenhouses of T. R. Johnson in this city.

CONVENTION GARDEN
SOCIETY OF AMERICAN FLORISTS & ORNAMENTAL HORTICULTURIST
AT
HOUSTON · TEXAS
1916

PREPARED BY GEORGE E KESSLER
LANDSCAPE ARCHITECT · ST LOUIS

SCALE IN FEET - 0 25 50 75 100 125 150



PLAN OF THE HOUSTON CONVENTION GARDEN.

THE ROSE.

Grafting.

As stated in our last article, grafting has become a necessity, in reference to most of the varieties of roses grown under glass, and every well equipped rose range has its grafting case or a house especially adapted to grafting in quantities on the large commercial places, to the little make-shift case on some very small range. We have gone over the work in detail several times in these columns, and there is nothing very novel at this time about the operation of grafting, yet there is always someone breaking into the game, and even now we hear a grower say now and then, that he would like to do his own grafting, but would be afraid he would make a mess of it. I wish to state here, that after many, many years of grafting that any painstaking grower that will attend to the comparatively few details to be met with from beginning to end in the work, as I am about to describe it in this article, can easily get a high percentage strike, and if they once get the "hang" of the thing, the work is not only easy, but very fascinating. To be able to produce a strong, sturdy, rose plant with a 2-year old root on it in a small pot in a few weeks is an interesting, and we think, economical operation, considering the advantages obtained by having your own selected stock for planting, and the responsive habit that all home grafted plants have if handled with any skill at all. So to those that are interested the following suggestion, we trust, will be of some help to them:

To begin, we will go back to our last article, and repeat, that in order to have good, strong, grafted stock it is most important to have good English or Irish Manetti stocks, which are far superior, we think, to the French grown stocks, as the wood is very solid on the former, whereas the wood of the latter is pethy, although they may show a heavier set of roots. So procure your Manettis at once and pot them off in a good stiff rose soil, one part of old well-rotted cow manure to three parts good stiff sod soil, finely screened. They must be potted firmly and care taken that the plants will not jump up in the pots, a sign that the potting soil is too dry, and that the soil was not pressed firmly enough around the roots. Place the potted plants under a carnation bench or in a house where the temperature does not exceed 45 degrees at night, and keep the soil comparatively wet, and the tops sprayed twice a day. A Manetti plant in the proper condition for grafting will show a plumping of the eyes, and on examining the roots they should just show the smallest of white roots breaking from the old roots. When you see this you can start grafting.

The grafting cases, as before stated, should be carefully constructed, and should be located so a partition of an adjoining house to the south will shade the case, yet they will still have plenty of overhead light. No sunlight should ever strike the case or shading placed directly over the sash of the case, for good results. The case can be made of one-inch rough boards. If a leanto case, the front can be 12 inches high, with a one-inch square

strip tacked on the partition wall to support the sash, giving three to four inches fall to the sash in three feet. A case three feet wide will be found a very convenient one to work. The bottom of the case should be drained, leaving a space at least $\frac{1}{2}$ -inch wide between the boards. Place a layer of moss about an inch deep over the bottom of the case, and take great pains in stopping up any crack or knot-hole that will let in any hot air from the bottom heat. Now place a layer of finely screened ashes over the moss and pack it firmly and smoothly, and give it a thorough soaking. Place the sash on the case, and be careful to put a 2-inch strip at the sash joints so as to have lap enough to make a tight joint. Bear in mind the case must be as nearly air-tight as it can be made. Too much ashes in the case will require an excess of bottom heat; too little will cause the scions to wilt from lack of moisture. The above quantity will be found about right. The bottom heat should be enclosed; any good waterproof building paper will answer the purpose, reaching from the case to the walk and the ends can be closed with several thicknesses of cloth of any kind, so it can be easily raised to turn on or off a coil. Place several thermometers in the case and keep them there about 20 feet apart. When you find that the case is capable of holding and keeping a temperature of 75° to 80° in the coldest of weather, you will then have it right. Do not fail to test the case before starting to graft.

Select a place in the house to work at, or a place convenient to the case that will give you room for the help you will use so that each man will have room enough for a box of Manetti, and an empty flat to place the grafts in; a shallow dish filled with clean water always with the chill taken out of the water. Cut the raffia in 12-inch lengths, split each strand once, and moisten it. Each man should have two knives, a heavy one for cutting the Manetti and a budding knife for the scions; both should be kept in keen edge, as it is next to impossible to make a good graft with a dull knife. We now come to the part of the work that requires some courage and that is the selecting of the wood, as only the best of wood should be used. A great many scions can be secured by leaving an extra eye or two on the plants when cutting the flowers, but this seldom gives one enough wood to enable the grafters to fill the case rapidly. So in order to have the best of stock one must snap out the buds as soon as they show color; then in about three or four days the eyes will plump up and the wood is then ready for working. The best grafts are the ones that match up evenly, especially if one is grafting to sell, as they ship with far less breakage. After selecting the wood have a large jar of fresh water and place the stems well down in it or lay on clean newspaper and spray. Then cut the wood into scions, by cutting the stems a quarter of an inch above each eye; this leaves an eye and foliage for each scion. Make a



CARNATION MISS THEO.

New Rose Pink Offered by Littlefield & Wyman, North Abington, Mass.

slanting cut below each eye, about $\frac{1}{2}$ -inch long, no longer, and a similar cut on the Manetti about one inch above the pot. See that the splice fits snugly and that both cuts are of the same length. Take a strand of raffia in the right hand (if right handed) and with the thumb of the left hand,

so much danger of wilting. When placing the plants out on the bench keep all air off the house and shade them for three or four days, allowing them a little early morning and late afternoon sun and increasing the amount each day until they can stand up under good strong sunshine without wilt-

volume of material displayed upon the exhibition tables; and this year, notwithstanding the terrible war that seems to overshadow everything, there was perhaps a larger and more interesting display than ever. This took place in the Royal Horticultural hall, Westminster, September 16, and was remarkably well patronized by the rose-loving public.

The schedule contained over 40 classes and gave full scope to both professional and amateur growers; and ladies had an opportunity of displaying their skill in the table decoration classes. As a rule these autumn displays of roses give an opportunity to the Scottish and North of England rose growers to secure prizes that the southern growers could not hope to win, as the best of their blooms are over at the time of the show. This year, however, the northern men were not allowed to have it all their own way. They met foemen worthy of their steel, not from the southern counties, but from Erin's Isle. The Dicksons from Belfast, Newtownards and Dublin, and the famous McGredys from Portadown, entered the lists, and treating whatever German submarines there may have been in the Irish Sea with contempt, they crossed over from Ireland, and J. Cocker & Sons, of Aberdeen rose fame, went down before the attack of Alexander Dickson & Sons of Newtownards, in the section that was open to the whole trade for an exhibit of 36 blooms of distinct varieties.

Of the novelties, the most remarkable came from Samuel McGredy & Sons. They included a new seedling called Lady Phyllis Moore, a beautiful hybrid tea rose, vigorous and branching in growth, and possessing extra good perpetual qualities. The large white flowers, just tinted with a shade of shell pink in the centre of the pointed buds, were exquisite, and were given a certificate of merit by the society. Tipperary was another grand new hybrid tea rose in fine form, honored in the same way. The flowers are creamy white, suffused with beautiful soft yellow shades in the center. Surpassing these in



CARNATION MISS THEO.

New Rose Pink Offered by Littlefield & Wyman, North Abington, Mass.

hold the scion in place. If the scion is smaller than the Manetti, be sure that the back matches at one side and at the bottom; start wrapping quite firmly the whole length of the splice and let the last wind go around the forefinger that can be lifted now. This will leave a loop; when the finger is withdrawn push the end through the loop thus made, and draw tight and you are ready for the next one.

Practice this tie patiently until you get it to working smoothly before starting on the good wood. Place each box of grafted plants into case as soon as the flats are filled and sprinkle with a fine rose on the can. Close the case as quickly as possible after placing grafts in case. Never put a dry plant in the case. After the case is filled it will require very little attention for the first week or ten days. And the sash should not be lifted or the plants benched unless the foliage becomes dry, then spray over the top and close down quickly. If the foliage becomes dry during the first week this proves that there was not enough moss and ashes used, or that too little water was used on the ashes. In about two weeks the plants should be gone over and the Manetti sprouts removed. Be careful when doing this not to break off the tender growths now coming on the scions. The grafts should remain in the case about four weeks. Do not begin to air until the callous at the splice takes on a brownish color, then start by putting a label, the flat way, under the sash, increasing the air gradually until the sash can be removed or the plants placed on the outside. At the least sign of wilting, the sash should be lowered, spraying the plants with a hand sprinkler first. The first airing is perhaps safer if put on at night and reduced in the daytime as the plants will be braced up without

ing. The young grafts, when first taken out of the case, will require spraying quite frequently, even though shaded. Look out for this and keep the walks wet and the atmosphere damp. E.

Autumn Rose Show in London.

Of late years the English National Rose Society has made great efforts to popularize those varieties of roses that bloom freely, not only during the summer months, but which also continue to throw their blossoms well into the late autumn. Each year there has been an appreciable increase in the number of exhibitors and in the



MCDONALD-HORST SEED & FLORAL CO.'S STORE AT CHRISTMAS.

Plants Grown and Baskets Filled by Otto Horst & Sons, Birmingham, Ala.

beauty, however, were Modesty and Golden Emblem, both of which were awarded a gold medal. Modesty has a fine form, creamy white in color, tinted with yellow in the center, and suffused with pink on the outer petals, while Golden Emblem, as one might expect, has bright golden yellow blooms, magnificent in bud, and washed with a tinge of coppery red in the very center. When full blown the blooms struck me as being a bit too loose and centerless. Nevertheless, it is a fine novelty, and Samuel McGredy & Sons should be proud of having secured four sterling good roses that may bring them still greater fame and wealth. They had several other novelties, but they did not come up to certificate or gold medal standard this time.

Taking the exhibition as a whole the varieties that seemed to stand out conspicuously as good autumn roses were Frau Karl Druschki, which some anti-Teutonic growers have christened Snow Queen (perhaps only till the end of the war), Lady Hillingdon, with its fine buff apricot blooms; Mrs. Herbert Stevens, a delicate pure white; Madame Ed. Heriot, orange and crimson; Mrs. E. G. Hill, deep pink and white; the deep crimson Richmond; the Lyons rose, Mrs. Aaron Ward, a beautiful shell pink; Ophelia, Molly Sharman Crawford, a lovely cream white variety, and Hugh Dickson, deep crimson. There were, of course, many other varieties appealing to the public taste, but I mention only those that seemed to hold their heads somewhat higher than the others for the time of year. The best individual bloom in the show, however, was voted to be Gloire de Chedane Guinoisseau.

Among the trade exhibitors that put up striking groups, mention may be made of B. R. Cant & Sons, and Frank Cant & Co., both of Colchester; W. & J. Brown, Stamford; John Pigg, Royston, Herts, a coming grower at exhibitions in London; Walter Easlea, Leigh on Sea; G. W. Burgh, Peterborough; Geo. Prince, Longworth, Oxfordshire; Chaplin Bros., Waltham Cross; Chas. Turner, Slough; Frank Spooner, Horsell, Woking; John Mattock, Headington, Oxford; Hobbies, Dereham, Norfolk;

Jackman & Sons, Woking; Stuart Low & Co., Bush Hill Park, Enfield; R. Harkness & Co., Hitchin (now managed by one of the McGredys from Ireland); and of course Wm. Paul & Sons from Waltham Cross.

The methods of showing were various. Individual blooms were stuck up in rows on boards in the old fashioned way—still probably the only way that admits of proper judging. A freer style was adopted with most of the other exhibits, and sprays were freely used with bamboo tubes of various lengths and sizes to secure a varied effect. In one case, that of John Pigg of Royston, a very effective exhibit was made with a windmill of Madame Ed. Heriot blooms densely packed together, while the arms of the windmill were masses of Molly Sharman Crawford. In a large number of cases the rose sprays were staged in wicker baskets from 12 to 15 or even 18 inches across. These were stuffed with moss. Tubes holding water were inserted and practically hidden from view and in these the sprays of bloom were placed. They were quite a feature of the show, and obliterated a good deal of that monotony that characterized rose exhibitions of former years.

As an adjunct to the show, a class was made for the display of various forms of rose fruits or "hips". Elisha J. Hicks of Twyford, Berks, and B. R. Cant & Sons, Colchester, took advantage of it, and made a very interesting display of rose hips, in which forms of rugosa and pomifera, were numerous, and those of R. Moyesi, conspicuous owing to their peculiar shape—something like a broad flask tapering to a very narrow neck, and then spreading out into the five starry calyx lobes.

J. W.

American Rose Society.

EXECUTIVE COMMITTEE MEETING.

The executive committee meeting of the American Rose Society was held in New York, January 10, at which time the proof sheets of the Annual for 1915 were carefully gone over. The annual is to be illustrated in colors and to go to every member of the American Rose Society.

The prizes agreed upon for a display rose garden at the coming exhibition in Philadelphia are to be \$500

for the first prize, \$4.00 for the second prize and \$3.00 for the third prize. Forty-one special prizes have been offered for rose prizes beside the regular schedule as follows:

Philip Breitmeyer, Detroit, Mich., \$200.
Emil Buettner, Park Ridge, Ill., \$25.
H. G. Berning, St. Louis, Mo., \$25.
George Burton, Philadelphia, Pa., \$25.
Edward Campbell, Ardmore, Pa., \$10.
Conard & Jones Co., West Grove, Pa., for private growers, \$25.
J. H. Dunlop, Richmond Hill, \$25.
Eugene Dailledouze, Brooklyn, \$25.
Aug. Doemling, Lansdowne, Pa., \$25.
Dingee & Conard Co., West Grove, Pa., \$25.
Wm. H. Elliott, Brighton, Mass., \$25.
Adolph Farenwald, Roslyn, Pa., \$25.
Florex Gardens, North Wales, Pa., for vase of 100 blooms of Mrs. Geo. Shawyer roses, \$25.
Gude Bros., Washington, D. C., \$25.
George B. Hart, Rochester, N. Y., \$25.
Hess & Swoboda, Omaha, Neb., for vase 25 Ophelia or Russell roses, \$10.
Benjamin Hammond, Beacon, N. Y., for prettiest vase of roses to be decided by vote of the ladies, \$10.
Jos. Heacock Co., Wyncote, Pa., \$50.
A. H. Hews & Co., Cambridge, \$10.
E. G. Hill Co., Richmond, Ind., for 50 Ophelia, \$25.
The Joy Floral Co., Nashville, Tenn.
Kroeschell Bros. Co., Chicago, \$25.
Lord & Burnham Co., New York, \$25.
Michigan Cut Flower Co., Detroit, \$25.
S. Mortensen, Southampton, Mass., \$25.
Harry O. May, Summit, N. J., \$25.
Martin & Forbes Co., Portland, \$25.
H. F. Michell Co., Inc., Philadelphia, Pa., for vase 25 cut blooms of American Beauty roses, gold medal.
H. F. Michell Co., Inc., Philadelphia, Pa., for vase 25 cut blooms of Mrs. Charles Russell roses, gold medal.
Michell's Seed House, Philadelphia, Pa., for vase 25 cut blooms of red roses, gold medal.
Waban Rose Conservatories, Natick, Mass., for 50 Mrs. Chas. Russell, \$25.
The Leo. Niessen Co., Philadelphia, for 50 blooms of any new rose not in commerce, \$25.
A. N. Pierson, Inc., Cromwell, \$75.
Pulverized Manure Co., Chicago, \$25.
S. J. Reuter & Son, Westerly, \$25.
M. Rice & Co., Philadelphia, Pa., \$10.
Thomas Roland, Nahant, Mass., \$25.
S. S. Skidelsky & Co., Philadelphia, Pa., \$10.



KNOXVILLE FLORISTS' SOCIETY BANQUET, JANUARY 10.

Robert Simpson, Clifton, N. J., \$25.
Charles H. Totty, Madison, N. J., \$25.
United States Cut Flower Co., Elmira, N. Y., \$25.

Patrick Welch, Boston, Mass., \$25.

A motion will be brought before the annual meeting as to what action it is best to take in regard to renaming all roses carrying established names, and the committee upon the standard length of rose stems for commercial sale will also report at the approaching annual meeting.

The next meeting of the executive committee will be held February 1, in Philadelphia, to go into the details of preparation for the annual show.

BENJ. HAMMOND, Sec'y.

Pittsburgh.

SHORTAGE IN SUPPLY UNRELIEVED.

A most severe cold wave gripped this city and surrounding territory, Saturday, January 15, and is still holding forth, with the mercury loitering around zero. About the only good it has done has been to check the gripe and pneumonia epidemic, which has held forth since New Years. A person without the gripe or pneumonia during this period was considered 'way behind the times, and the way it crippled some of the store forces was unprecedented. The days are still somewhat dark, however, and coupling this with the heavy cold snap, finds the flower market still in bad shape for supplying its trade. The worst sufferers are roses, with sweet peas and lilies next in line. It surely is odd to note the scarcity of narcissi also, and it has been some years since practically unlimited quantities of these flowers could be had at any and all times, but it's a different tale now. Anything that looks like a flower will bring a high price, and there is really no relief from the prevailing scarcity and high prices in sight. Artificial stock has the call these days, although it is against the customs of many dealers to use artificial flowers. Greens of all kinds are very good and plentiful, but flowers would be a lot more useful.

George Marshall, of the McCallum Co., was married Wednesday, January 12, to Miss Jane Thomas, of Charles street, Knoxville. Mr. and Mrs. Marshall quickly left on their honeymoon trip and are now sunning themselves near Jacksonville, Fla. At home after March first, at their new residence, on Alice street, Knoxville.

Mr. Chas. Patton, manager of the reorganized Valley Greenhouse Co., of Sewickley, gives encouraging reports of a growing business, and can always be found on the job hustling.

Wm. Loew has just recovered from a severe attack of gripe, which lasted about two weeks, but is on the job again.

G. M.

Knoxville Florists' Society.

The mid-winter banquet of the Knoxville Florists' Society, an event that has been observed by that organization for a number of years and has been so thoroughly enjoyed that it will doubtless continue to be a feature for many years to come, took place in the Atkin hotel, Knoxville, Tenn., January 10, about 50 members of the society and their friends being present. These annual dinners have proved to be great successes, bringing the trade closer together and creating a feeling of good will among the florists. Among the guests of the society on this occasion, an illustration of which is presented herewith, were John Van Zonneveld, of Sassenheim, Holland, and City Judge Robt. P. Williams of Knoxville, both of whom made interesting addresses.

R. E. MAPES, Sec'y-Treas.

OBITUARY.

Albert McCullough.

Albert McCullough, senior member of the firm of the J. M. McCullough's Sons Co., Cincinnati, O., died at the Christ hospital, that city, January 13, age 64 years. Mr. McCullough's serious illness was noted in our Seed Trade Department last week, but it was not then felt that the end was so close. Upon the completion of his school career Mr. McCullough embarked in the seed business with his father, the late J. M. McCullough. When his father died Mr. McCullough and his brother, J. Charles, assumed charge of the business and later the latter established the J. Charles McCullough Seed Co. Albert McCullough then founded the firm of which he was head at the time of his demise. His paternal grandmother is said to have been the first white girl to have set foot in Cincinnati. At the time of his death he was a director of the Fourth National Bank. He formerly was president and a director of the chamber of commerce. He was a member of the nominating committee the last year. Mr. McCullough held a prominent place in the business life of Cincinnati and was a leader in all movements for its welfare during the past 40 years. While never taking any active part in politics he was twice mayor of Pleasant Ridge, a suburb of the city. He was a familiar figure at the affairs of the Queen City, Hyde Park Golf and Business Men's clubs.

Mr. McCullough always took an active part in the work of the American Seed Trade Association, of which he had been a member since its inception in 1883. He was elected secretary and treasurer at the fourth annual meeting held at Niagara Falls, N. Y., in 1886, serving three years. At the Saratoga convention in 1890 he was elected president and was again chosen for this office at the Chicago convention in 1900. His name appears frequently on committees of the association and he was ever a willing and able worker in the interest of the seed trade. He was considered an authority on grass and farm seeds.

The funeral was held from his residence in Pleasant Ridge, Saturday, January 15. Many of his friends and business associates attended, services being conducted by Rev. W. L. Schmalhorst and Rev. Gervaise Roughton, with interment in the family lot in Spring Grove cemetery. The pallbearers were the nephews of the deceased, Robert O. Strong, A. P. Drake, George McCullough, F. R. McCullough, G. R. Moore and E. E. Lester. Many strikingly beautiful floral tributes were received from local friends and those in distant leading cities. The firm's business establishments were closed January 14 and 15.

Surviving Mr. McCullough are his widow, two daughters, Misses Ella M. and Josephine; a son, Harry B. McCullough, who is secretary and treasurer of his father's firm; a brother, J. Charles McCullough, and one sister, Mrs. M. T. Drake, Palm Beach, Fla.

Abner Branson.

Abner Branson, pioneer settler and proprietor of the New Sharon Nurseries, died January 8, at the Abbott hospital, Oskaloosa, Ia., as a result of several months' sickness with cancer. Mr. Branson was 79 years of age and had been a resident of the state of Iowa since 1853, coming here only seven years after the state had been admitted to the Union. He has been closely connected with the state horticultural work, at one time being

president of the Iowa State Horticultural Society and also an officer of the State Nurserymen's Association. He had been in the nursery business in New Sharon and Oskaloosa, Ia., for a long time and through his efforts has secured much honor for Mahaska county in horticultural circles. As an authority on tree and plant life he was a much sought for and widely known authority and has been connected with the state's leading horticultural societies for many years. His work will be missed throughout the state.

Miss Melissa M. Budlong.

Miss Melissa M. Budlong, 22 years old, daughter of James A. Budlong, the well known rose grower of Auburn, near Providence, R. I., was shot and instantly killed in her home January 17, by C. P. Whittier, aged 21, son of a diamond dealer of Providence, who then turned the revolver on himself and died a few hours later. It appears that the couple had been engaged, but had quarreled and Miss Budlong had returned Whittier's ring. Relatives of the young man say that he was undoubtedly insane. Miss Budlong was an amiable and beautiful young lady and this distressing affair will create a great wave of sympathy and sorrow for the bereaved parents.

John J. Ehrhardt.

John J. Ehrhardt, head of the retail firm of John J. Ehrhardt & Son, 21 Conway street, Brooklyn, N. Y., died January 12, after a week's illness, of erysipelas. He was 49 years old and a native of Brooklyn. His father was a florist and he was reared in the business. He was for 18 years with the late William H. Hall, 37 Conway street, and went into business for himself about three years ago, the store being near Evergreen cemetery. He is survived by a widow, two sons and two daughters. The oldest son will continue the business.

W. B. Du Rie.

W. B. Du Rie, a well known florist and prominent citizen of Rahway, N. J., died there, January 16. He was over 60 years old. He was stricken with paralysis about two years ago and has since been failing. He was for years a member of the New York Florists' Club and was very popular among its members. He was an educated man and had held positions of trust and responsibility in his home town.

PAULDING, O.—Edward Buck has opened a flower shop in this city.

READING, MASS.—A. F. Ellis & Sons have purchased the Wells Street Greenhouses.

GREAT FALLS, MONT.—The Feiden Flower Shop has incorporated with a capital stock of \$10,000.

NEW CASTLE, IND.—The office and store room of the Dawson Greenhouse was destroyed by fire January 14.

WESTERLY, R. I.—Six acres of land, to be devoted to dahlia growing, have been leased by George L. Stillman.

LINCOLN, NEB.—The fifteenth annual meeting of the Nebraska State Horticultural Society was held in this city January 17-22.

SPRINGFIELD, O.—Fire resulting from an overheated smokestack caused damage to the extent of \$150 at the greenhouse of C. P. Bethard, January 7.

AUBURN, N. Y.—After an illness of but a few hours, a paralytic stroke 64 years of age, founder of the firm caused the death of George Dobbs, of Dobbs & Son.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE methods of the National Floral Corporation are exploited in Printers' Ink of January 6.

CHICAGO'S wholesale cut flower trade in 1915 has been estimated at \$2,888,000, against \$2,750,000 in 1914.

THERE has been unusual demand for funeral flowers in most sections since the holidays keeping the supplies short and prices firm.

Carnation Morning Glow Withdrawn.

Edward Winkler, of Wakefield, Mass., advises that he has recently visited two places on which his new carnation, Morning Glow is on trial, and is not satisfied with the way it is doing. While he considers it a profitable variety he is now convinced it is too small to send out and has decided to withdraw it.

Holland Floods.

Following a tidal wave which swept the west coast of the Zuider Zee, January 14, several dikes in the northwest section of Holland have given way and the country in the vicinity of Edam is flooded. Meager first reports caused fear that the floods might extend to the nursery or bulb growing districts, which are located to the south of the inundated area, but from all information at hand, there is no cause for alarm in that section. Haarlem, the nearest of the bulb growing centers to the flooded district, is on higher ground and far enough removed to be out of danger. In the south of Holland heavy rains have been reported, and in the vicinity of Rotterdam especially, the downpour has caused some inconvenience, but no damage has been reported to the nursery stock or bulb crops.

Society of American Florists.

President MacRorie has appointed Thomas H. Joy, Nashville, Tenn., state vice-president for Tennessee, in the place of C. W. Crouch, resigned. The following become members of the executive board by affiliation, as representatives of their respective organizations:

Henry Weston, Hempstead, N. Y., president of the New York Florists' Club.

S. S. Pennock, Philadelphia, Pa., president of the American Rose Society.

Joseph H. Hill, Richmond, Ind., president of the American Carnation Society.

George Burton, Chestnut Hill, Pa., president of the Florists' Club of Philadelphia.

Irwin Bertermann, Indianapolis, Ind., president of the Florists' Telegraph Delivery.

Alex. Henderson, Chicago, president of the Chicago Florists' Club.

Eric James, Elmhurst, Calif., president of the Pacific Coast Horticultural Society.

E. G. Hill, Richmond, Ind., president Florists' Hail Association.

JOHN YOUNG, Sec'y.

National Flower Show

PHILADELPHIA, MARCH 25-APRIL 2.

The national flower show committee held a two-day meeting in Philadelphia, January 11-12, at which practically all the details of the show were completed. As a result of this meeting a radical change in the general layout of the show is presented. The bugbear of the committee—lack of floor space—has been removed rather unexpectedly, through arrangements made with the Automobile Association of Philadelphia, which has just held a most successful show in Convention hall, the building which is to house the national flower show. As everyone knows who has visited the building, the irregular floor presents problems in the staging of exhibits likely to prove bothersome, and in addition rendering the very extensive stage area valueless for the chief purposes of the show.

The automobile association solved these problems most heroically by putting in a complete removable floor, which provided an even and almost level surface from the entrance to the extreme rear of the stage. Through a contract made by the national flower show committee with the automobile association this floor has been secured for the use of the national flower show,

and a certain shortage of space for exhibits has been obviated. Many other conditions which in the nature of them were causing the committee trouble are now so improved that the show can be installed without a hitch. Secretary Young is greatly elated over the new order of things. Prospective exhibitors in the trade section, who could not adapt themselves to conditions, can now be suited to their complete satisfaction. Others whose exhibits were not of a nature to harmonize with the exhibits displayed to general view, and consequently not considered when the shortage of space became apparent, may now find quarters well adapted to requirements. In fact, all reasonable demands can be met, and the secretary's discretionary powers are greatly increased. The contract also covers the heating system put in by the automobile association, and the decorations as used for the automobile show.

The committee was in session almost constantly throughout the two days, the sessions being held at the executive office of the national flower show, in the Widener building, at Convention hall, and at the Bellevue-Stratford hotel. There were present: Chairman George Asmus, Chicago; Secretary John Young, New York; Treasurer Wm. F. Kasting, Buffalo, N. Y.; C. H. Totty, Madison, N. J.; Thomas Roland, Nahant, Mass.; Patrick Welch, Boston, Mass.; and William P. Craig, Philadelphia, Pa. Adolph Farenwald, Roslyn, Pa., was absent through illness. A meeting of the committee in conjunction with the local executive committee was held on the second day, at which many of the chairmen of the local committees were present, including S. S. Pennock, Louis Burk, Wm. Kleinheinz, W. F. Therkindson and A. A. Niessen, secretary of the local committee.

At Convention hall the committee apportioned a large space to the left of the main entrance for the use of the ladies of the Garden Club of Philadelphia as a tea room, where light refreshments can be enjoyed and dancing indulged in. In connection will be a counter for the sale of flowers. The profits from both tea garden and flower stand will go to some charity or charities to be determined upon later. An adjoining space was set apart for use as a booth for headquarters for the Garden Club of America. The southwest corner of the building was set apart for a lecture room, and excellent quarters for the aquarium exhibits were located beneath the stage.

At the meeting of the two committees some very favorable reports were forthcoming from the chairmen of the local committees. Wm. Kleinheinz announced the donation of several special premiums, and Wm. P. Craig announced that Louis Burk had donated \$300 to cover two prizes in the commercial section for a group of orchid plants in variety. He also reported additional prizes amounting to \$300 as coming through M. C. Wright. Secretary Young reported the donation of \$100 from the Alphano Humus Company as a special prize.

The great interest shown already by the Philadelphia people in the show is most gratifying, and augurs well for a splendid success.

AN interesting bulletin on Dahlias has been issued by the agricultural experiment station at Geneva, N. Y., giving a classification of varieties with illustrations of the various types. F. H. Hall is the author of the bulletin.

American Carnation Society.

The twenty-fifth annual convention of the American Carnation Society will be held in St. Louis, Mo., January 26-27. Everything points to a very successful convention and exhibition. If you do not attend you will undoubtedly miss a very pleasant and profitable meeting. Delegations are coming from as far as New England and several thousand blooms are entered from that section.

There will be a discussion on "Fertilizers for Carnations" that it will pay you to travel many miles to hear, and that will be but one of the features. The banquet will take place Thursday evening. The exhibition and business sessions will be held in the Planters hotel. Make your reservations early.

The secretary will leave his home, Indianapolis, Ind., Monday evening, January 24. All mail that will not reach him there by that time should be addressed to him, care of the Planters hotel, St. Louis, Mo.

A. F. J. BAUR, Sec'y.

Chicago to St. Louis.

The Chicago Florists' Club has selected the Wabash railroad for the trip between Chicago and St. Louis, Mo., both going and returning, on the occasion of the annual convention of the American Carnation Society, to be held in the latter city, January 26-27.

Special cars will be attached to the Banner Midnight Flyer, leaving the Dearborn station, Chicago (Polk and Dearborn streets), January 25, at 11:55 p. m., arriving at St. Louis (Union station), at 7:53 a. m.

The one way rate, Chicago to St. Louis, is \$5.80 if there is a party of 10 or more on the train for this meeting. The Pullman rates, Chicago to St. Louis are: Double lower berths, \$2, upper berth, \$1.60, drawing-room, \$7. Berths will be ready for passengers at 10 p. m. For berth reservations and transportation, address H. L. Purdy, Wabash railroad, 68 West Adams street, Chicago. Telephone, Harrison 4500.

Eastern delegations for the convention are invited to join the Chicago contingent and on request the special cars of parties going to St. Louis by way of Chicago can be switched to the Banner Midnight Flyer without change of baggage or extra charge. A representative of the Wabash railroad will be on hand in convention hall, St. Louis, to arrange for the return trip.

MICHAEL BARKER,

Chairman Transportation Committee,
Chicago Florists' Club.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Private or commercial: can be well recommended; age 18 years. Address Key 593, care American Florist.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587 care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—A young man, 26 years old, would like a position in seed store; 10 years' experience with American and British firms. Good knowledge of nursery stock. Free for engagement. Key 598, care American Florist.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—By February 15. Gardener florist, 38, married, two children, hard working. First class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 595, care American Florist.

Help Wanted—Girl for retail flower shop in loop, also a delivery boy. State fully in first letter; age, experience, reference and salary expected. Address H. M. HIRSCH, 4411 West End Ave., Chicago.

Wanted to Buy—Greenhouses in good condition with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter. Box 136, Newmarket, N. J.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars. LOUIS SCHELIHAAS, Miamisburg, O.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M. College, Stillwater, Okla. Salary to begin \$-0.10 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to

SUPERINTENDENT OF GROUNDS,
A. & M. College, Stillwater, Okla.

FLORIST

The examination for Florist, announced for January 8, 1916, has been postponed by the Illinois Civil Service Commission on account of lack of applicants and will probably be held February 6, 1916. The position occurs in most of the State institutions. Salary \$60 to \$75 a month with full maintenance. Open to male residents of Illinois over 21 years old.

Applications must be filed in Springfield before Friday, January 28, 1916.

For application forms and details address the Civil Service Commission, Springfield, Illinois, or 904, 130 North 5th Ave., Chicago.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

To Fill the Empty Benches

The Present Demand Is for

YOUNG STOCK

CARNATIONS

CHRYSANTHEMUMS

EASTER PLANT STOCK

Miscellaneous Bedding Plants

ADVERTISE THEM NOW

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

Buffalo.**ONE DOZEN THE LIMIT.**

The past week will be remembered by the florists of this city for three things: First, very changeable weather; second, an unusual demand for everything in the flower line, and third, nothing to be had in quantities over one dozen with the exception of lilies, toothpicks and wire. It seems as if the supply of flowers has never been so short as during the past week, and this city from reports received, was no exception, but fortunately with lilies in good supply, a plausible talk made them acceptable in nearly every instance. Now they have forsaken us but tulips have come to the rescue. Social events are not much of a factor, but the demand for funeral designs has been heavy. More flowers were sent from this city to surrounding towns the past week than ever before. Roses of every description were scarce. It was a shame to pick the carnations and bulbous stock was behind. A few cyclamens, palms and cibotiums made grand decorations in several windows.

NOTES.

It is to be hoped that the weather will brighten and let the carnations appear in abundance at the exhibition of the American Carnation Society at St. Louis, Mo., January 26-27. Several growers from this city will attend and growers who can make the trip should go and see what others are doing with this flower and what other convention cities do.

There has been organized in this city an association which will be known as the Display Managers' Association, made up of the window decorators of the different stores of the city. It promises to be a very lively organization and new ideas in florists' windows should be in evidence as several florists have become members.

E. C. Armbrust, who resigned from the S. A. Anderson staff to enter business for himself has given up his store and is again at the Anderson Elmwood store. Joe Cannon of Anderson's has been in Wilkesbarre, Pa., for a visit.

"Near to Governor" Mahoney, who broke his arm while cranking his auto, is now in first class shape again and can use it in extolling his ideas as ever.

The sick list of the florists is getting smaller, many who were laid up with the gripe recovered and are back in the stores again.

Galley Bros. of Gardenville and this city had a fine lot of cyclamens.

BISON.**Massachusetts Horticultural Society.**

The Massachusetts Horticultural Society is making extensive preparations for a great exhibition in May. In addition to the regular schedule the following attractive prizes are announced:

PLANTS.

Amayllis—Twenty-five pots, not less than 12 varieties. Prizes contributed by Mrs. John E. Thayer and "A Friend": First, \$50; second, \$25. Azalea Indica—To cover not more than 200 square feet. Prizes contributed by Oliver Ames and John S. Ames: First, \$100; second, \$50.

Orchids—Group arranged for effect, covering 200 square feet; any foliage may be used. Prizes contributed by E. B. Dane, A. W. Preston, and H. E. Converse: First, gold medal and \$200; second, silver medal and \$100.

Rhododendrons—Group, not exceeding 300 square feet; any variety admissible. Prizes contributed by George E. Barnard and R. M. Saltonstall: First, \$100; second, \$50. Group, not exceeding 300 square feet; varieties which have grown in Massachu-

setts without protection for at least five years. Prizes contributed by Mrs. Chas. G. Weld and R. M. Saltonstall: First, \$100; second, \$50.

Roses—Group to cover not more than 200 square feet; all classes admissible. Prizes contributed by Edwin S. Webster: First, \$100; second, \$50.

Artistic display of flowering plants—To cover not less than 200 square feet; any foliage may be used in arrangement. Prizes contributed by Mr. and Mrs. Bayard Thayer and T. B. Bemis: First, cup and \$100; second, silver medal and \$50.

Display of herbaceous and Alpine plants—Arranged to produce either natural or rock garden effects covering not more than 200 square feet. Prizes contributed by Chas. A. Stone: First, \$100; second, \$50.

FLOWERS.

Carnations—Display, covering not more than 100 square feet; any material may be used in arrangement. Prizes contributed by Arthur F. Estabrook and S. Buttrick: First, \$100; second, \$50.

Roses—Display, covering not more than 100 square feet. Prizes contributed by Gen. S. M. Weld and S. Buttrick: First, \$100; second, \$50.

Display of cut sprays of hardy trees, shrubs or vines—Foliage of hardy evergreens may be used in arrangement. Prizes contributed by Walter Hunnewell and Mr. and Mrs. Bayard Thayer: First, \$100; second, \$50.

Note.—Displays to be kept in good condition throughout the exhibition and to be judged each day. Prizes to be awarded Saturday.

Note to exhibitors.—Any competitor winning a \$100 prize may elect to be awarded a gold medal or cup instead of cash, and any competitor winning a prize of less than \$100 may elect to be awarded a cup instead of cash.

The gladiolus show in August will be held in connection with the annual exhibition of the American Gladiolus Society. It will surpass any exhibition previously attempted. The list of prizes is now being prepared and will be on a very liberal scale.

WM. P. RICH, Sec'y.

Providence, R. I.**STOCK SCARCE AND PRICES HIGH.**

A scarcity of flowers of all kinds keeps the retailer busy trying to find stock to fill his orders and prices are naturally high. Funeral work has been heavy, and as there is an epidemic of gripe and pneumonia in this city, indications are that there are busy days to come. Carnations are high in price and hard to secure, except by ordering two days in advance before the flowers had bloomed. Roses were in limited supply all week. Easter lilies could be had but were not up to the standard. Violets were plentiful but there was little call for them. Snapdragons are coming in slowly, but the demand for them is not heavy.

NOTES.

George Fenner of Cranston is cutting good Asparagus plumosus. The bulb stock will be ready later.

Cushing, of Quiddnick, has some extra good orchids, and his cut cleans up every day.

The Hoxie Nurseries are sending in good daffodils, which are quickly cleaned up.

Wm. Hoffman of Pawtucket has some very good cyclamen and primulas.

Albert Holscher is cutting some good sweet peas, which find ready sale.

Olney Williams is cutting good carnations and Paper Whites.

Fred Luther has added a new auto to his delivery service. H. A. T.

Nassau Co. (N. Y.) Horticultural Society.

A well attended meeting of the Nassau Co. Horticultural Society was held in Pembroke hall, Glen Cove, January 12, with President James McDonald in the chair. Chairman Ernest Brown of the dinner committee reported that all arrangements for holding the society's annual dinner had been completed. The dinner will be held at the Oriental hotel, Glen Cove, January 25, at 6:30 p. m.

A communication was received from M. C. Ebel, secretary of the National Association of Gardeners, offering on behalf of that society, to supply with an essay on some subject of interest to the horticultural profession, for each month of the coming year, so that it may be read at our monthly meetings. It was unanimously decided to accept this generous offer. The essay for this meeting received from Mr. Ebel was: "Is Gardening a Profession?" by W. W. Ohlweiler. The paper was a very able one, and the essayist handled his subject in masterly style. It was thoroughly enjoyed and appreciated by all of the members who were present, and if we are to take this essay as a standard for those which are to follow, we are assured of a very interesting and instructive course for the coming year.

Valentine Clerer, George Hutton and George Wilson were appointed judges of the exhibits and made the following awards: Best 12 sprays of freesias, Harry Goodband, first; best three poinsettias, Robert Jones, first; best three heads of lettuce, Robert Jones, first; plant of *Primula Malacoides* exhibited by John Everett, certificate of culture. James Duthie exhibited six plants of *Primula Malacoides Townsendii*, an improved form of *Primula Malacoides*, which was much admired by the members present and was awarded a certificate of merit by the judges. This *primula*, which originated with Mr. Duthie, forms a much more compact plant than the older type, while the individual florets are much larger and the color is a most distinct and pleasing shade of pink. Mr. Duthie reports that the seed of this variety, which he has saved and sown, comes almost uniformly true to type the percentage reverting to the old type, being so small as to be almost negligible. Mr. Johnson of R. & J. Farquhar & Co., and Mr. Earnshaw, of the Bon Arbor Chemical Co., were visitors at the meeting.

JAMES M'CARTHY, Cor. Sec'y.

Los Angeles.**FAIR SUPPLY AND DEMAND GOOD.**

Generally speaking the trade in cut flowers continues good. The supply of carnations is plentiful with a better variety in colors than a week or two ago. In roses, there seems to be a little shortage in some varieties, but Killarneys are showing up well just now. Outdoor roses, however, are getting too much rain, which will cut off that supply. Lily of the valley is hard to find, while chrysanthemums have practically disappeared. Violets are becoming plentiful and the same may be said of narcissi and Chinese lilies. There is a good stock of azaleas yet and sales continue good.

NOTES.

F. Lichtenburg's, 324 West Sixth street, is a busy place. He is always busy with funeral or wedding work. A recent funeral made big inroads on his stock.

The Morris Goldenson shop, 229 West Third street, is still hustling, putting out designs for both weddings and funerals. A nice stock of azaleas is shown.

G. H. H.

LATEST EDITION

ISSUED JULY, 1915

—The American Florist Company's—

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

DORNER'S NOVELTY FOR 1916

New Salmon Pink Carnation NANCY

Color, light salmon pink, a little darker than Pink Delight and a more even color. Blooms are good commercial size, three inches and over, nicely formed and have never shown a bursted calyx. Stems always hold the flower upright. The habit is a quick productive growth and as a producer it stands highest among commercial varieties. Color does not fade. Fragrance is very noticeable. Having an excellent cerise pink and an improved yellow to offer in 1917, we have decided to disseminate the variety NANCY this year (1916). For a light pink that will produce quantities of bloom and is commercially good in every respect, plant NANCY. The stock is limited and orders will be filled in rotation as received. Price, rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

Chrysanthemum Early Frost

The Early White Mum. February Delivery. This variety has proven so satisfactory that the demand for stock will be greater than the supply. Place your order now. We have a large stock. Rooted cuttings, \$7.00 per 100; \$60.00 per 1000.

STANDARD VARIETIES OF CARNATIONS AND 1915

INTRODUCTIONS. READY NOW.	Per 100	Per 1000
Pink Sensation.....	\$6.00	\$50.00
Good Cheer.....	8.00	50.00
Alice.....	6.00	50.00
Matchless.....	3.50	30.00
Yellow Prince.....	3.50	30.00
Champion.....	3.00	25.00
Yellowstone.....	3.00	25.00
White Wonder.....	3.00	25.00
White Enchantress.....	3.00	25.00
Rosette.....	3.00	25.00
Mrs. C. W. Ward.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00
Benora.....	3.00	25.00

F. DORNER & SONS CO., **Lafayette, Ind.**

Kansas City.

GOOD BUSINESS CONTINUES.

Cold weather, following a rain which froze as it fell, making streets and walks a sheet of ice, with six inches of snow as a climax interfered with deliveries somewhat, but business has been remarkably good for this time of the year. Orders for decorations are numerous and the sale of pot plants continues brisk. Cut stock has been very scarce, especially roses, which are fine in quality and high in price. Carnations are more plentiful, but are still in supply short of requirements. Lilies and stevias were very scarce, but lily of the valley, Romans, Paper Whites, sweet peas and snapdragons filled in very nicely on some orders.

NOTES.

A. D. Mohr is cutting some fine sweet peas of the Spencer variety. He is getting ready for the spring trade and has between 20,000 and 25,000 geraniums, in addition to other varieties of stock.

Wm. Foith is cutting a big crop of carnations which bring good prices. His sweet peas are coming along nicely. Orders for funeral designs and basket arrangements are numerous.

Another big week of funeral work is reported by W. J. Barnes. The carnation crop is increasing at this establishment daily. The call for pot plants and bouquets is heavy.

Stock in the houses of The Rosery is looking good and coming on in fine shape for Easter. Trade has been very good, but delivery has been difficult, due to bad weather.

Eric Frandsen of Independence, Mo., lost his sweet peas, part of his carnations and his roses are suffering from mildew as the result of the cold weather last week.

H. Kusik & Co. report a scarcity of stock and prices are correspondingly high. Roses, carnations, sweet peas and narcissi of excellent quality were seen here.

The Geo. M. Kellogg Flower & Plant Co. reports a good week's business. The call for pot plants continues strong and the shipping trade is very good.

Harry Smith of Independence, Mo., is bringing in some fine sweet peas with long stems. His carnations are also increasing in numbers daily.

T. J. Noll & Co. report a daily clean up. They are handling very good roses, carnations, violets, lily of the valley and sweet peas.

MISS THEO.

The most prolific Rose Pink Carnation on the market. Every visitor places an order.

See previous advs.

Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, **Ellis, Mass.**

Lost, one bachelor, Henry Kusik, of H. Kusik & Co., was married January 11 to Miss Anna Surma of New York. Congratulations.

A. F. Barbree is cutting heavily on carnations, but reports the majority of stock scarce. Funeral work is very heavy with him.

R. S. Brown & Son have a full force at work getting ready for the spring trade. A heavy demand is anticipated.

The Hepting Greenhouses are sending in about 1,000 carnations per day and they are of excellent quality.

J. B. Masson is very busy with his spring stock. He is cutting some very fine carnations at present.

Miss J. E. Murray reports business surprisingly good, with lots of funeral work and orders for weddings.

Mount St. Mary's Greenhouses report excellent business, considering the prevailing weather.

Arthur Newell, accompanied by Mrs. Newell, spent the past week at Excelsior Springs.

Visitor: M. Zirkman, representing M. Rice Co., Philadelphia, Pa.
E. J. B.

Detroit Bowling.

The Detroit Florists' Bowling Club, at the semi-monthly games Tuesday, January 11, rolled scores as follows:

	1st.	2nd.
J. K. Stock.....	156	145
E. A. Feters.....	159	133
Thos. Brown.....	129	129
A. J. Stabellin.....	100	129
Joseph Streit.....	180	185
Ernest Sullivan.....	148	161
M. Bloy.....	127	165
J. F. McHugh.....	132	137
Robert Rahaley.....	149	158
Henry Forster.....	103	98
A. Sylvester.....	151	130
Robert Jean.....	123	84
Edward Moss.....	121	105
A. Shields.....	73	105
J. F. Sullivan.....	95	137



THE NEW PINK FORCING ROSE Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

Orders filled
strictly in the
Order as booked.

Strong Grafted Plants.

100 plants for . . .	\$35.00	500 plants for . . .	\$150.00
250 plants for . . .	82.50	1000 plants for . . .	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Cleveland.

At the banquet given at the Hollenden hotel Wednesday evening, January 12, about 125 members of the florist club, members of the women's florist club, and friends, celebrated the success of the recent flower show, and all guarantors present were presented with checks for money invested and proportion of profits. Frank Ritzenthaler introduced the toastmaster, Frank R. Williams, who introduced as the guest of honor Mayor Harry Davis, who made a short speech on cooperating with the city administration to beautify the city. F. Prentiss Baldwin, of the Ohio Horticultural Society; H. P. Knoble, Walter Cook, Mrs. Sam Pentecost, Herb Bate, president of the Cleveland Florists' Club; Chas. Gibson and M. A. Vinson spoke on the flower show and club's work. Miss Fanny Evans, of the Cleveland Cut Flower Co., sang several solos, which were well received and appreciated. Other vocal and instrumental music was also very much enjoyed.

Timothy Smith, of the firm of Smith & Fetters Co., has been elected treasurer of the Cleveland Retailers' Council, whose membership is about 1,500, all retail merchants. Mr. Smith will head a committee to prepare a program for a mass meeting at the Chamber of Commerce, February 9.

John Boddy, city forester, after serving continuously for seven years has resigned, and will lead the 1916 Plain Dealer "vacant lot and home garden contest."

Mrs. Geo. W. Smith left January 10 for Colorado Springs. She has been home during the holidays, but returned to continue her cure at the sanitarium.

C. F. B.

The Rhode Island Hort. Society.

The seventy-first annual meeting of the Rhode Island Horticultural Society will be held in the Public Library, Providence, Wednesday, January 19, 1916. The business meeting will be called at 7:45 p. m., followed by a lecture at 8:15 p. m. Dr. Burt L. Hartwell, director of the experiment station, Rhode Island State College, will lecture on "Chemistry of the Garden." Dr. Hartwell will discuss such topics as, "How the plant feeds," "How to add plant food to the soil," "The effect upon plants of certain chemical elements," etc. If you grow dahlias, roses, sweet peas, chrysanthemums or any other flowering plants you will want to know what plant foods will be of most service in producing good flowers. If you grow vegetables or fruit you will want to know how certain plant foods affect the quality, etc. Every member should attend this meeting and be

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
White Wonder.....	2.50	20.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Champion.....	3.00	25.00
Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Richmond.....	3.00	25.00
Sunburst.....	4.00	35.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00
American Beauty.....	4.50	40.00

Ready for shipment February 1, 1916.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

ready with questions in which they are interested regarding their crops for the coming season.

ERNEST K. THOMAS, Sec'y.

LANCASTER, N. Y.—W. J. Palmer & Son have added a King house, 20x100 feet, which will be devoted to cattle-yas.

POEHLMAN

72-74 E. Randolph St.,

FINE LARGE SUPPLY OF CATTLEYS

GARDENIAS-JONQUILS-TULIPS-FREESIA-VALLEY-LILIES

CURRENT PRICE LIST—Prices Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$7.50
36 in.....	6.00
30 in.....	5.00
24 in.....	4.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	\$ 5.00
26 to 28-in.....	4.00
22 to 24-in.....	3.00
18 to 20-in.....	2.50
16-in.....	2.00
Short, per 100.....	\$8.00 to 12.00

	Per 100
Hoosier Beauty.....	Special, Charged accordingly.
Richmond.....	Long...\$12.00 to \$18.00
Hadley.....	Med... 8.00 to 10.00
Ophelia.....	Short... 6.00
Sunburst.....	
Milady.....	
Kill. Brilliant.....	

Bulgaria
Aaron Ward
Killarney
White Killarney

Special..Charged accordingly
Long\$12.00 to \$15.00
Medium 8.00 to 12.00
Short 6.00

MINIATURE ROSES

Cecile Brunner, also called Sweetheart
Rosesper 100, \$3.00 to \$ 4.00
George Elgar, yellow.....per 100, 3.00 to 4.00
Fireflame, pinkper 100, 4.00 to 10.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$2.00
Violets, double or single.....	1.00
Mignonette.....	\$6.00 to 8.00
Stevia.....	2.50
Freesia.....	3.00 to 4.00
Jonquils.....	5.00
Paper Whites, Romans.....	4.00
Smilax.....doz. \$2.00	
Plumosus.....per 100, \$2.00 to \$3.00	
Sprengeri.....per 100, 2.00 to 3.00	
Adiantum.....per 100, 1.00	
Galax, green and brown.....1000, \$1.50	
".....100, .20	
Leucothoe.....100, .75	
Mexican Ivy.....1000, \$6.00; 100, .75	
Ferns.....1000, \$2.50; 100, .30	
Boxwood.....bunch, 25c; box, 7.50	

ORCHIDS

Market Price.

	Per Doz.
Cattleyas.....	\$5.00 to \$6.00
Gardenias.....	3.00
Cypripediums.....	2.00 to 3.00

EASTER LILIES

Per 100.....\$12.00 to \$15.00

LILY OF THE VALLEY

Per 100.....\$3.00, \$4.00, \$5.00

CARNATIONS

	Per 100
Best Fancy, all colors.....	\$6.00
Medium, per 100.....	4.00
Splits.....	3.00

TULIPS

FancyPer 100, \$5.00

WILD SMILAX

Per case.....\$5.00

Accessories for

St. Valentine Day

CORSAGE SHIELDS.

Chiffon, \$2.00 doz.

Transparent, 50c doz.

4-INCH PINS, PEARL-HEADED.

All colors, \$1.00 per gross.

HUGHES' VALENTINE BOX.

24 x 5 x 3½ inches, \$2.00 for ten.

SPECIAL

WAX PAPER

The dry Wax will not stick.

25-inch rolls, White and Green, per lb., 12½c.

HEART SHAPE BOXES

Nest of two, 25c.

IMPORTED FLOWER HOLDER

TO BE USED IN ROSE BOWL

3½-inch, each.....	\$0.25	Doz.....	\$2.50
4 -inch, each.....	.30	Doz.....	3.00
5 -inch, each.....	.60	Doz.....	5.00
6 -inch, each.....	.75	Doz.....	8.00



GLASS FLOWER BLOCK

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana			
Made-up Plants			
7-in. pots	3 plants in a pot	32-34 in. high	3.00
8-in. tubs	4 plants in a tub	38-40 in. high	4.00
Specimens, heavy, \$12.00, \$15.00, \$20.00.			
Kentia Belmoreana			
Single Plants			
4 inch pots,	5 to 6 leaves,	16 to 18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots,	6 to 7 leaves,	24 in. high	1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
8-inch tubs,	6 to 7 leaves,	36 to 38 in. high	3.50
8-inch tubs,	6 to 7 leaves,	56 to 58 in. high	6.00
8-inch tubs,	6 to 7 leaves,	62 to 64 in. high	7.00
Kentia Forsteriana			
Made-up Plants			
7-inch pots,	3 plants in a pot,	36 in. high	Each \$2.50
7-inch tubs,	4 plants in a tub,	38 in. high	3.00
8-inch tubs,	4 plants in a tub,	38 to 42 in. high	3.50
8-inch tubs,	4 plants in a tub,	48 to 50 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 54 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	60 to 64 in. high	10.00
12-inch tubs,	4 plants in a tub,	5½ ft. high	12.00
12-inch tubs,	4 plants in a tub,	5½ to 6 ft. high	15.00
15-inch tubs,	4 plants in a tub,	6 to 6½ ft. high	20.00
Specimens, heavy, \$35.00, \$40.00.			

Kentia Forsteriana			
Single Plants			
4-inch pots,	5 to 6 leaves,	18 to 20 in. high	Each \$0.40
\$4.50 per doz.			
6-inch pots,	6 leaves,	28 to 30 in. high	1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8-inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10-inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
10-inch tubs,	6 to 7 leaves,	5½ to 6 ft. high	10.00
Phoenix Roebelenii			
Each			
3-inch pots,	nicely characterized, \$3.50 per doz.		
5-inch pots,	15-in. high,	20-in. spread	\$1.00
6-inch pots,	18 in. high,	24-in. spread	1.75
7-inch pots,	28 in. high,	34-in. spread	2.50
8-inch tubs,	30 in. high,	36-in. spread	3.50
10-inch tubs,	35 in. high,	42-in. spread	\$5.00 to 7.50
Dieffenbachia Magnifica			
5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
Areca Lutescens			
8-inch tubs, 5 plants, 44-46 in. high, each, \$4.00 to \$4.50			
Dracaena			
6-inch pots,	Dracaena Amabilis.....	Each,	\$1.25
6-inch pots,	Dracaena Baptistii.....	"	1.25
5½-inch pots,	Dracaena Massangeana.....	"	.75
5-inch pots,	Dracaena Imperialis.....	"	1.25
Aspidistra Lurida,	5-inch pots.....	Each,	\$1.00
Livistona Rotundifolia,	4-inch pots.....	Each,	.50

ROSE STOCK

Choice 2½-inch Grafted and 2½-inch Own Root Plants for March Delivery.

2½-in. Grafted.		2½-in. Own Root.		2½-in. Grafted.		2½-in. Own Root.	
Per 1000		Per 1000		Per 1000		Per 1000	
Russell.....	\$120.00	None		Milady.....	\$100.00	\$56.70	
Killarney.....	100.00	\$56.70		Ophelia.....	100.00	56.70	
White Killarney.....	100.00	56.70		Richmond.....	100.00	56.70	
Killarney Brilliant.....	100.00	56.70		Hoosier Beauty.....	105.00		
Ward.....	100.00	56.70		Hadley.....	105.00		
Cecile Brunner.....	\$100.00	\$56.70					
Elgar (Special Only)...	100.00	56.70					
Francis Scott Key.....	110.00	63.40					
Fire Flame.....	100.00	56.70					
Lady Alice Stanley.....	120.00	73.50					

Miscellaneous Plants

ARAUCARIA ROBUSTA COMPACTA

3 to 4 tiers.....	Each \$1.50, \$2.00, and \$2.50
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ARAUCARIA EXCELSA

4 to 5 tiers.....	Each 1.50
5 tiers.....	2.00

FERNS

Boston, Roosevelt and Whitman	Each
5-inch pot, Boston and Roosevelt only.....	\$0.25
6-inch pot.....	0.50
10-inch pot.....	\$2.00 to 2.50
12-inch pot.....	3.00 to 3.50

PANDANUS VEITCHII

4-inch pot.....	Each \$0.35
5-inch pot.....	.50
6-inch pot.....	.75

CROTONS.

In finest varieties, beautifully colored and wellfurnished with leaves to the pot.	Each
6-inch pot.....	\$.75 to \$1.00

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100
3-inch pot.....	6.00 per 100
Made-up in pans and 7-in. pots.....	\$4.00 per doz.

ASPARAGUS SPRENGERII

2¼-inch pots, per 100.....	\$2.50
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CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AGLAONEMA PICTUM

5-inch.....	Each, \$0.75
6-inch.....	Each, \$1.00

SHAMROCK PLANTS

For St. Patrick's Day	
1-in. and 2-in. plants, \$3.00 per 100; \$25.00 per 1000.	
March Delivery.	

ACHYRANTHES

Brilliantissima, 2½ inch pots, per 100.....	\$2.50
Lindenii, 2½ inch pots, per 100.....	2.50

SKIMMIA JAPONICA

Well berried.....	Each, \$1.00, \$1.25, \$1.50
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DISH FERNS

In 2¼-inch pots, \$3.50 per 100; \$30.00 per 1000.	
Pteris Albo-lineata, Pteris Serrulata, Christata, Pteris Cretica Ovaradii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wim-muliceps, Pteris Cretica Cristata, Adiantum Cuneatum.	

BEGONIA CHATELAINE

2¼-inch pots, per 100.....	\$ 3.50
3-inch pots, per 100.....	8.00
4-inch pots, per 100.....	15.00

COLEUS

In the following varieties, 2¼-inch pots, \$2.50 per 100:	
Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria.	

ROSES

Now Coming in Crop—Very fine long stemmed stock—Best in the Market
Also Short and Medium Length Stems

American Beauties	Per doz.
Extra long stem Specials.....	\$6 00
Stems 36 inch.....	5.00
Stems 24 to 30 inch.....	\$2.00 to 4.00
Shorter lengths.....	1.00 to 1.50

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer	Per 100
Extra long stems.....	\$12.00
Good length stems.....	10 00
Medium stems.....	8.00
Short stems.....	5.00 to 6.00

Cecile Brunner or Sweetheart Roses	
Per bunch of 25 buds.....	75c to \$1.00

Sweet Peas—Zvolanek's orchid flowering—extra long stemmed stock, \$2 to \$2.50 per 100

Jonquils and all other stock at market prices. We are growers and guarantee
the quality of all the stock we sell

Sunburst, White and Pink Killarney and Hillingdon	Per 100
Extra long.....	\$12.00
Good length.....	10 00
Medium.....	8.00
Good short.....	5.00 to 6.00

Carnations	Per 100
All colors.....	\$6.00
Sweet Peas, very choice.....	\$2.00 to \$2 50
Valley, per 100.....	4.00 to 5.00
Paper Whites, per 100.....	4.00
Choice Common Ferns, per 1000.....	2.50
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, per 1000.....	1.00

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

L. D. Phone,
Central 1457.

HINSDALE, ILLINOIS.

Chicago.

NO CHANGE IN MARKET CONDITIONS.

There is no great change in the market conditions and stock is as scarce as ever and still bringing high prices. At times business seems to be quiet, but the demand starts up again with the result that it is impossible to fill all orders. Carnations, the opening of the present week, Monday, January 17, were more plentiful, but prices held firm and toward evening all the available stock was disposed of. The shipping trade continues to be very good, but the city demand, while fair, is nothing to speak of. American Beauty roses are not as plentiful as they have been and prices have advanced accordingly. Mrs. Chas. Russell roses are moving nicely but are not bringing as good prices as one would expect considering the general scarcity of stock and this is particularly true of the longer stemmed grades. Roses in general are in short supply, especially in the shorter stemmed grades, and clean up at an early hour at good prices. Violets are plentiful but are selling well at prices ranging from 50 cents to \$1 per hundred. Sweet peas are a trifle more plentiful but clean up at the advertised quotations. Orchids and gardenias are in good supply and in fairly good demand. Lily of the valley is not any too plentiful and the same holds good for lilies. Stevia is in good demand and the same applies to freesia, tulips, jonquils, Romans, Paper White narcissi, snapdragons, daisies, calendulas and other miscellaneous stock. Taken all in all, everything seasonable in cut flowers is in good demand and in short supply. While prices seem rather high to the buyer one wholesale florist in looking over his last January sales, says that prices

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

Magnolia Leaves

Red and Green. Guaranteed to be perfect.

**\$1.00 PER CARTON
SUPPLIES**

Complete line at lowest prices in the country. Replenish your stock now. Try us once—You will buy here always.

Chicago's Largest Dealers in Decorative Greens

are only about 15 per cent higher than last year, which is rather surprising, for it appears as if stock never was so scarce or brought such good prices as it is this year. Business so far during January has been very good and nearly everyone reports a substantial increase so far over January of 1915. Green goods of all kinds are in good demand, and while at times certain

items are scarce, very few orders go unfilled. Collections are a trifle better and while business as far as the wholesale florist is concerned is good, everyone will be better satisfied when stock is more plentiful, for it is impossible to take the proper care of the customers under the prevailing conditions. The weather has been extremely cold here all week and on Sun-

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

— GOOD CUTS —

RUSSELLS--BEAUTIES

Killarney, White Killarney, Killarney Brilliant,
Ophelia, Sunburst, Milady, Etc. Order Here.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.00
Short stems .....	.75

	Per 100
Killarney.....	
White Killarney.....	
Killarney Brilliant.....	
Sunburst.....	
My Maryland.....	
Ophelia.....	
Richmond.....	
Milady.....	
ROSES, our selection.....	\$5.00

2,000,000 Feet of Modern Glass

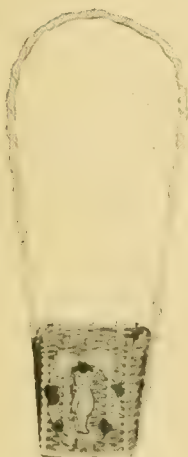
MRS. CHAS. RUSSELL

	Per 100
Specials	\$20.00
Select	15.00
Medium	12.00
Short	\$8.00 to 10.00
Carnations, fancy	6.00
good	5.00
Harrisli.....per doz., \$1.50 to \$2.00	
Valley	\$4.00 to \$5.00
Violets .....	.75 to 1.25
Smilax.....per doz, strings, \$2.00	
Adiantum	1.00 to 1.50
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2.50
Boxwood	per bunch, 25c
Galax, bronze and green.....per 1000, \$1.00	
Stevia	1.50 to 2.00
Sweet Peas	1.50 to 2.00
Leucothoe Sprays .....	.75 to 1.00

VALENTINE SPECIALS

25 Kewpie Baskets, \$15.00

in the two-tone and bronze
finishes, and finely hand painted.



12 KEWPIE BASKETS . . . \$8.00

(Same as above)

25 Two-tone and bronze Baskets,
water glass size . . . \$7.50

Medium and Tall Cut Flower Baskets With Liners,
40 cents, 50 cents, \$1.00, \$1.50, \$2.00 and \$2.50 each.

Assortment 25 Baskets to be used with moss, glass or
other small receptacles, \$3.00. Stained violet, green
and bronze, with a variety of attractive designs.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue
car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET COMPANY

713 Milwaukee Avenue,

Phone, Monroe 4977.

CHICAGO, ILL.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$8.00
Pink Killarney.....	Select.....7.00
Killarney Brilliant.....	Fancy.....6.00
Richmond.....	Medium.....5.00
	Good.....4.00

CARNATIONS.

Fancy.... per 100, \$5.00	Good.....per 100, \$4.00
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SUNBURST.

Extra Special.....	Per 100 \$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprenger.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

day and Monday, January 16-17, it was 14 and 18 degrees below zero, with the mercury hovering near the zero mark both days, with the sun shining. This is the coldest weather experienced this winter and the receipts during the past week were considerably smaller and in some instances about one-half as large as they were the week before.

NOTES.

Mrs. Leo Kamerman, formerly Miss Mabel Eaton, died at the Garfield hospital last week. She had a national reputation as an actress and at the age of 16 was selected from 75 applicants by Augustine Daly, who had come here from New York for the purpose, and who made her a member of his stock company at the Daly theater, New York. William and Dustin Farnum were doing odd jobs at the theatre at that time and when she organized her own company she took them into it. She was married to William Farnum. Ten years later she obtained a divorce and later was married to Leo Kamerman. She conducted a florist store on West Jackson boulevard for several years, a few doors east of George Perdikas' present establishment.

Poehlmann Bros. Co. is having a tremendous call for cut flowers and dispose of the stock long before it reaches the store. Otto W. Frese says that it is impossible to fill all the orders and take care of the regular customers besides, under the existing conditions, for stock has never been as scarce and the demand as heavy as it is right now. Trade in the supply department never was as good in January as this year, according to T. E. Waters, who adds that it is surprising how many orders are being received. John Poehlmann is feeling much better and his many friends in the trade sincerely hope that he will soon be able to be back at the store again.

John Mangel, the Palmer House Florist, in speaking of the scarcity of stock in the market, pointed to a dozen Mrs. Chas. Russell roses, which cost him \$5 wholesale. He says that the people are not buying as heavily as they should during the shortage, and absolutely refuse to pay such high prices and the only demand is for funeral work and weddings. His conservatory is still a great attraction

with improvements constantly being made and the floor will soon have a natural carpet of grass. Mr. Mangel visited John Poehlmann in the German Hospital this week and found him in good spirits and as jolly as ever.

George Reinberg's store force had a bowling contest the other night, when Adam Kaspar carried off the honors over Robert Northam, Leo Gannon and Bobby Nichols. The latter, who weighs almost as much as Philip J. Foley but is only half as tall, slipped as he was delivering the ball, and slid nearly the whole length of the alley before he could pick himself up. Talk about Charlie Chaplin, well he can consider himself lucky that Nichols never was a movie star or he would have to play second fiddle.

Peter Schaeffer, who is employed at Schiller's down town store, and Miss Elona Frey were married at Kankakee last Saturday, January 15. This being leap year it would not be at all surprising if another young gentleman at one of the Schiller stores would follow suit, for it is understood at least one young lady in the trade has set her cap for him. It is not necessary to mention any names, but the writer expects to be able to furnish further particulars before 1916 rolls by.

Geo. Asmus, chairman of the National Flower Show committee, returned from Philadelphia last week and says preparations for the great exhibition, March 25-April 2, are progressing very satisfactorily. Mr. Asmus says that at the recent meeting the management acquired the automobile show decorations of the exhibition building, costing \$12,000, for some \$2,500.

Wietor Bros. report business as very satisfactory, with the sales running considerably ahead so far over January of last year. Carnations are arriving in larger quantities at this house, but it will be some time before there will be enough to go around. American Beauty roses are in brisk demand here and command high prices.

Alois P. Frey and wife, of Crown Point, Ind., stopped off here for a few hours January 13 on their way home from Milwaukee, Wis., where they attended the funeral of a relative the day before. Mr. Frey will make an exhibit of his new freesias at the next regular meeting of the Chicago Florists' Club, to be held February 10.

U S Budlong's E Blue Ribbon Valley.

ROSES

Sunburst, Killarney, White Killarney and Richmond. Carnations, Violets, White and Yellow Narcissus, Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

George Wienhoeber had the decoration for the Swift wedding last week when a large quantity of Mrs. Chas. Russell roses and other stock was used. The bridal bouquet was made of gardenias and the matron-of-honor bouquet of orchids and lily of the valley.

A. T. Pyfer & Co. are receiving over 2,000 fancy roses a day from Pyfer & Olsem's range at Wilmette in addition to a good supply of carnations, which are now more plentiful at this establishment.

Nels Pearson, for many years employed at Vaughan's Greenhouses, Western Springs, died January 14. Mr. Pearson had been in ill health for a considerable time.

George P. Hoefle, of Norby & Hoefle, Des Plaines, stole a march on his many friends here this week when he was quietly married in Iowa.

Mrs. A. C. Rott, of Joliet, and Robert H. Blake, with Mrs. J. B. Freeman, Toledo, O., were visitors at Zech & Mann's store, January 17.

Arthur Blome, of Paul Blome & Co., 1361 North Clark street, served on the jury in Judge Scanlon's court last week.

A baby girl gladdened the home of C. Clemenson, 7801 South Shore avenue, Monday, January 17.

A. Herrington passed through the city this week, called to Iowa City, Ia., by the illness of his mother.

W. N. Rudd says his carnation cut averaged five and a half cents last week.

George C. Welland of Evanston has been on the sick list for over a week.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Roses--Carnations--Freesias--Lilies

Order Here

Current Price List:

Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.

	Per doz.	
Long stems	\$6.00	
36-inch stems	\$4.00 to 5.00	
30-inch stems	3.00	
24-inch stems	2.50	
20-inch stems	2.00	
18-inch stems	1.50	

MRS. CHAS. RUSSELL.

	Per 100	
Specials	\$25.00	
Select	20.00	
Medium	10.00 to 15.00	
Short	8.00 to 10.00	

ROSES.

	Per 100	
Richmond—Milady—Extra long	\$12.00	
“ Fancy	10.00	
“ Medium	8.00	
“ Short	6.00	
White Killarney		
Killarney	Special	\$12.00
Killarney Brilliant	Fancy	10.00
Ward	Medium	8.00
Sunburst	Short	6.00
Ophelia		
Maryland		
Roses, our selection	5.00	

	Per 100	
CARNATIONS, common	\$4.00	
“ fancy	\$5.00 to 6.00	

MISCELLANEOUS.

Cattleyas	per doz., \$7.50	
Valley	\$4.00 to \$5.00	
Violets .....	.75 to 1.50	
Freesias	4.00 to 5.00	
Paper Whites	4.00	
Romans	3.00 to 4.00	
Stevia	2.00	
Lilies	per doz., \$1.50 to \$2.00	
Mignonette	6.00 to 8.00	
Callas	per doz., 2.00	
Sweet Peas	1.50 to 2.50	
Smilax	per doz., \$2.00	
Adiantum	1.00	
Asparagus Strings	each, 75c	
Asparagus Plumosus, per bunch .....	.35c to 50c	
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays .....	.75	
Mexican Ivy .....	.75	

C. L. Washburn visited Bassett & Washburn's greenhouses at Gregg's Station and Hinsdale, January 16, and after a thorough inspection of all the houses, he is inclined to believe that stock will be more plentiful in the near future. Carnations, especially white, are in better crop and the other colors will follow closely. Mr. Washburn walked home from Gregg's Station on that day, a distance of three miles, with the temperature registering 4° below zero.

W. N. Rudd, C. W. Johnson, M. Barker, Guy Reyburn, A. F. Longren and Alois Frey, Crown Point, Ind., will join the local delegation mentioned last week to the St. Louis convention of the American Carnation Society, leaving Tuesday, January 25 on the Wabash railroad at 11:55 p. m. Others wishing to take advantage of party rate and secure accommodation should telephone the Wabash railroad as early as possible, Harrison 4500.

Felix Reichling visited Peter Reinberg's greenhouse Sunday, January 16, to get a line on the stock, and while he found everything in splendid condition he says that it will be several weeks before stock will be much more plentiful. The American Beauty and White Killarney roses are in good crop but the cuts clean up quickly at high prices each day.

H. Van Gelder is well pleased with business at Percy Jones' store and says that the sales this month are away ahead of January in 1915. The demand for magnolia leaves has been very heavy at this house the past few weeks which is due a great deal to the general scarcity of cut flowers.

A. L. Vaughan says that the thermometer on the back porch of his home at Oak Park registered 14° below zero Sunday, January 16. He reports trade as good at A. L. Vaughan & Co.'s store with an early

clean-up in stock each day. The shipping trade especially is brisk.

H. C. Blewitt's wife and son Arthur of Des Plaines are recovering from a severe attack of pneumonia. Mr. Blewitt is offering a good supply of forget-me-nots and sweet peas at his stand in the local market which are bringing unusually high prices.

The Raedlein Basket Co. has a new line of baskets to offer for Valentine's day, which are unusually fine and most appropriate for the occasion. There are four beautiful different styles, but the Kewpie design will no doubt prove to be the best seller.

The E. F. Winterson Co. received a shipment of 250 orchids from the east January 15 which were so badly frozen that none of them could be used. Consequently the entire lot, amounting to about \$80, was a total loss.

At J. A. Budlong's store the latest improvement is a mezzanine floor, which Manager Schupp's son Roswell ordered built and comes in handy during the shipping rush.

William Lubliner and wife passed through the city January 15 on their way home to Milwaukee, Wis., after a delightful honeymoon spent at New Orleans, La.

The Chicago Flower Growers' Association is experiencing a heavy out-of-town demand for stock, particularly flowers for funeral work.

Harry C. Rowe bought the Halle fixtures from H. N. Bruns this week and will open another store in the near future.

O. A. Tonner is receiving regular shipments of roses in addition to her regular supply of stock.

H. N. Bruns is thinking somewhat of making a trip to Hot Springs, Ark.

Visitors: Edw. Amerpohl, Janesville, Wis.; Mrs. T. A. Moseley, Kansas City, Kans.

U S Budlong's E Blue Ribbon Valley.

Milwaukee, Wis.

Alfred Schiller, who conducts a flower store at Center and Twenty-seventh streets, underwent an operation for tumor of the stomach at St. Mary's hospital January 13. From latest reports he is progressing nicely and he has our best wishes for a speedy recovery.

Mrs. Gordon, mother of Mrs. Annie G. Whitnall, died two weeks ago in Los Angeles, Calif. She will be fondly remembered by many S. A. F. members as attending the earlier conventions.

The florists are organizing a state association to promote horticultural and floricultural development and watch legislation along these lines.

Chas. B. Whitnall is now manager of the Commonwealth Mutual Bank and the stockholders received 3½ per cent last year on their savings.

Gen. Gregory is a boxing fan and got his'n when 'andsome 'arry from Liverpool won the Monday night match.

Chicago Bowling.

Scores of the team representing the trade in the North Chicago League, January 13, were as follows:

Players—	1st Game	2d Game	3d Game
J. Huebner	142	159	184
Lorman	155	223	194
Zech	215	179	244
A. Huebner	189	182	188
Olsen	183	176	189
Totals	884	919	999

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Toledo.

FLOWERS SCARCE AND DEMAND HEAVY.

Following a splendid holiday trade, there has been a heavy demand in January. An unusual number of deaths and a great deal of sickness have been factors that have made it impossible to catch up on the scarcity following Christmas week and many florists are pushing the sale of galax wreaths and using wax flowers wherever possible. Plants, such as azaleas, are still fairly plentiful and are much used in basket arrangements. The social season is on in full blast and decorations and corsages have been selling well. Roses, while of fine quality, are at times impossible to secure. Sweet peas are beginning to arrive in larger quantities and the quality shows improvement and the same is true of carnations. Daffodils are rare and bring big prices. The call for narcissi is unusual, and where last year they were hard to dispose of at 50 cents per hundred, they are now bringing \$3. Violets are scarce but of good quality.

CLUB MEETING.

The January meeting of the florists' club was held at Max Spanner's, January 11. J. L. Shiller, chairman of the flower show committee, gave a final report and advocated giving a private carnation show in February, at which members could exhibit their favorite varieties. Most of those present were in favor of such a show. Arthur C. Kneisel, secretary of the club and also in charge of the publicity of the organization, gave an outline of a co-operative plan by which sales could be greatly increased for Valentine's day. Co-operative advertising in the newspapers, such as was used to such good advantage on Mothers' day, was one of the features, as was a circular to be sent to customers and enclosed with the monthly statements.

NOTES.

Harry Heintz is making plans to attend the exhibit of the American Carnation Society at St. Louis, January 26-27, and will also spend some time visiting his mother. Harry has been producing some excellent roses and also many fine cyclamens. His business has been constantly increasing.

John Barrow and son, Henry, who conduct a flourishing greenhouse on Detroit avenue, have just finished two modern houses on the farm recently purchased about a half mile from their place. Roses and carnations will be

the principal flowers grown in the new houses.

Mrs. J. B. Freeman, Superior street florist, has been overwhelmed with funeral work and many decorations. One day this week she had orders for a hundred corsage bouquets, mostly for the annual Bachelors' ball, which is the society event of the season.

Metz & Bateman have been busy as bees for the past five weeks, but have been handicapped somewhat by the absence of Earl Metz, who was laid up with a severe attack of grippe. He is back on the job now.

Miss Helen Patten is having her delivery car overhauled in preparation for a large Valentine business. She has been enjoying a visit from her sister, Mrs. Flick, a prominent florist of Fort Wayne, Ind.

Henry Miller is sending in some splendid carnations these days, notwithstanding much unfavorable weather. He never has any difficulty in disposing of all he can cut.

Max Spanner left \$64 in his register January 12 and the following morning it had disappeared. Thieves are responsible. They gained entrance through the rear door. A. C. K.

Cincinnati.

HEAVY SHORTAGE IN ROSES.

The supply of stock is very short, and this, combined with an active demand, keeps the market cleaned up. The cold weather has put quite a crimp in the size of the daily receipts. The decrease in the cut of roses was greatest of all the flowers coming into market at the present time. Among rose receipts, however, are some very fine American Beauties. Carnations, too, are rather short, but the average quality is better than it was. Lilies have become scarce. The receipts in Paper White narcissi and daffodils clean up very readily. Lily of the valley have a strong call, while receipts are insufficient to satisfy this call. Both double and single violets are fairly plentiful. Other offerings include callas, freesias, orchids and baby primroses. In greens bronze and green galax and wild smilax are meeting with a very strong call.

NOTES.

The death of Albert McCullough, well-known seed merchant of this city, is recorded in our obituary column this week.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...\$10.00 to \$15.00
Ophelia 8.00 to 15.00
Sunburst..... 8.00 to 15.00

Killarney, White Killarney, Killarney Brilliant—

Long.....\$10.00 to \$12.00 per 100
Medium..... 8.00 per 100
Short..... 6.00 per 100

Specials billed accordingly.

CARNATIONS, De Luxe,\$5.00 to \$6.00
Good..... 4.00

Miscellaneous

Lilies.....\$10.00 to \$12.50 per 100
Lily of the Valley,\$4.00- 5.00 per 100
Violets, double,\$0.75 to 1.00 per 100
Sweet Peas..... 1.50 to 2.00 per 100
Paper Whites... 4.00 to 5.00 per 100
Ferns..... 2.50 per 1000
Asparagus.....bunch, 35c to 50c each
Sprengerbunch, 25c to 35c each
Galax..... \$1.00 1000
Mexican Ivy..... 75c per 100
Boxwood.....large bunch, 25c each

Subject to Market Changes.

P. J. Olinger has begun to cut some very fine blooms from a new crop of carnations.

C. E. Critchell reports a very heavy demand for bronze and green galax since flowers have become rather scarce.

Visitors: "Sprinkle-proof" Sam Seligman, representing Wertheimer Bros., New York City, and J. F. Donaldson, Sparta, Ky. H.

Ft. Wayne, Ind.

A heavy fall of snow and zero temperature has interfered with the production and delivery of flowers, but the demand continues heavy, funeral work having the greatest call and the social season seems to be at its height and a consequent big demand for decorations and corsages. The scarcity of flowers is confined chiefly to roses and carnations, the latter being almost at a premium. The smaller flowers, such as tulips, jonquils, narcissi and primulas are in good supply and sweet peas are arriving in fine condition.

NOTES.

Miss Mildred Flick, of the Flick Floral Co., has gone to Toledo, Ohio, to visit Miss Helen Patten, of the Patten Flower Shop in that city. Miss Clara B. Flick, who is visiting Miss Patten, is suffering from a severe attack of grippe. The Flick Floral Co. has been busy with funeral orders and out-of-town weddings.

The Fort Wayne Flower Shop, recently reported as having discontinued business, has rented another store on Calhoun street, near the former location. Extensive improvements are being made and the new store will be open for business about February 1.

Will Vesey has been on the sick list the past week.

The Doswell Floral Co. has been busy with decorations and many funeral orders. Their Spencer sweet peas are the best seen in this market, and their single violets continue to come in fine quality and good quantities. The cut of roses and carnations has been necessarily small.

The automobile show which was held here last week attracted large crowds. The floral decorations were elaborate, many ferns, palms and cut flowers being used.

W. J. & M. S. Vesey are cutting fine cattleyas. Their rose crop is not as heavy as usual, owing to the dark weather. H. K.

WHY

send several wires to receive back a reply "impossible to fill," when a wire sent to us will bring you the goods. We have a large supply in spite of the fact that many wholesalers have but little with which to fill their orders.

HEAVY SUPPLY

Beauties, Orchids, Roses, Carnations, Lilies, Valley,
Violets, Sweet Peas, Stevia, Tulips, Mignonette,
Narcissus and all other Cut Flowers and Greens.

You can increase your profits and business
by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Nashville, Tenn.

SUPPLY SUFFICIENT FOR ALL DEMANDS.

This locality is having its first experience of wintry weather during the past week and the flower supply has diminished somewhat, though the florists manage to have a sufficient supply for all demands with a good clean up each day. There are an abundance of cyclamens and rush sales have been made with these pretty flowers as a leader. Roses and carnations are doing fairly well with no surplus. There have been numerous social affairs with plenty of funeral work and many weddings, all of which has combined to make business good. Prices are holding their own with possibly a slight advance.

NOTES.

The Joy Floral Company had a very good week and has a number of good wedding orders entered for next week. They have had good roses and carnations, but are a little short on other flowers. They conducted a very successful cyclamen sale Saturday and had wonderful success, the prices running from \$1 to \$1.50 per plant. They have inaugurated quite an attractive little scheme which is termed the "Joy Club." A card in the window invites one to join the "Joy Club." This is to furnish a daily supply of flowers for a given sum and is working very nicely with a good lot of members, and is quite satisfactory both to buyer and salesmen.

The Tennessee Horticultural Society and State Nurserymen's Association will meet in this city, January 27. This association is doing a good work and is increasing in interest and attendance all the time.

The L. H. Haury & Sons Company have effected their change of location

and are now in a very pretty store at 625 Church street, which is nearer the centre of the flower market than was their former store. They expect to do a good business.

Geny Bros. had a fine week, using up their entire supply and keeping their force busy. They have a fine lot of pot cyclamen and report good sales. They expect a busy week next week and have many nice advance orders booked.

The McIntyre Floral Company has been doing a good business since the holidays and have been very successful with a wholesale business, which has served to keep up with the daily supply. They have quite a lot of funeral work. M. C. D.

Detroit.

UNUSUAL DEMAND CONTINUES.

Continued scarcity of flowers of all kinds with a spirited demand quite as continuous are the features of trade affecting this market the past two weeks. Growers, remembering their experience with a glutted market during the same period a year ago, sought to escape similar conditions this year and timed their crops accordingly, but unfortunately for them as well as the retailers, general conditions changed and the result is the greatest scarcity for any season of the year that this market ever felt. Outside sources of supply have been reached, but there, too, conditions seem similar to our own, and the embarrassment continues with little hope for early relief.

CLUB MEETING.

The club meeting, January 11, was fairly well attended, and owing to the absence of President Danzer, Vice-President E. A. Feters presided. A review of the holiday trade by the grow-

ers and retailers present occupied most of the time of the meeting. During the reports and the discussion of the same, it was made evident that all enjoyed the most prosperous holiday trade in their experience and much of it was due to the favorable weather conditions that permitted without any loss, the successful delivery of all plants and flowers, and most of them on time. It was ascertained at the meeting that few, if any, from here would attend the Carnation Convention at St. Louis, but it was learned that many, probably enough to charter a special car, will attend the national flower show at Philadelphia. Report was made to the meeting of the illness of Norman Sullivan, who is confined to Harper hospital the past two weeks with a painful and quite serious attack of rheumatism. The secretary was instructed to convey to him the members' regrets and a committee was appointed to make his room cheerful with flowers. At this writing the patient is improving with hopes of an early recovery. Joseph Streit, recently from Buffalo, and now a partner with M. Bloy, was elected to membership in the club.

Visitors: S. Seligman, Julius Dillhoff and V. L. Oudenbousch, the latter representing Henry & Lee, New York; J. J. Cairns, Philadelphia, Pa.; A. Miller, representing A. Henderson & Co., and M. Johnson, of the A. L. Randall Co., Chicago. J. F. S.

HAMILTON, ONT.—Major John Connnon of the John Connnon Co., Ltd., and a past president of the Canadian Horticultural Association has enlisted and expects to go to the front in the spring with the Hamilton battalion.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

Hagerstown, Md.

The Wm. Bester Greenhouses, representing 50,000 feet of glass are situated in an ideal location convenient to the B. & O. R. R. depot. Thousands of plants, both flowering and vegetable, are grown at this establishment and shipped to all parts of western Maryland, the markets being easily reached by three railroads that enter this city, as well as electric cars to many local village points. The water for this range is supplied by an artesian well, 500 feet deep, a four-inch pipe giving sufficient water to meet all requirements.

The Floralcrofters on Cannon avenue have two acres under glass and ship to Pittsburgh. They have had 20 acres under cultivation for early vegetable plants but intend to sub-lease this spring and devote more time to growing stock for cut blooms, for which the Pennsylvania demand is heavy. At the time of our visit the foreman was busy filling in three elaborate designs with carnations, primulas and callas, edged with North Carolina galax leaves, which are very popular for shipment to Virginia points.

Henry A. Bester & Sons are shipping 1,000 long stem carnations to the Baltimore markets daily from their new range. This contains 45,000 feet of glass and is heated with two boilers of 250 H. P. each. Including the East Baltimore street establishment, where the office is located they have a total of 80,000 feet. Henry A. Bester, Jr., reports the demand for cut blooms especially good, even the Washington county Quakers buying flowers, which is considered remarkable.

Miss Mary Bester, one of this city's popular floral artists supplies the Hamilton Building Flower Store with the products of the Potomac Street Greenhouses, besides buying cut blooms from the best Pennsylvania growers. Foreman Gus Burger has produced a novelty in a new pink tomato, delicate in taste, growth smooth and uniform in size. It is much appreciated in the local markets.

J. E. K.

Tri-City Florists' Club.

The January meeting of the Tri-City Florists' Club was held at the residence of J. Staack, Moline, Ill., and it is to be regretted that the extremely cold weather caused a comparatively small attendance. President Bills, being unable to attend, Vice-President C. Sorensen called the meeting to order. It was decided to call a special meeting of all committees connected with the meeting and exhibition of the Illinois State Flor-

ists' Association at Moline, March 7-8, and get down to active work to make the meeting a success. R. M. C. Rohlf's name was added to the publicity committee. J. Staack, C. O. E. Boehm and L. Stapp were named as a committee to arrange a list of topics for discussion at the monthly meetings of this society during the ensuing year. The February meeting will be held at the residence of the secretary at Bettendorf, Ia.

WM. GOOS, Sec'y.

Boston:

MARKET HOLDS FIRM.

Business held up to its high standard during the past week. Although there are more flowers coming in, prices have not declined to any marked degree. Roses held up well the whole week, average grades bringing from \$4 to \$20 per 100. Ophelia, Hadley and Russell are the best sellers, although not much difficulty is experienced in disposing of any kind. Carnations still remain scarce as nearly every grower is off crop. The demand is for the pink varieties, Pink Delight, Ward and Alice being the most popular. The price holds up well at \$5 to \$6 per 100. Snapdragon is coming better every cut, and sells readily at \$1.50 to \$2.50 per dozen. Violets, although not plentiful, equal the demand, 60 cents to \$1 per 100 being realized for them. Orchids are more plentiful than last week, Cattleyas Trianae and cypripedium comprising the bulk of the supply. Yellow Marguerite continue scarce and high in price, \$3 per 100 being the price on first class flowers. Daffodils and tulips are coming in larger shipments, but as yet have no effect on the market. Longiflorum lilies seem to shorten in supply, and \$12 per 100 is received for good flowers. Lily of the valley sells well at 4 cents. The plant trade is good, but not many are to be obtained at this time.

NOTES.

Donald Carmichael, of Wellesley, Mass., has a good crop of carnations considering the dull weather we have been having. The flowers are coming good in size and color and his stock looks very healthy and strong. He grows a sport of Enchantress, which is darker pink than its parent and does not have such a full center. He is also marketing some very nice myosotis.

J. T. Butterworth, of Framingham, Mass., is cutting a good supply of orchids at present. Among them were noted some very fine flowers of Laelia anceps alba, Cypripedium Lecanum hybrids, phaleonopsis, dendrobiums, Cattleya labiata, and C. Trianae. He

Budlong's
Blue Ribbon Valley.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00

Special price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

also is cutting Tulips Yellow Prince and Lorraine and will have a supply of hyacinths within a week.

J. K. Chandler & Son, of Tewkesbury, Mass., are commencing to rectify the trouble they have been having with their new house in windstorms by drilling all the split tees and fastening them to the upright supports by means of a bolt. They are marketing some very good violets and carnations at present.

The Massachusetts Horticultural Society has announced an additional list of prizes for the spring show in May. It will, without doubt, be one of the best shows ever staged at Horticultural hall as the complete list of prizes is very complete and generous.

Thomas Roland, of Nahant, Mass., has commenced cutting very fine Spencer sweet peas from his new house. His roses also are coming in good crop, Ophelia and Ward being especially fine. He is cutting a good supply of Cattleya Trianae.

Philip Sullivan, of the firm of Sullivan and McGrath, Dorchester, Mass., died of consumption, Monday, January 10.

H. L. Cameron, of North Cambridge, Mass., is shipping some fine cinerarias in four inch pots.

Mrs. Thomas Cox, of Dorchester, Mass., is very ill as the result of a fall.

The bowling league met January 13 at the Boston alleys. J. Bresnahan, of the Pansies, rolled high score with 132. He also has the high individual average for the season so far with 101. The standing of the teams is as follows:

Galvin	38	10
Flower Market	33	15
Carbone	31	17
Zinn	22	26
Flower Ex.	19	29
Robinson	19	29
Pansies	19	29
Mc & Mc	11	37

F. L. W.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for.....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50

Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 468

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	\$6 00@ \$7 50
.. " 36-in.....	5 00
.. " 30-in.....	4 00
.. " 24-in.....	3 00
.. " 20-in.....	1 50@ 2 00
.. " 18-in.....	1 00
.. Mrs. Chas. Russell....	1 00@ 5 00
.. Hoosier Beauty.....	6 00@ 15 00
.. Killarney Brilliant.....	5 00@ 15 00
.. Killarney.....	5 00@ 15 00
.. White Killarney.....	5 00@ 15 00
.. Richmond.....	5 00@ 15 00
.. Prince de Bulgarie.....	5 00@ 15 00
.. Rhea Reid.....	5 00@ 15 00
.. My Maryland.....	5 00@ 15 00
.. Mrs. Geo. Shawyer.....	5 00@ 15 00
.. Milady.....	5 00@ 15 00
.. Sunburst.....	5 00@ 15 00
.. Mrs. Aaron Ward.....	5 00@ 15 00
.. Hadley.....	5 00@ 15 00
.. Ophelia.....	5 00@ 15 00
.. Our selection.....	5 00
Carnations.....	3 00@ 6 00
Cattleyas.....per doz.,	6 00@ 7 50
Gardenias.....per doz.,	3 00@ 4 00
Gladioli.....	2 00@ 6 00
Jonquils.....	5 00
Freesias, Tulips.....	4 00@ 6 00
Lilium Harrisii.....	12 50@ 15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	4 00@ 5 00
Romans.....	3 00@ 4 00
Stevia.....	2 00
Sweet Peas.....	1 50@ 3 00
Valley.....	4 00@ 5 00
Violets, single.....	75@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@ 3 00
Galax.....	1 00@ 1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@ 6 00
Plumosa Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@ 2 50
Sprengeri, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale
Growers of **CUT FLOWERS**

All telegraph and telephone orders given
prompt attention.

162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00
Alice—Salmon shade.....	6.00	50.00
Siegward.....	6.00	50.00
Enchantress Supreme—Light Salmon.....	3.50	30.00
Philadelphia—Rose pink.....	5.00	35.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	5.00	35.00

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benara.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET SELLS UP CLOSE.

The shortage of stock still continues, almost everything selling up very well. There has not been much doing, however, except funeral work, for which some quite large orders calling for choice stock have been quite a factor. The quality of most of the flowers is very good, except that which is cut too green in the anxiety of the growers to send something. Daffodils are now to be had in quantity, but still command a good price. Violets are more plentiful and prices are lower. Gardenias are being offered on the streets for a dime, which shows their scarcity is over. Calendulas are good stock, selling at sight at good prices. Freesias are offered in limited quantities. Snapdragon is still scarce. Good long-stemmed sweet peas are now available and they are improving with each new shipment. Easter and calla lilies are about equal to the demand. Cattleyas are plentiful, and extra choice flowers are seen in some of the store windows marked "Special, 50c." From the green condition of a lot of the stock coming into the cut flower market, it would pay the wholesale men to send out competent instructors to show the growers how to cut, bunch and pack their products. Just one day longer would greatly improve almost all flowers in this dull season. Roses are often seen that are not fit for sale for two or three days after they reach the market, and then do not mature properly, being off color, short petaled, and often so imperfect as to be unsalable. Sweet peas are also often cut too green with very little color, two-thirds of the buds not being open. Every blossom of the spray should be open before it is ready to cut, as they will not open off the vines. The difference in the size of a bunch of sweet peas with half buds and another with wholly expanded flowers is very marked, and must be reflected to the same extent in the returns.

FOURTH NATIONAL FLOWER SHOW.

That Convention hall is too far from the center of the city to attract the crowd, as has been feared by some in selecting it for the flower show, has been proved a fallacy, as the auto exhibition just closed doubled the attendance of any previous show. It is said that the turnstiles show the visitors in the eight days to have totalled over 100,000. The business in the sale of cars and accessories was most satisfactory. The change in the interior of the building was wonderful, the automobile association spending over \$10,000 in laying a new floor, installing heat, and in decorations. The major part of these improvements, which add so materially to the efficiency of the building, have been purchased by the national flower show committee at a price very satisfactory to them, and which will very materially reduce the expected expenses in the preparedness of the building. At the national flower show committee meeting to hear the report of the local committees there was a full attendance, George Asmus, W. F. Kasting, P. Welsh, Thos. Roland, John Young and W. P. Craig being present. The meeting was most enthusiastic, the visiting officials

Wholesale Flower Markets

BOSTON, Jan. 19.

Per 100

Roses, Beauty.....	50 00@75 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@5 00
Sweet Peas.....	1 50@2 00
Carnations.....	3 00@4 00
select.....	4 00@6 00

BUFFALO, Jan. 19.

Per doz.

Roses, Beauty, special.....	6 00
" " fancy.....	5 00
" " extra.....	3 00
" " No. 1.....	2 00
" " No. 2.....	6 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Killarney Queen.....	5 00@15 00
" Richmond.....	6 00@15 00
" Sunburst.....	6 00@15 00
" Ward.....	4 00@8 00
" Taft.....	6 00@15 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Shawyer.....	6 00@15 00
" Bon Silene.....	4 00@5 00
Lily of the Valley.....	4 00
Lilies.....	10 00@12 00
Cattleyas.....	75 00
Carnations.....	3 00@6 00
Snapdragons.....	6 00@10 00
Violets.....	1 00@1 25
Yellow Tulips.....	4 00@5 00
Daffodils.....	5 00@6 00
Asparagus Sprengeri.....	35@50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Jan. 19.

Roses, Beauty.....	per doz., \$1 50@16 00
" Killarney.....	3 00@8 00
" My Maryland.....	3 00@8 00
" Richmond.....	3 00@8 00
" Taft.....	3 00@8 00
Lily of the Valley.....	4 00
Lilium Giganteum.....	10 00
Asparagus Plumosus.....	per bch., 25c
Orchids.....	per doz., 6 00@7 50
Carnations.....	4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	75@1 00
Narcissus.....	2 00@3 00
Sweet Peas.....	75@1 00

being very much pleased with the progress of the work. W. F. Therkildson's work in advertising was especially commended. His posters, show cards, posterettes and other publicity matter was seen to be of a very high order. Reports of other committees insure a splendid line of exhibits. Already quite a large attendance is assured from the tickets ordered by the trade, 3,500 having been ordered by a comparatively few, the great bulk of the trade still to be heard from. Twenty-five dollars per hundred, with the name of the firm ordering printed on them, is the price for this quantity. Efforts are being made to find donors who will provide tickets for the school children of which there are about 350,000.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock

Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale
Florists' Exchange

ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Deutscher & Glazer, Wholesale Florists

1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

NOTES.

One large house and half of another have been planted with shamrocks in 2 inch pots by W. K. Harris. There are over 75,000 pots in all. Primula Malacoides is also a feature here. Both W. K. Harris and Mark Mills are pulling hard for the flower show.

H. A. Dreer, Inc., are handling kentias in quantity. Their home-grown stock is in splendid shape. Phoenix Roebelenii is also a feature, they having the largest stock of this valuable plant in the world.

Orchid sweet peas, choice roses and high grade carnations were headliners with Berger Bros. the past week. Freesia is one of their novelties.

American Beauties, cattleyas, gardenias and orchid sweet peas are leaders with the Leo Niessen Co. A good business is reported.

Splendid cyclamens are being sent in by the Robt. Craig Co. Nothing like them has ever been seen before in this market.

The Philadelphia Wholesale Cut Flower Co. is handling splendid Russell roses. Gardenias are a feature.

A clean sweep every day is the way Edward Reid puts it. Special American Beauties are a feature here.

Visitor: H. B. Jones, Cleveland, O.

K.

HOUSTON, TEX.—Vice-President R. C. Kerr of the Society of American Florists, will attend the meeting of the Tennessee State Florists' Association, at Nashville, January 24, in the interests of the society where he will deliver an address on what the coming of the society means to southern florists.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Jan. 19.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" " first.....	8 00@10 00	
" " Mrs. Chas. Russell.....	8 00@15 00	
" " Killarney.....	3 00@10 00	
" " White Killarney.....	3 00@10 00	
" " Liberty.....	5 00@15 00	
" " Mock.....	6 00@15 00	
" " Hadley.....	8 00@12 00	
" " Bulgaria.....	4 00@10 00	
" " Sunburst.....	4 00@12 00	
" " Ophelia.....	3 00@ 8 00	
" " Hoosier Beauty.....	4 00@ 8 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	8 00@10 00	
Lily of the Valley.....	3 00@ 5 00	
Asparagus.....	per bunch. 50	

PITTSBURGH, Jan. 19.		Per 100
Roses, Beauty, special.....	50 00	
" " fancy.....	40 00	
" " extra.....	20 00@30 00	
" " No. 1.....	12 00	
" " Killarney.....	4 00@12 00	
" " My Maryland.....	4 00@12 00	
" " Sunburst.....	4 00@12 00	
" " Mrs. Aaron Ward.....	4 00@10 00	
" " Richmond.....	4 00@15 00	
Carnations.....	4 00@ 5 00	
Cattleyas.....	75 00	
Lilium Giganteum.....	12 00	
Valley.....	4 00	
Adiantum.....	1 25	
Asparagus Sprengerii, per bunch.....	35@40	
" " Sprays.....	per bunch. 35@40	
Sweet Peas.....	75@ 1 50	
Narcissus.....	4 00	

MILWAUKEE, Jan. 19.		Per 100
Roses, Killarney and W. Killarney.....	6 00@12 00	
" " Ward, Sunburst.....	6 00@15 00	
" " Mrs. Chas. Russell.....	10 00@40 00	
" " Richmond.....	4 00@12 00	
" " Ophelia.....	6 00@15 00	
" " Hoosier Beauty.....	6 00@15 00	
Carnations.....	4 00@ 6 00	
Lilies.....	per doz., 2 00	
Snagdragon, per bunch, 25c@50c.....		
Valley.....	4 00@ 5 00	
Daisies.....	50@ 75	
Cattleyas.....	per doz., 6 00@7 50	
Violets, choice Wisconsin grown.....	1 00@ 1 50	
Stevia.....	1 50@ 2 00	
Narcissus.....	3 00@ 4 00	
Sweet Peas.....	1 00@ 2 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Jan. 19.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" " medium.....	20 00@25 00	
" " short stems.....	8 00@15 00	
" " Killarney.....	4 00@10 00	
" " White Killarney.....	4 00@10 00	
" " Aaron Ward.....	4 00@10 00	
" " Sunburst.....	5 00@10 00	
" " Ophelia.....	6 00@12 50	
" " Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	4 00@ 5 00	
Orchids.....	50 00@60 00	
Asparagus Plumosus, per bu.....	25@75	
Harrisii.....	10 00	
Ferns.....	per 1000, 2 00	
Bronze Galax.....	per 1000, 1 25	
Mexican Ivy.....		

New York.

CLEAR WEATHER BRIGHTENS MARKET.

The weather throughout the greater part of the past week was dark, rainy and muggy—just the kind of weather that is hard on greenhouse stock, and also has a depressing effect on humanity. As a consequence, considerable rose and carnation stock arrived in a soft and unsatisfactory condition. Business was also a little slack until January 14, when the weather cleared and turned colder, the mercury going as low as four above zero on the night of January 14. The market then braced up and took on new life. On the morning of January 15, the market was nearly cleaned out of roses by 9 o'clock at good prices. Special American Beauties reached \$60 and \$75 per 100, other special roses, according to variety \$12 to \$25. No. 1 brought \$8 and No. 2 \$5 and \$6. As has been the case for some time, the short roses were scarce. Carnations, though the supply is slowly increasing, hold up to \$4 and \$6 per 100. Orchids and violets continue cheap. On January 15, 35 cents per flower was the best wholesale price for cattleyas and 35 cents per 100 the best for double violets. The narcissi, tulips and freesias are all moving well at good prices, as will be noted by reference to our regular table of quotations. While gardenias are more plentiful and somewhat cheaper, there was some stock on the market the past week that wholesaled at \$6 per dozen. The supply of sweet peas is increasing, but the best of the orchid flowered wholesale at \$1.50 and \$2 per 100. With a few days of clear sunshine, the indications are that the supply of stock, particularly carnations and sweet peas, will be largely increased. We make an exception in regard to American Beauty roses, as we will expect the supply to be light for some time to come.

January 17.—The sudden cold snap has again checked the supply of stock and prices are high. All stock that is good is quickly taken.

NOTES.

We learn that Charles A. Dards, the well-known retailer of Madison avenue and 44th street, has retired from the active management of his florist business, which will hereafter be conducted by his son-in-law, Mr. Perry, who for several years has been in charge of the 72d street store. Mr. Dards has been in business in this city for over 40 years and has established a fine reputation as a florist, an upright business man and good citizen. He has also been very successful; he owns the building where his store, Madison avenue and 44th street, is located, and we believe, other real estate in that locality. Though he has been long in service, he is yet an active man, and we do not expect to lose sight of him.

Two police officers visited the wholesale district Sunday, January 16, and served summonses on owners of auto trucks and chauffeurs whom they found hauling non-perishable goods. This action was taken under the provisions of the Sunday closing act, which specifies that only work of charity, necessity or mercy shall be done on Sunday. It is not believed that any drastic action will be taken relating to the delivery of cut flowers shipped by a grower, they being perishable would seem to come under the exception of necessity. As to various other activities, a final decision will be awaited with interest.

J. H. Small & Sons arranged an elaborate decoration in the grand ball room of the Waldorf-Astoria hotel, January 12, for the banquet given by the Pan-American Society of the United States to the delegates to the Pan-American congress, which has

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.60 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

been in session in Washington. One hundred and eighty persons, delegates and their friends, came from Washington. In addition to a lavish display of palms, ferns and smilax, the banquet hall was decorated with the flags of all the nations represented. Roses and carnations were used on the tables. Twelve hundred persons were present.

A joint conference of committees from the Wholesalers' Protective Association and the Associated Retail Florists, Inc., was held at the Hotel McAlpin, January 11, the object being to promote a better understanding between these two branches of the trade. The wholesale association was represented by Walter F. Sheridan, A. M. Henshaw and Secretary Smith; the Associated Retail Florists by G. E. M. Stumpp, Chas. H. Brown and Secretary W. H. Siebrecht, Jr. George D. Nicholas represented the Greek-American florists. We understand that the meeting was harmonious.

On January 15, David Clarke's Sons filled a large order and had charge of the floral arrangements for the funeral of Mrs. Elizabeth Newell Drummond, at Greenwich, Conn. Mrs. Drummond, who was 35 years old, died suddenly January 12, of pneumonia. On January 16 they had charge of the funeral of William Lyall at Summit, N. J. Mr. Lyall was 75 years old and a prominent business man. He died suddenly January 13 on the platform of the Hudson tube, 19th street, this city.

There is an old story of a gardener or florist, perhaps he was both, who was driven insane by trying to grow flowers to look like the pictures of those he had seen in the catalogues. It must be acknowledged that some of the catalogues are gorgeous affairs. The dahlia catalogue of Geo. L. Stillman, Westerly, R. I., just received, is not of the circus-poster variety. It is a good catalogue and also contains many useful hints on dahlia growing.

Ex-President Welch of the S. A. F. was in this city January 14 on his return from Philadelphia, where he attended a meeting of the national flower show committee. He states that there is a bright outlook for a great show. He emphasized the splendid work being done by the local committees of Philadelphia. Thomas Roland, Boston, was also a visitor.

Herman Weiss, who for several years has been manager of the wholesale store of D. C. Arnold & Co., 112 West 28th street, has resigned the position. George O. Sullivan, an experienced man in the business, who has been a salesman with this firm for a year, was temporarily in charge of the store, but Mr. Arnold has now taken personal charge of the establishment.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

Richard Vincent, Jr., White Marsh, Md., Geo. L. Stillman, Westerly, R. I., and James Duthie, Oyster Bay, N. Y., attended a special meeting of the American Dahlia Society, which was held at the Grand hotel in this city, January 12. P. W. Popp of Mamaroneck, N. Y., was also a visitor on business connected with the society.

The first annual dinner and smoker of the Associated Retail Florists, Inc., and the Greek-American Florists' Association will be held at the Hotel Breslin, Broadway and 29th street, Monday evening, January 31.

John B. Nugent, of Young & Nugent, has of late been very busy with funeral work. On January 12 his force made up over 20 wreaths and a number of sprays.

We found Adam J. Scott of West New Brighton, S. I., quite busy with funeral work. In addition to a good store he has a considerable glass area.

George J. Polykranas, the wholesaler of 104 West 28th street, has just put on a fine Ford car for delivery.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

NEW YORK CITY

Telephone:
3864 Farragut.**BADGLEY & BISHOP, Inc.**

Successors to Badgley, Riedel & Meyer.

Phones { 1664 Madison Square, 34 W. 28th St., New York

Receivers and Distributors of

CHOICEST CUT FLOWERS**Riedel & Meyer, Inc.**

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No. 42264 Farragut.

J. J. COAN, Inc.

Wholesale Commission Florist.

115 W. 28th St., NEW YORK

Telephones: Farragut 5413 and 5891.

Fine stock of the best varieties of
Roses Francis Scott Key, Sunburst,
Ophelia, Hadley, Russell and other
Leading Varieties.

Fine Carnations in variety, Chrysanthemums, Bouvardias, Sweet Peas, Asparagus Plumosus Nanus, Smilax and Paper White Narcissus.

Send Your Christmas Orders.

34 Years Experience in the Florist Business.

Consignments Solicited.

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Farragut 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phones: 558, 2036, 2037 Farragut.

20 Years' Experience.

A. J. Guttman, of Guttman & Raynor, Inc., will attend the American Carnation Society's convention and exhibition and will be an exhibitor. His firm is now receiving carnations from the Cockcroft ranges, Northport, N. Y.

Mrs. Retta E. Rankin, manager of the House of Ferns, 41 West 28th street, reports good business. She has constantly on hand an excellent supply of A. plumosus nanus.

John J. Coan, 115 West 28th street, who has been very successful since starting in business for himself a short time ago, is now receiving fine American Beauty roses.

George C. Siebrecht, 109 West 28th street, is now receiving fine sprays of acacia from the range of his father, W. H. Siebrecht, Sr., Chappaqua, N. Y.

At the store of A. E. Ehmann, 2112 Broadway, we have recently noticed a fine collection of the large flower dishes that are now much in vogue.

Wholesale Flower Markets

NEW YORK, Jan. 19.	Per 100
Roses, Beauty, special.....	50 00@75 00
" extra and fancy.....	30 00@40 00
" No. 1 and No. 2.....	10 00@15 00
Prima Donna, special.....	15 00@30 00
Alice Stanley.....	6 00@15 00
Francis Scott Key, special.....	15 00@20 00
Mrs. Geo. Shawyer.....	5 00@12 00
White Killarney, special.....	10 00@12 00
Killarney, My Maryland.....	10 00@12 00
" special.....	10 00@12 00
" No. 1 and No. 2.....	5 00@8 00
" Queen.....	4 00@12 00
" Brilliant.....	4 00@12 00
Aaron Ward.....	4 00@15 00
Richmond.....	3 00@12 00
Sunburst.....	4 00@15 00
Taft.....	4 00@12 00
J. L. Mock.....	4 00@15 00
Hadley.....	4 00@40 00
Ophelia.....	4 00@15 00
Mrs. Chas. Russell.....	4 00@15 00
Hoosier Beauty.....	4 00@15 00
Cattleya Orchids, special.....	35 00
inferior grades.....	10 00@20 00
Oncidiums.....	per flower, 3c
Cypripedium.....	per doz., \$1.50@2.00
Lilies, Longiflorum and Harrisii.....	10 00@12 00
Lily of the Valley.....	4 00@5 00
Carnations.....	4 00@6 00
Bouvardias.....	2 00@4 00
Adiantum Croweanum and Hybridum.....	50@75
Asparagus Plumosus.....	doz. bchs. 2 40@3 00
Smilax.....	doz. strings. 1 00
Gardenias.....	per doz., 2 00@4 00
Violets, single.....	40@75
double.....	30@35
Sweet Peas, orchid flowered.....	2 00
common.....	1 00@1 50
Mignonette.....	per doz., 50c@75c
Pansies, cut.....	75@1 25
Narcissus, Paper White.....	3 00@3 50
Narcissus, Trumpets.....	6 00
Freelias.....	3 00@4 00
Tulips.....	3 00@4 00
White Lilac.....	per bunch, \$1.00@\$1.25

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut 4422

PERCY W. RICHTERS, Manager.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly

Charles Schenck

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other best products of the leading growers.
Consignments solicited.**WM. KESSLER**

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Farragut 2164-5893

119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

M. C. Ford121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Farragut.

CONSIGNMENTS SOLICITED



QUALITY FOLDING VALENTINE BOXES SERVICE

Make your selection from the following sizes:

	Per 100
10 x 6 x 5½.....	\$5.50
12 x 8 x 5½.....	6.50
24 x 5 x 3½.....	5.75
30 x 5 x 3½.....	6.50
24 x 8 x 4	7.25
28 x 8 x 4	8.00



YOU will no doubt want an assortment of these for Valentine Day. Printed in two colors, Red and Gold, as shown in the design, with the red heart embossed, they make a very handsome package. At the prices quoted you can well afford to give these to the customer without charge, and thus obtain considerable good advertising.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

There are many expressions of regret, both among wholesalers and retailers, on account of the illness of Thomas Martin of Traendly & Schenck's staff. He has been well and favorably known in this district since the days when he wore knickerbockers, and even earlier, for he was born in "Old Greenwich Village," a name that as a matter of sentiment, clings to one of the populous sections of Manhattan. All wish him a speedy recovery.

The MacNiff Horticultural Co. has leased another building in addition to those already occupied. This new building is No. 52 Vesey street and is a five-story and basement structure. When alterations are completed this firm will occupy buildings Nos. 52, 54 and 56 Vesey street. One building will be reserved for the seed department and the other two will be devoted to the auction business.

Chris Boeche of Castleton Corners, Staten Island, has a fine crop of carnations which he ships to a leading wholesaler of this city. He is also propagating a large stock of plants, hydrangeas, geraniums and other bedding plants being noteworthy. Mr. Boeche has the sympathy of the trade on account of the serious and lingering illness of Mrs. Boeche.

Alex S. George of 42 Richmond terrace, Staten Island, has been very successful with his new store, which he opened last fall. He handles good stock of both cut flowers and plants. He also has flower stands in both the St. George and New York ferry terminals.

Frank Murphy, well and favorably known as a salesman in the rooms of the New York Cut Flower Co., and who recently sold the product of the Cockcroft ranges, Northport, L. I., has secured a position with the city and is located at Borough hall, Brooklyn.

At the inauguration of the board of aldermen, January 3, Leo Klein, 767 Lexington avenue, sent the largest floral horseshoe that anybody remembers seeing in the chamber. It was ordered in honor of Hon. Thomas M. Farley, a member of the board.

J. J. Coan, the wholesaler, of 115 West 28th street, is now handling fine stock from the range of A. V. D. Snyder, Ridgewood, N. J. In addition to tulips and other cut flowers, there are many fine plants of azaleas and primroses.

James Conlon, the Smith street, Brooklyn, florist, has recently had large orders for funeral work.

The Flower Basket Shop, 147 West 44th street, which is conducted by two ladies, had a successful holiday trade and continues to do a good business.

Riedel & Meyer, Inc., 49 West 28th street, are receiving exceptionally fine freesias, old-fashioned jonquils and yellow daisies.

A. F. F.

Tarrytown Horticultural Society.

The seventeenth annual dinner of the Tarrytown Horticultural Society was held in the Florence Inn, Tarrytown, N. Y., January 11, and proved to be one of the most delightful affairs in the history of that well-known organization. At 7:30, when Secretary E. W. Neubrand announced that supper was ready, members of the society found the banquet hall beautifully decorated and sat down to a repast that required an hour and a half to do full justice to, after which came the speechmaking, always a feature of the society's dinners. President Featherstone welcomed those present and then introduced Charles Vanderbilt, the toastmaster of the evening. President F. R. Pierson cordially supplemented the welcome of Mr. Featherstone and highly complimented the society which he said was a credit to the community whose value was underestimated. He spoke of the quality and general finish of its exhibitions, calling attention to the fact that last year nearly \$800 was awarded in premiums. The society's membership, numbering 207, and \$2,380 in the permanent fund, showed the organization to be prosperous.

Dr. Carroll Dunham of Irvington was the next speaker and his treatment of his subject and his experiences covered a period of 25 years in the growing of plants afforded his hearers much pleasure and information. On his estate of six acres he has more than 500 varieties. Wm. R. Bull of Port Chester followed and said many pleasant things about the society and its members. Judge Young, who has been a guest at many of the society's dinners, was greeted with a genuine ovation when he was called upon to speak, his well chosen remarks listened to with the same rapt attention as in past years and when he finished all present were on their feet and drank to his health. A number of city officials, including Supervisor Millard,

Retail Florists



Now is the time to prepare your advertising for January, February, March and April, covering

St. Valentine Day Mother's Day
Easter Spring Planting

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF - SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

Mention the American Florist when writing

Comptroller Patteson and Corporation Counsel Davison were interesting talkers. The Rev. Lucas Boeve spoke on "Development" and his talk was much enjoyed.

The Rev. J. J. Henry spoke on the subject of "Manhood," and after getting his audience from the start with several witty stories, he dwelt on the serious side and praised the good work horticulturists were doing in brightening the lives of their fellow men. Letters of regret were received from J. Austin Shaw, Judge J. Addison Young, County Clerk Daniel Cashin and others. During the evening a splendid musical programme was rendered and when "Auld Lang Syne" was sung at 11:30 it was voted that the affair was one of the most enjoyable in the history of the society.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevens & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL.
Western Union Code.

New York. Washington, D. C.

**J. H. SMALL & SONS,
FLORISTS**

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:

We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market

Members of Florists' Telegraph Delivery Ass'n.



522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

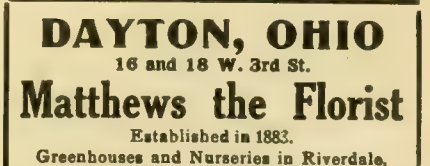
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing



DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

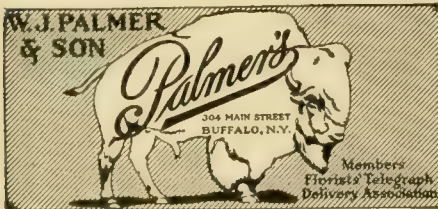
For Wisconsin Delivery

—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists
Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10, W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews Floral, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Balocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fettes, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros., & M., Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON

D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE,
President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

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1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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Member Florists' Telegraph Delivery Association

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Blackstone.

14th and H. Street.

Brooklyn, N. Y.

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334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch 1808

426 Madison Ave.

And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists
Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The E. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bdg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Mathewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gud. Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN INC.

561 Fifth Ave.
NEW YORK Vanderbilt Hotel
1 Park Street
BOSTON 799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller the Florist
222 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman
(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.

Grimm & Gorly

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n

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CHICAGO
The Palmer House
Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Sedalia, Missouri

Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

DREER'S RELIABLE FLOWER SEEDS

In spite of the War we have received from many of our regular growers our usual supply of high-grade flower seeds and are ready to take care of your orders. We offer below a few items that it is well to sow early. For complete list see our Wholesale Catalogue just issued. If you have not received one, we will be pleased to send a copy to any florist on request.

	Trade Packet	Oz.
ABUTILON Choicest mixed	\$0.30	\$2.00
AGERATUM Imperial Dwarf Blue.....	.10	.30
" " " White .....	.10	.30
ALYSSUM Carpet of Snow.....	.15	.50
ASTER Queen of the Market Bright rose.....	.25	1.00
" " " " " Crimson .....	.25	1.00
" " " " " Lavender .....	.25	1.00
" " " " " Pink .....	.25	1.00
" " " " " Purple .....	.25	1.00
" " " " " White .....	.25	1.00
" " " " " Finest Mixed .....	.20	.75
BEGONIA Gracilis rosea .....	.30	...
" Vernon, red .....	.30	...
" Semperflorens mixed .....	.30	2.00
CANDYTUFT Empress .....	.10	.20
CELOSIA Cristata Glasgow Prize .....	.30	1.50
" Plumosa Thompson's Superb .....	.20	.60
CENTAUREA cyanus Double Blue.....	.15	.60
" Candidissima .....	.40	2.00
" gymnocarpa .....	.15	.40
CINERARIA maritima candidissima .....	.10	.25
COBAEA scandens blue .....	.15	.40
" " white .....	.20	.75
DRACAENA indivisa .....	.10	.30
" " lineata .....	.15	.50
" Australis .....	.15	.50



Dreer's Double Blue Cornflower.

	Trade Packet	Oz.		Trade Packet	Oz.
GREVILLEA robusta .....	.25	1.00	SALVIA splendens .....	.25	1.25
GRASS Pennisetum Ruppelianum .....	.10	.30	" " Bonfire .....	.50	2.50
HELIOTROPE Lemoine's Giant .....	.30	1.50	" " Zurich .....	.50	4.00
" Finest mixed .....	.25	1.25	SMILAX .....	.10	.35
IMPATIENS Sultani .....	.50	...	SOLANUM Capsicastrum .....	.10	.25
" Holsti Hybrids .....	.50	...	" Fra Diavolo .....	.15	.50
IPOMOEA grandiflora .....	.15	.40	THUNBERGIA mixed .....	.15	.60
LOBELIA Crystal Palace Compacta .....	.25	1.25	TORENIA Fournieri .....	.50	2.50
" Gracilis .....	.15	.50	VERBENA Dreer's Mammoth Pink.....	.30	1.50
" Speciosa .....	.15	.50	" " " Purple .....	.30	1.50
MAURANDIA mixed .....	.25	1.00	" " " Scarlet .....	.30	1.50
MIGNONETTE Defiance .....	.15	.40	" " " Blue .....	.30	1.50
" Goliath .....	.15	.50	" " " Striped .....	.30	1.50
MUSA Ensete	100 seeds	\$1.00	" " " White .....	.30	1.50
NIEREMBERGIA frutescens .....	.15	.50	" " " Mixed .....	.25	1.00
PETUNIA Dreer's Superb Single Fringed..	.50	...	" " " Lemon scented .....	.30	1.50
" " " Double Fringed. 500 seeds	\$0.75	...	VINCA rosea .....	.15	.60
" " " " 1,000 seeds	1.50	...	" " alba .....	.15	.60
PYRETHRUM aureum .....	.10	.25	" " pura .....	.15	.60
			" " mixed .....	.15	.50

HENRY A. DREER, 714-716 Chestnut St., PHILADELPHIA, PA.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Robert Craig Co...

High
Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty



**Asparagus
Plumosus Nanus**

(NEW CROP—READY NOW)

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

All other seasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

THE Illinois Seed Co., Chicago, is considering plans for a new warehouse.

ONION SETS in storage at Chicago are behaving themselves this tight zero weather.

ROCKFORD, ILL.—R. M. Shumway, who has been on the sick list is again attending to business.

VISITED NEW YORK: J. W. Edmundson, of the California Seed Growers' Association, San Jose, Calif.

CHICAGO.—Prices for grass seed on the Board of Trade, January 19, were as follows: Timothy, \$6 to \$8 per 100 pounds.

HEAVY rainfalls are reported from Los Angeles, Calif., this week, 3.50 inches January 17 and 2.04 inches January 18.

CHAS. M. JACKMAN, representing Vaughan's Seed Store, Chicago, arrived from Europe on the S.S. Espagne, January 19.

THE American Mutual Seed Co., Forty-third and Robey streets, Chicago, is issuing showy circulars offering grass and clover seeds to the retail trade.

LEONARD H. VAUGHAN, of Vaughan's Seed Store, Chicago, is making a western trip. Carl Cropp, of the same firm, who has been under the weather recently is again at his desk.

VISITED CHICAGO: L. R. Shumway, with R. H. Shumway, Rockford, Ill.; J. B. Agnew, Visalia, Calif.; L. B. McCausland, of Ross Brothers Seed House, Wichita, Kans.; C. N. Keeney, LeRoy, N. Y.

MILWAUKEE, WIS.—William Currie finds recreation in curling, a popular game here just now. He was scheduled to sing Die Wacht Am Rhein at the recent board of trade "high jinks."—J. C. Vaughan, Chicago, was a recent visitor.

"SWEET PEAS UP-TO-DATE," is the title of a book just received from W. Atlee Burpee & Co., Philadelphia, Pa., which gives a complete description of all known varieties, including novelties for 1916, with much other matter of interest on these flowers.

THE sudden passing of Albert McCullough on Thursday of last week takes from the American Seed Trade Association one of its most powerful leaders and defenders. Every recent year has brought forward several occasions when this trade has been attacked by state or federal bills, most, if not all, of which were impractical, restrictive and altogether unwise from any point of view. Few men better understood this important phase of seed trade interests or more ably defended it from unjust attacks. His wise counsel, active and successful labors will be greatly missed.

French Bulb Outlook.

A well informed correspondent writing under date of December 22, from the Toulon district, says the Narcissus Paper White acreage is about two-thirds of an average and that of Roman hyacinths is similarly reduced. The narcissus left in the ground last summer are useless for next season's sale, as the bulbs will not be round but divided. Labor is very short here. A year ago the growers relied entirely upon Italian labor now recalled to Italy and wages are about 50 per cent higher. Growers are not keen



The Late Albert McCullough.
See Obituary Page 9.

upon entering into any obligations on account of the possibilities of further demands for military service. Women are not strong enough for work in the bulb fields.

Modern Seed Growers.

The seed grower, if he be proficient in his business, necessarily gives much attention to the subject of cross-breeding and hybridization, whether the processes be artificial or natural.

Natural pollination in the vegetable garden takes place every day throughout the flowering season, provided the weather conditions are favorable. Sometimes it is arrested entirely, as during a prolonged season of rainy days. Pollination is not always followed by fertilization, as there are many intervening processes, and under some conditions it has been demonstrated that pollination is not always necessary to effect fertilization. This seems opposed to all earlier theories, but it is true, and the future scientists may yet by artificial disturbances or shocks develop in some plants vital seeds without the agency of pollination.

We are frequently asked why fruit-bearing vegetables deteriorate, to which we reply that it is caused by years of in-and-in breeding. All breeders of high-class animals understand that in-and-in breeding is disastrous to the keeping up of quality, and just so it is in the vegetable kingdom. Every man is well aware that potatoes deteriorate very rapidly, caused by a worn-down physical strength for want of new blood, and this is because potatoes are a continuation of the same identical plant, the same as grafts on fruit trees. The diseases of previous generations are continued and more strongly fixed year after year. Few potatoes retain their popularity over fifteen or twenty years, as then, because of being worn out by hereditary diseases, they generally deteriorate, both in production and in quality. All garden vegetables show a weakening in quality when inbred for years, and the seed merchant who indefinitely continues to sell seeds produced from constant inbreeding will in time offer something below par.

Scientific cross-breeding is very profitable to the grower for the reason that the seeds produced by the crossing of two varying types have more strength than those other plants produced from similar types; and it is fortunate that this reinvigoration takes place, because if it were not, everything we have in the shape of plants grown from seed would so deteriorate in time as to be unrecognizable. An up-to-date seed grower possesses great opportunities for benefiting himself and the nation by steering, as it were, creative forces into new channels for the strengthening and general betterment of the resultant plants.

Most interesting developments, based upon the early theories of Mendel, expressed now by the term genetics, as applied to heredity and sometimes to the absence of it, have broadened out to include remarkable results in animal breeding, and future scientific men will further develop astonishing results.

As a general thing, perfect pollination is necessary to insure perfectly shaped fruit, as fruit from half-fertilized blooms is generally of misshapen form. This is especially noticeable in fields of melons of any kind, where frequently the most perfect strains of seed produce misshapen fruit, as misshapen cucumbers, watermelons, pumpkins—all generally the result of varying degrees of impregnation.

Another advantage of cross-breeding is that cross-bred plants, as a rule, are less subject to disease than are older established forms, as, for

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

example, fungus attacks on the roots, fruit, and leaves are less serious on hybrids and cross-breeds than on old-established forms.—Extract from the seed catalogue of the D. Landreth Seed Co., Bristol, Pa., 1916.

New York Seed Trade.

William J. Elliott is now able to be at the store every day. Mrs. A. E. Allin, mother of Mrs. Elliott, died December 30, 1915, aged 69 years. She had been a life long resident of this city.

The seed trade district is now rather quiet, the principal business being in preparations for a spring campaign.

The venerable F. W. Bruggerhoff has been suffering from a cold, but is now improved.

In one of the show windows of Vaughan's Seed Store there is quite a mushroom exhibit. Bricks of spawn are stacked up around a box of real mushrooms, which were grown in the cellar. There are also books on mushroom culture.

Weeber & Don are now featuring in their show windows a fine assortment of books on horticultural and agricultural topics.

Memphis Seed Trade.

The Memphis Seed & Plant Co. are now in their new store on Front street. This concern is one of the largest growers of vegetable plants in this section, having over 2,000 hot bed sash and three acres of cold frames.

The Tucker-Mosby Seed Co. are busy filling out-of-town orders and getting out their 1916 catalogue. This firm does a large business both in garden and field seeds and their stock at present is most complete with the exception of beans. As the trade here is mostly for the wax varieties, however, they are not worrying much. Red Valentine beans and Alaska peas are two strong items in their stock.

R. B. Buchanan is now giving his personal attention to the seed department and is mailing out one of the best seed catalogues to be found in the south. He reports trade opening up earlier than usual with a heavy demand for pepper and small seeds.

At the store of Otto Schwill & Co., Inc., everything was found that goes to make an up-to-date seed house. Chas. Heckle of this store reports a very good trade.

All the seed stores in this city are located on Front street and are among the best establishments of their kind to be found in the south.

Catalogues Received.

J. Bolgiano & Son, Baltimore, Md., seeds; W. Atlee Burpee & Co., Philadelphia, seeds for market gardeners and florists; Farmer Seed and Nursery Co., Fairbault, Minn., seeds; Black's Seeds, Albert Lea, Minn., seeds; Valley Seed Co., Sacramento, Calif., seeds; The E. G. Hill Co., Richmond, Ind., roses, carnations, etc.; The Storrs & Harrison Co., Painesville, O., seeds and plants; Perry's Hardy Plant Farm, Enfield, Middx., Eng., seeds; W. W. Johnson & Sons, Boston, Eng., seeds.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snappdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia, Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - NEBRASKA

Watermelon Seed

Send memorandum of requirements from crop 1916, and I will name lowest price.

VELVET BEANS FOR IMMEDIATE SHIPMENT

D. H. GILBERT, Grower,
MONTICELLO, FLA.

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season
to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho MILFORD, CONN.



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz. ..\$2.25

Price list on application.

Cash with order

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Bull's Gold Medal

Chelsea Show 1915

AMARYLLIS

The finest strain in Europe in all shades of color from white and rose to deepest crimson.

	Per 100	Per 1000
Small bulbs.....	50/-	£20
Larger bulbs.....	£5	£40
Strong flowering sized bulbs		
60/- per dozen, £20 per 100		

NOW IS THE TIME

to import in dry bulbs.

—SEND ORDER TO—

William Bull & Sons

Royal Warrant Holders to His Majesty The King
Establishment for new and Rare Plants

King's Road, Chelsea, London, England

COLD STORAGE**VALLEY**

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for £100; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; **TOMATO, LIMA and POLE BEANS**, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

PEDIGREE SEEDS**OUR 1916 CATALOGUE IS READY**

WRITE FOR IT NOW

WATKINS & SIMPSON, Ltd.

12 Tavistock Street, Covent Garden, LONDON, ENGLAND.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO.

WHOLESALE SEED GROWERS

Bruyeres-le-Chatel.

(Seine et Oise)

FRANCE

We are growers of and can offer for immediate delivery as far as unsold,
all varieties of

GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of
BLUE GRASS, TIMOTHY, MEADOW FESCUE, RED TOP, ETC. Correspondence in English

SPIRÆA

Peach Blossom (L. Pink) Per 100 \$7.00

LILY OF THE VALLEY

Best quality, 1000 to case, at \$16.60.

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm.

Bristol, Pa.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Have just received a small surplus of
Japan Grown Freesias and
L. Formosums.

Cold storage **GIGANTEUMS** always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

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THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

**CONTRACT GROWERS OF
HIGH GRADE SEEDS**Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.**James Vick's Sons**

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

Contract Growers OfPepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn**Stokes Seed Farms Co., Inc**
Moorestown, New Jersey**Fancy Caladium Bulbs**12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.

Delivery January, February.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.**THE KIMBERLIN SEED CO.**WHOLESALE
SEED GROWERS**SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

GARDEN SEEDBeet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to**S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK**
and Orange, Conn.**ACACIA SEED**I have a surplus of **A. Baileyana**, **A. Floribunda**, **A. Longifolia** and **A. Latifolia**, all 1915
stock. As long as it lasts it will go at \$1.00 per
lb. I have other varieties at regular prices.
Above price is F. O. B. Los Angeles. Make check
payable to**GEORGE H. HOPKINS, Eagle Rock Sta.,**
Los Angeles, Calif.

The Dwarf Pearl Tuberose.

Tuberose**True Dwarf Pearl**Carload lots of bulbs are
in warehouse, frost free,
and ready for shipping.

Per 1000

First Size, 4-6 inches.....\$9.00

Medium Size, 3-4 inches.. 5.00

GladiolusDouble your returns by plant-
ing between the carnations as a
catch crop. Grown by us:

Mrs. Francis King, 1st Size	} Write for Prices and Samples
Augusta, "	
America, "	
Chicago White, "	
Florist XXX Mixed	"

We can also supply "Medium Size"
bulbs of the above varieties.1916 Prices on all leading kinds
are ready.**Vaughan's Seed Store** Chicago
New York**RAFFIA**Natural—Four standard grades.
Colored—Twenty colors.We are headquarters—always carry
several hundred bales in stock. Can ship
any grade in any quantity at a moment's
notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

Elmer D. Smith & Co.
CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Always mention The American Florist
when writing. : : :**Kentias**We have a Fine Stock Ready Now
Kentia Forsteriana

4-inch pots, 16 inches high.....	\$0.25
6-inch pots, 28-30 inches high.....	1.00
6-inch pots, 36 inches high	1.50
7-inch pots, 40-42 inches high	2.50
7-inch pots, 38-40 inches high.....	2.00
9-inch combination in green tubs, 4 1/2-5 feet high	5.00

Kentia Belmoreana

4-inch pots, 16-18 inches high.....	\$0.35
6-inch pots, 22 inches high.....	1.00
6-inch pots, 24-26 inches high.....	1.25
6-inch pots, 30 inches high.....	1.50

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.**Landscape Gardening**A course for Garden-
ers, Florists and Home
makers, taught by
Prof. Beal of Cornell
University.Progressive florists
recognize the growing
importance of a knowl-
edge of landscape art.We also offer a prac-
tical course in Flori-
culture, including Greenhouse Con-
struction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

The S.S. Bermudian, which reached New York from Bermuda, January 11, brought 5,599 barrels potatoes and 8,396 crates of other vegetables, including onions, cabbages, etc. The S.S. Saratoga, from Havana, Cuba, January 12, brought 6,512 crates of vegetables.

Prices of Indoor Fruits and Vegetables.

Chicago, January 18. — Mushrooms, home grown, No. 1, 20 to 25 cents per carton; lettuce, cases 20 to 25 cents; radishes, 30 cents to 40 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.25; cucumbers, dozen, \$1.00 to \$1.75.

New York, January 18.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.25 to \$1.50 per dozen; mushrooms, \$1.25 to \$1.65 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.50; lettuce, per dozen, 15 cents to 60 cents.

Electric Light in Plant Culture.

ED. AMERICAN FLORIST:

Would you advise me to use electric lights in my greenhouses at night? I have tried them in a small way but do not notice any material difference in the plants subjected to the light and those not exposed to it. I have been told that plants should not have any light at night since it is natural for it to be dark. I would be pleased to have some information on the subject.

Missouri.

L.

Several experiments have been made in using the electric light for the growth of plants. Favorable results have been noted with some plants and especially with lettuce. The effect is to stimulate growth and thereby hasten maturity. In the case of lettuce this is a decided benefit, especially if in practice a crop could be hastened two weeks as reported in one experiment with head lettuce. Radishes, however, do not always respond or, if they do, the gain may be in leaf development and not in the size of the roots. Some experiments abroad seem to confirm the idea of early maturity with fruit grown under glass. The experiments with flowers have been, as a rule, incidental to the experiments with the plants mentioned. Cornell reported that tulips grown under electric light had longer stems, larger leaves and a richer color, but that after four days the color could not be distinguished from normal plants. Petunias had a tendency to become drawn, while the flowers of verbena and ageratum were discolored under the light. The red, blue and purple colors of certain flowers, verbena, petunia and Chinese primrose, were injured and faded to a dirty white. The colors of coleus leaves were changed when placed un-

der the influence of the light. These results were noted with a 2,000 candle power light, provided with a thin glass shade and located within the greenhouse.

Different kinds of electric lights and lights differently placed have given different results. For example, the West Virginia station, using the incandescent lamps, reported favorable results upon verbena and Bellis perennis, also upon heliotrope, although Cornell had no results with the latter.

From the scientific standpoint there is a great opportunity for further study of this subject for so much depends upon the kind of lamp used, the candle power, the kind of screen used, if any, the distance the plants are from the light, the stage of growth, the temperature and humidity of the house in rendering plants susceptible to injury and, doubtless, other factors. We should certainly know the conditions under which electric light is injurious to vegetation. All these questions are of interest to students of plant growth, even though they may be of little practical value in themselves, for the solution of them may throw light upon other and more practical problems.

The results of the experiments hitherto made are not very conclusive so far as the physiological effect on the most of the plants is concerned. None of the experiments was carried out far enough to show whether all or most of them may not be benefited if the proper conditions are met. If the light is nearly similar to sunlight it is not improbable that many plants grown in greenhouses in winter would be benefited by an extension of the usual light period. The amount of gain, of course, depending upon the locality and the normal amount of sunlight.

So far as the use of electric light by practical growers is concerned, it may be said that it was thoroughly tried in growing lettuce at Boston about 20 years ago. The results, as reported in the journals of the time, were favorable, but it does not appear to have become a continuous or general cultural practice. The effect of light on the cut flower crops was never thoroughly tested, but if it should be found beneficial, the question would arise at once whether the gain was sufficient to pay for the expense of the light. This is probably the reason that the use of electric light in lettuce production has not become a general practice. The full utilization of the natural resources in water power may sometime in the future cheapen the cost so as to enable the florist to use electric light in growing plants.

A. C. BEAL.

Leaf-Spot of Cucumber.

The angular leaf-spot of cucumbers is a disease quite prevalent throughout the eastern and middle western states. It was reported as having been present the past year in Michigan, Indiana, Wisconsin, and New York, as well as the provinces of Ontario and Quebec, in Canada. The disease has also been reported recently from Maryland and other southern states.

The presence of the disease is indicated by angular, dry, brown spots on the foliage, which, by dropping out or tearing, give the leaves a ragged appearance. Although the disease has been known for many years in the field, and has been conceded to be of bacterial origin, heretofore no organism has been named as its cause. As a result of experiments recently conducted by the plant pathologists of the department of agriculture, Washington, D. C., however, the germ causing the disease has been isolated and identified.

It was found that the disease is caused by a bacterial organism entering the leaf through minute orifices in the outer layer, wounds not being necessary to permit infection. Young stems may become soft-rotted or crack open, but no direct connection has been found between the leaf-spot and the soft-rots of the fruit. A heavy infestation, however, often materially reduces the crop by destroying the active leaf surface of the plants.

SAYVILLE, N. Y.—Jacob Becvar is building one large greenhouse on Lakeland avenue.

HOLLAND, MICH.—The Twelfth Street Flower Shop has been opened under the management of Peter Plum and Henry Huizenga.

KNOXVILLE, TENN.—Fire in a section of the city market building December 26 destroyed the store fixtures of Addison J. McNutt.



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Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

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in 7, 8, 9 and 10 in. pans at greatly
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Fernish Ferns in flats and 2½-inch pots a Specialty.

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Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

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Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
10-inch tubs, 40 to 44 inches high, at..... 5.00 each

Kentia Forsteriana, made up, bushy plants, in good tubs.

7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00

8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50

8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00

8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00

9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00

10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50

Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100

Dracaena Terminalis, strong 5-in. well colored.....\$7.00 per doz.; 50.00 per 100

Ficus Elastica, 5-in. pots, 18-in. high, broad leaved, at.....40c

Heliotrope, 2½-in., purple or white.....\$3.00 per 100

Lantanas, 8 varieties, 2½-in.....\$4.00 per 100

Spiraea Clumps, fine grade—**Floribunda**, \$6.00 per 100; **Gladstone**, \$7.00 per 100; **Queen**

Alexandra, \$9.00 per 100; **Superba**, \$6.00 per 100.

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Fine pot plants at \$5.00 per 100, in bud.
Rooted cuttings, \$2.50 per 100, Feb. delivery.
Geraniums, S. A. Nutt, \$12.50 per 1000; Ricard
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Price: \$3.00, postpaid

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held
at Milwaukee, Wis., June, 1916

FRESNO, CALIF.—The Fresno Nursery Co. is now located in new quarters in the Hughes building.

LOS ANGELES, CALIF.—The Bellflower Nursery has been opened on Flower street by H. Campbell.

BULLETIN No. 334 entitled, "Directions for Blueberry Culture, 1916," has been issued by the United States Department of Agriculture. It contains 32 pages, treating of soil mixture, propagating, winter cuttings, yield and profits, etc., and is well illustrated.

HELENA, MONT.—Officers and employees of the State Nursery Company were the guests of President T. E. Mills at a dinner at his residence at the nursery January 7. The dining room floral decorations consisted of red carnations intermingled with palms and ferns. Covers were laid for 34 persons.

EXPERIMENTS with trial orchards by the Wisconsin Horticultural Society have demonstrated that only the hardiest varieties of apples such as Hiberna, Malindas, Duchess and Longfield can be grown in Wisconsin north of the forty-fifth parallel of latitude except in portions of Door and Bayfield counties.

Asiatic Crabapples.

Many of these small trees and shrubs are well covered with fruit this year. When the whole group is considered, few plants are more valuable for garden decoration in this climate if attention is paid to keeping them free from the scale insects which are destructive to all plants of the apple tribe. All the Asiatic crabs are perfectly hardy; they grow quickly in good soil, and many of them begin to flower and produce fruit when only a few years old. No plants are more beautiful at the end of May, when they are covered with their countless pink and white flowers; and on some of them the fruit is showy and long persistent. The original arboretum collection of these plants is on the bank rising from the left-hand side of the Forest Hills road, but there is a larger supplementary collection at the eastern base of Peter's Hill. Here will be found nearly every species and many of the varieties and hybrids of these plants. A few of the conspicuous plants just now are Malus ringo with yellow fruit, interesting as the plant from which the apple cultivated in China has been derived, and the only apple cultivated in Japan until recent years. Malus floribunda and the hybrid raised in the arboretum from that species, Malus Arnoldiana, with yellow fruits, are now conspicuous, as are Malus zumi and M. Sargentii from Japan with bright scarlet fruit; the latter is the only apple which is shrubby in habit. Interesting, too, is the form of the Japanese Malus toringo

from northern China, with small fruits yellow on some plants and red on others. These are only a few of the plants in this large collection which at this time deserve careful study.—Arnold Arboretum Bulletin.

Evonymus Radicans Vegeta.

ED. AMERICAN FLORIST:

I wish you would kindly advise me whether Evonymus radicans vegeta is hardy in Illinois. SUBSCRIBER.

Evonymus radicans vegeta is probably the only broad leaved evergreen we can consider hardy here. It has wintered the past two seasons, and we are increasing the plantings as occasion offers. Shade in winter is perhaps a large factor, but this plant is used to such large extent in the Boston parks and arboretum, and also in the parks in Rochester, N. Y., especially Highland park, with success, we feel safe in advising its use here.

E. O. ORPET.

Washington.

With no stock to be had and business good in every line the florists find conditions far from satisfactory. Most of the stock arriving is very poor in quality, but the prices are high. Roses that should bring \$4 to \$8 are now quoted at from \$12 to \$20. About the only things that are plentiful are lilies and orchids.

NOTES.

Gude Bros. were exceptionally busy the past week with funeral work, which called for a quantity of violets, orchids and lily of the valley. They had to scour the eastern markets to get enough stock to meet their requirements.

Geo. H. Cooke had a very elaborate decoration for Governor and Mrs. Stuart at Richmond, Va. American Beauty and Mock roses and rubrum lilies were used in large numbers.

Geo. Comley, the Georgetown florist, is kept busy these days. He is the only florist in that part of the city, and does not have to worry over cut prices.

S. S. Pennock-Meehan Co. is receiving extra fine jonquils; also fine lilac, which finds ready sale. G. C. D.

UTICA, N. Y.—Brant Bros. will build a range of houses at 1333 Sunset avenue, to cost \$7,000.

DANVERS, ILL.—Fire completely destroyed the greenhouse of Wellenreiter & Son, December 22.

MANITOWOC, WIS.—Henry Levenhagen has opened a flower shop in the Vollendorf building.

PLANS

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Geo. B. Moulder, Smith's Grove, Ky.

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ROSES, CANNAS Shrubbery

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NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
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JOHN WATSON.

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On Canina Stocks

Write for Prices

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15 varieties, 3 inch pots.

75c per dozen; \$6.00 per 100; the set of 15 sorts, \$1.00.

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Superb Double Fringed, 75c per 500 seeds;
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Dreer's Double Fringed Petunia.

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Plumosus, 2 1/4-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Vaughan, Italia, Patry, B. Prince, Bouvier, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Geraniums, 2 1/4-in pots, S A Nutt and other varieties, \$2.50 per 100; \$20.00 per 1000.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3 1/2-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000. —CASH—

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(Red Kaiserin)
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Mme. Ravary
Clotilde Soupert,
\$12.00 per 100.

Unless noted, \$15.00 per 100.

CLIMBING ROSES

	Per 100		Per 100
Climbing American Beauty.....	\$17.50	Hiawatha.....	\$12.00
Crimson Rambler..	12.00	White Dorothy.....	10.00
Excelsa (Red Dorothy Perkins)	12.00		

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All Plants Are Pot-Grown from Best Varieties.

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Nephrolepis Verona A crested fern of the highest type Best of all frilled ferns, 2-in., \$8.00; 2 1/2-in., \$10.00; 3-in., \$12.00 per 100.

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Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Farsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower,
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Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
5-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

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Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
3-in. pot.....	5.....	12.....		2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
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Madame Edouard Herriot.....	\$24.00

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Sinensis, in 24 best named varie-
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Single to color.....	\$13.00
Double to color.....	17.00

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Plant List (Spring 1916) Now Ready.

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Miscellaneous Plants

	2-in. per 100	2-in. per 1000	3-in. per 100	3-in. per 1000
Alternanthera.....	\$2.00	\$18.50	\$3.00	\$25.00
Lemon Verbena.....	2.00	18.50	3.00	25.00
Swainsona.....	2.00	18.50	3.00	25.00
Ageratum.....	2.00	18.50	3.00	25.00
Parlor Ivy.....	2.00	18.50	3.00	25.00
Senecio Argenteus.....	2.00	18.50	3.00	25.00
Alyssum.....	2.00	18.50	3.00	25.00
Coleus.....	2.00	18.50	3.00	25.00
Salvia.....	2.00	18.50	3.00	25.00
Cuphea.....	2.00	18.50	3.00	25.00
Lantana.....	2.00	18.50	3.00	25.00
Petunias.....	2.00	18.50	3.00	25.00

Coleus, Salvia, Ageratum, Heliotrope. Rooted
cuttings, 00c per 100; \$5.00 per 1000.

R. Vincent Jr. & Sons Co.
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Alyssum double giant. 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

AMPELOPSIS.

Ampelopsis Veitchii, new clean seed, \$1.25 per lb. net. Rosa Rugosa, clean seed, \$1 per lb. net. Frank Hadden, 326 Washington, Providence, R. I.

Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$8 per 100. BENJ. CONNELL, Merchantville, N. J.

ARAUCARIAS.

Araucaria robusta compacta, 3 to 4 tiers, \$1.50; \$2.25 each. Excelsa, 4 to 5 tiers, \$1.50; 5 tiers, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2 1/4-inch pots, \$3 per 100; \$25 per 1,000. SPRENGERI, 2 1/4-inch pots, \$2.50 per 100; \$20 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
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ASPARAGUS PLUMOSUS NANUS. Fine 3-inch stock, \$4.50 per 100. Extra heavy 4-inch, \$8 per 100. SPRENGERI, 3-inch, \$4 per 100. THE WAGNER PARK NURSERY Co., Sidney, O.

Asparagus plumosus, 2 1/4-in., \$3 per 100; 3-in., \$6; made-up pans and pots, \$4 per doz. Sprenger, 2 1/4-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus seedlings, July sown; postpaid, 60c per 100; \$5 per 1,000. Berno Floral Co., Orlando, Fla.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/4-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2 1/4-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprenger, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

ASPIDISTRAS.

Aspidistra lurida, 5-inch; \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

BEGONIAS.

BEGONIA LORRAINE. Per 100 Per 1000
2 1/4-inch.....\$12.00 4-inch.....\$35.00
3 -inch.....20.00 5-inch.....50.00

BEGONIA GLORY OF CINCINNATI. Per 100 Per 1000
2 1/4-inch.....\$15.00 3 1/4-inch.....\$30.00
3 -inch.....25.00 4 1/4-inch.....40.00
JULIUS ROEHRS Co., Rutherford, N. J.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$8 per 100; 4-inch, \$15 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

FLOWERING BEGONIAS, 2 1/4-inch pots, 60c per doz.; \$4.00 per 100: Alba Perfecta Grandiflora, The White Rubra, Argentea Guttata, Alba Picta, Fairy, Fuchsoides, Coccinea, Hybrida Multiflora, Mrs. Townsend, Picta Rosea, Sandersonii, Thurstonii.

NEW VARIETIES BEGONIAS.
Doz. Per 100
Coraline Lucerne\$1.00 \$8.00
Gloire de Chatelaine1.00 8.00
Marjorie Daw, Trailing Begonia... .75 5.00
Our catalog of everything you need mailed on application. Write for it today.

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The Largest Rose Growers in the World,
SPRINGFIELD, OHIO.

BEGONIAS.
Per 100
Xmas Red, 2 1/4-in.....\$ 6.00
Xmas Red, 3-in.....10.00
Erfordii, 2 1/4-in.....3.00
Erfordii, 3-in.....6.00
Prima Donna, 2 1/4-in.....3.00
Smithii, 2 1/4 in.3.00
Chatelaine, 2 1/4-in.3.50

ERNEST ROBER, Wilmette, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pützer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, best strain known: Single to color, \$13 per 1000; double to color, \$17 per 1000. R. Van Der Schoot & Son, Hillegom, Holland.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Skimmia Japonica, well berried, \$1. \$1.25, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Giganteum, 7-9, \$7 per 100; case of 300, \$18; 9-10, \$10 per 100; case of 200, \$18. Lilium Formosum, 8-10, \$8 per 100; case of 225, \$17; 9-10, \$9 per 100; case 160, \$14. Magnificum, 8-9, \$6 per 100; case of 200, \$11. Wm. F. Kasting Co., 383-387 Elliott St., Buffalo, N. Y.

Bulbs, Amyrillus, small bulbs, 50/- per 100; £20 per 1000; larger bulbs, £5 per 100; £40 per 1000; strong flowering size, 60/- per dozen; £20 per 100. William Bull & Sons, King's Road, Chelsea, London, England.

Bulbs, Japan grown freesias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

CANNAS.

CANNAS—All the standard varieties, including King Humbert, \$3.50 per 100; \$30 per 1,000. NEW VARIETIES, including Eureka, Firebird, Hungaria, Meteor, Mrs. Alfred Conard, Olympic, Rosea Gigantea, Yellow King Humbert or Queen Helen, etc. Write for prices. Our catalog of everything you need mailed on application. Write for it today.

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Cannas, 1 to 3 eye, Allemania, \$1 per 100. Vaughan, Italia, Patry, B. Prince Bouvier, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

Canna Firebird, 25 strong roots for \$5. Vaughan's Seed Store, Chicago and New York.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.
100 1,000
Aviator\$12.00 \$100.00
Alice6.00 50.00
Good Cheer6.00 50.00
Pink Sensation6.00 50.00
Mrs. C. Edw. Akehurst.....6.00 50.00
Beacon3.00 25.00
White Wonder3.00 25.00
Matchless3.00 25.00
Gloria3.00 25.00
Princess Dagmar3.00 25.00
Benora2.50 20.00
Rose Pink Enchantress.....2.50 20.00
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Enchantress Supreme2.50 20.00
Enchantress2.50 20.00
Mrs. C. W. Ward2.50 20.00
Philadelphia2.50 20.00
Peerless Pink2.50 20.00
Northport2.50 20.00
Conquest2.50 20.00
White Enchantress2.50 20.00
25 or more at 100 rate. 250 or more at 1,000 rate.

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

CARNATION ROOTED CUTTINGS.
Delivery January
We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.
Matchless. Enchantress Supreme.
Mrs. C. W. Ward. White Enchantress.
Beacon. Enchantress.
\$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order.

ELITCH-LONG GREENHOUSES, Denver, Colo.

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, \$6 per 100; \$50 per 1,000. Matchless, Yellow Prince, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Gloriosa, Benora, \$3 per 100; \$25 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

ROOTED CARNATION CUTTINGS.
Taken from the best stock sold in the Chicago market. Ready for immediate delivery:
100 1,000
Enchantress\$2.00 \$18.00
White Enchantress2.00 18.00
Victory2.00 15.00

ZECH & MANN,
30 E. Randolph St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.**ROOTED CARNATION CUTTINGS.**

Fine healthy stock ready for immediate delivery. 100 1,000
 Light Pink Enchantress.....\$2.00 \$14.00
 Winsor 2.00 14.00
 Rose Pink Enchantress..... 2.00 14.00

J. A. BUDLONG,
 184 North Wabash Avenue, Chicago, Ill.

Carnation cuttings, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2 per 100; \$18 per 1,000. White Wonder, \$2.50 per 100; \$20 per 1,000. Champion, \$3 per 100; \$25 per 1,000. Beacon, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS FROM SAND.

Enchantress.....\$15.00 per 1,000
 Nic. Reding, 6731 Ridge Ave., Chicago.
 Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

CHRYSANTHEMUMS.**FINE BEST EARLY CHRYSANTHEMUMS.**

Stock plants full of cuttings now ready.
 Oconto, early white, per plant.....25 cents
 Early Frost, early white, per plant.....50 "
 Crystal Queen, early white, per plant.....50 "
 Golden Queen, early yellow, per plant.....50 "
 Marigold, early yellow, per plant.....50 "
 BASSETT & WASHBURN,
 178 North Wabash Avenue, Chicago.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100 of 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS—20 leading varieties, 2½-inch pots, free from mealy bug, \$2 per 100; \$18 per 1,000. SPECIAL—Dr. Ross or Christmas Gem Coleus, 2½-inch pots, 75c per doz.; \$6 per 100. Our catalog of everything you need mailed on application. Write for it today.

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Coleus, Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria, 2½-inch, \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—IMPROVED WANDSBEK TYPE—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2½-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100. SEEDLINGS—(August) Improved Wandsbek, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; 500 at 1,000 rate. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Boston Yellow, 2½-inch, \$5.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DRACAENAS.

Dracaenas, amabilis, 6-inch., \$1.25 each. Baptistil, 6-inch, \$1.25 each. Massangeana, 5½-inch, 75c each. Imperialis, 5-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

FERNS—Dwarf ferns for table dishes, including such varieties as Holly, Wilsoni, Tensimense, etc. Nice clean stock, \$2.50 per 100; \$25 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
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Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compasta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston and Roosevelt, 5-inch, 25c each. Boston, Roosevelt and Whitmani, 6-inch, 50c each; 10-inch, \$2.00 to \$2.50; 12-inch, \$3.00 to \$3.50 each; Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbak, Ferndale, Askov, Minn.

Dish ferns, 2½-inch, \$3.50 per 100; \$30.00 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns for dishes, 2½ inch \$3 per 100; \$25 per 1,000. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

FUCHSIAS—Now is the time to buy and pot up for spring sales, 2½-inch pots: The new dwarf, free flowering florists' fuchsias: Little Beauty, Lord Byron, Tenor, Ernest Renan and White Beauty. Literally hide the plant with bloom, \$4.00 per 100.

STANDARD VARIETIES Fuchsias, 2½-inch pots: Black Prince, Madame Vander Strass, Phenomenal, Speciosa, \$3.50 per 100.

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THE GOOD & REESE COMPANY,
 The Largest Rose Growers in the World,
 SPRINGFIELD, OHIO.

GERANIUMS.

GERANIUMS—G. & R. Quality, 2½-inch pots. Now is the time to buy and pot up for spring sales; \$3.50 per 100; \$30 per 1,000. Ricard, Poitevine, Harcourt, Viand, Favorite, Castellane, Nutt.

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THE GOOD & REESE COMPANY,
 The Largest Rose Growers in the World,
 SPRINGFIELD, OHIO.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for Nutt, Poitevine, Ricard and La Favorite, \$12.50 per 1,000 cash. JAMES MOSS, Johnsville, Pa.

GERANIUMS.**ROOTED GERANIUM CUTTINGS.**

The following "SUPERB BEDDERS": S. A. Nutt, dark red; Paul Brunt, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2 and 2½-inch pots of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 2½-inch, Nutt and 4 others, \$2.50 per 100; \$20 per 1,000. Jos. H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

GLADIOLI—Try G. & R. world-famous gladioli, the kind that sets everybody talking. 1st size, \$1.25 per 100; \$10 per 1,000. American Annie Wigan, Augusta, Baron Joseph Hulot, Halley, Lily Lehman, Mrs. Francis King, Pink Beauty, Princeps. Send for complete list of gladioli.

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THE GOOD & REESE COMPANY,
 The Largest Rose Growers in the World,
 SPRINGFIELD, OHIO.

Gladioli for forcing. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs, Mrs. Francis King, Augusta, America, Chicago White, Florist XXX Mixed. Write for prices and samples. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA ARBORESCENS or Hills of Snow, hardy for garden or fine to force. Select field-grown plants, \$1.25 per doz.; \$8.00 per 100; \$75 per 1,000; extra select field-grown plants, \$1.50 per doz.; \$10 per 100; \$90 per 1,000.

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THE GOOD & REESE COMPANY,
 The Largest Rose Growers in the World,
 SPRINGFIELD, OHIO.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, Otaksa and new French, Vaughan's Seed Store, Chicago and New York.

IRISES.

Iris, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS—6 best varieties, a fine assortment of colors, 2½-inch pots, \$3 per 100; \$25 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

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 The Largest Rose Growers in the World,
 SPRINGFIELD, OHIO.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwabe & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best crowns, own growing. Foliage oval shaped, \$5 per 1,000. A longish shape, \$6 per 1,000. Solomon's Seal, giganteum, \$8 per 1,000. Solomon's Seal, macrophyllum, \$9 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

Lily of the Valley, best quality, 1,000 to case, \$16.00 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA—Made-up plants.
Pots. Ins. high. Each.
7-inch, 3 plants.....\$2 to \$4.....\$3.00
8-inch tubs, 4 plants.....\$3 to \$4.....4.00
Specimens, heavy.....\$12.00, \$15.00, 20.00

KENTIA BELMOREANA—Single plants.
Pots. Leaves. Ins. high. Each.
4-inch 5 to 6 16 to 18 \$4.50 doz. \$0.40
6-inch 6 to 7 24 1.00
8-inch 6 to 7 28 to 30 1.50
8-inch tubs, 6 to 7 38 to 38 3.50
8-inch tubs, 6 to 7 56 to 58 6.00
8-inch tubs, 6 to 7 62 to 64 7.00

KENTIA FORSTERIANA—Made-up plants.
Tubs. Ins. high. Each.
7-inch pots, 3 plants, 36\$2.50
7-inch, 4 " 38 3.00
8-inch, 4 " 38 to 42 3.50
8-inch, 4 " 48 to 50 5.00
8-inch, 4 " 52 to 54 6.00
10-inch, 4 " 5 feet 8.00
12-inch, 4 " 60 to 64 10.00
12-inch, 4 " 5½ feet 12.00
12-inch, 4 " 5½ to 6 feet 15.00
15-inch, 4 " 6 to 6½ ft. \$18.00 20.00
Specimens, heavy, \$35.00 and \$40.00.

KENTIA FORSTERIANA—Single plants.
Pots. Leaves. Ins. high. Each.
4-inch, 5 to 6 18 to 20 \$4.50 doz. \$0.40
6-inch 6 to 7 28 to 30 1.00
6-inch 6 to 7 34 to 36 1.50
6-inch 6 to 7 38 to 42 2.00
8-inch tubs, 6 to 7 5 feet 6.00
10-inch " 6 to 7 5 to 5½ feet 8.00
10-inch " 6 to 7 5½ to 6 feet 10.00

PHOENIX ROEBELENI.
3-inch, nicely characterized.....\$3.50 per doz.
Pots. Ins. high. Spread. Each.
5-inch, 18 20-inch.....\$1.00
6-inch, 18 24-inch..... 1.75
7-inch, 28 34-inch..... 2.50
8-inch tubs, 30 38-inch..... 3.50
10-inch tubs, 35 42-inch.....\$5.00 7.50

DIEFFENBACHIA MAGNIFICA.
5-inch\$0.75 each
6-inch 1.00 each

ARECA LUTESCENS.
Eight-inch tubs, 5 plants, 44 to 46 inches high, \$4.00 to \$4.50 each.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Bel., made-up, 8-in., 36-in., \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 9-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, fine stock of Kentias in all sizes. H. Planch, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; 5-inch, 50c; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies Sincensis in 24 best named varieties. \$40 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

PEONIES and Gladiolus; home grown and imported. L. F. Dintelman, State St., Belleville, Ill.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Dreer's double petunias, 15 varieties, 3-inch pots, 75c per doz.; \$6 per 100; the set of 15, \$1. Seeds of our own saving, dbl. fringed, 75c per 500 seeds; \$1.50 per 1,000; single fringed, 50c per trade packet. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PRIMULAS.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

GRAFTED ROSE PLANTS.
Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:
100 1,000
Russell\$14.00 \$120.00
Rhea Reid 14.00 120.00
Hoosier Beauty 14.00 120.00
Ophelia 12.00 110.00
Pink Killarney 12.00 100.00
White Killarney 12.00 100.00
Killarney Brilliant 12.00 100.00
Richmond 12.00 100.00

OWN ROOT ROSE PLANTS.
Sunburst\$7.00 \$60.00
Cecile Brunner 7.00 60.00
Shawyer 7.00 60.00
We solicit early orders and would impress the advantage of early grafted stock on all buyers.

RASSETT & WASHBURN,
178 North Wabash Avenue, Chicago.

ROSE PLANTS—Choice 2½-inch Grafted and 2½-inch Own Root Plants for March delivery:
2½-inch 2½-inch
Grafted Own Root
Per 1,000 Per 1,000

Russell\$120 none
Killarney 100 \$56.70
White Killarney 100 56.70
Killarney Brilliant 100 56.70
Ward 100 56.70
Milady 100 56.70
Ophelia 100 56.70
Richmond 100 56.70
Hoosier Beauty 105 63.00
Hadley 105 63.00
Cecile Brunner 100 56.70
Elgar (special only)..... 100 56.70
Francis Scott Key..... 110 63.00
Fire Flame 100 56.70
Lady Alice Stanley..... 120 73.50

POEHLMANN BROS. CO.,
Morton Grove, Illinois.

ROSES DORMANT STOCK.
Doz. Per 100
Baby Rambler\$2.00 \$15.00
Ellen Paulsen 2.50 18.00
Erna Teschendorf 2.00 15.00
Tausendschon 2.50 18.00
Clothilde Souper 2.00 15.00
Flower of Fairfield..... 2.00 15.00
ERNEST ROBER, WILMETTE, ILL.

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Souper, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

ROSES.

ROOTED ROSE CUTTINGS.

100 1,000
Pink Killarney\$2.50 \$20.00
White Killarney 2.50 20.00
Richmond 2.50 20.00
Sunburst 3.50 30.00

Satisfaction Guaranteed, Ready Now.
GEORGE REINBERG,
162 North Wabash Avenue, Chicago, Ill.

Roses, on canina: Mrs. Andrew Carnegie, \$6 per 100; Edward Mawley, \$5; Mrs. Herbert Stevens, \$6; Louise Catherine de Breslau, \$6; Mme. Edouard Herriot, \$7; Marie Adelaide Grand Duchess de Luxembourg, \$6; Rayon d'Or, \$4.50; Sunburst, \$5; Willowmere, \$6. Standards: Mme. E. Herriot, \$24 per 100. R. Van Der Schoot & Son, Hillegom, Holland.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering. December to March shipment.
WESTERN ROSE CO., Pasadena, Calif.

Rose plants, 2½-inch: Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. American Beauty, \$4.50 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Two-year-old American Beauty Bench plants, well ripened and ready for immediate shipment. We have 30 thousand to offer. Cash with order please. ALBERT F. AMLING CO., Maywood, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose Prima Donna, \$15 per 100; \$125 per 1,000. Guttman & Raynor, Inc., 101 W. 28th St., New York.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

Roses, grafted. All the best new ones. Vaughan's Seed Store, Chicago and New York.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Vaughan's flower seeds for early sowing: Ageratum, alyssum, antirrhinum, asparagus, asters, begonia, bellis, candytuft, celosia, centaurea, cobaea, coleus, cyperus, dracena, eschveria, grevillea, heliotrope, ipomoea, Lantana hybrida, lobelia, mignonette, pansy, petunias, pyrethrum, Salvia splendens, stocks, thunbergia, torenia, vinca rosea, verbenas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Flower seeds: Abutilon, ageratum, Alyssum, Aster, begonia, candytuft, Celosia, Centaurea, Cineraria, Cobaea scandens, dracena, grevillea, grass, heliotrope, impatiens, ipomoea, lobelia, maurandia, Mignonette, Musa ensate, Nierembergia Frutescens, petunias, pyrethrum, Salvia splendens, smilax, solanum, thunbergia, Toronia Fournieri, Verbenas, Vinca. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracena indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, Asparagus plumosus, 5,000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Pedigree Seeds. Our 1916 catalogue is ready. Write for it now. Watkins & Simpson, Ltd., 12 Travistock Street, Covent Gardens, London, England.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Tree, shrub and palm seeds for the florist and nursery trade. Send for price list. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, watermelon. D. H. Gilbert, Monticello, Fla.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SHAMROCKS.

Shamrocks, 1-in. and 2-in. plants, \$3 per 100; \$25 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SPIREA.**SPIREAS.**

Spiraea Gladstone, \$1.50 per dozen; \$10 per 100. Spiraea Queen Alexandra, \$1.75 per dozen; \$12 per 100. ERNEST ROBER, WILMETTE, ILL.

Spiraea clumps, Floribunda, \$6 per per 100; Gladstone, \$7; Queen Alexandra, \$9; Superba, \$6. The Storrs & Harrison Co., Painesville, Ohio.

Spiraea Peach Blossom, \$7 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over, 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VERBENAS.

LEMON VERBENAS—Aloysia Citriodora, 2 1/2 inch pots, \$3 per 100; \$25 per 1,000. Our catalogue of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY.
The Largest Rose Growers in the World,
SPRINGFIELD, OHIO.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata, 3 1/2-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1529 S. Spaulding Ave., Chicago.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tonawanda, N. Y.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters, Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Pexto Pruning Shears, for trees, shrubs, vines, bushes and hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St. Philadelphia, Pa.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Clay Tile Benches. Write for circular. Camp Conduit Co., Cleveland, O.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Minneapolis.

There is just about half enough stock on hand in the market to meet the demand. Funeral work has been very heavy during the past week and weddings and other social events have called for large quantities of stock.

NOTES.

Invitations are out for the eighth annual ball of the Minnesota State Florists' Association, which will be held February 1. Wm. D. Desmond is secretary of the committee and is assisted by G. N. Ruedlinger, A. S. Rice, Hugh Will and Max Kaiser.

The Mazey Floral Co. was the victim of an attempted robbery January 13. Due to the nerve of Miss Scanlon, the robber, who used a handkerchief and a piece of pipe in place of a gun, is in jail.

Grippe has been prevalent in this city. O. E. Amundson has been laid up with it and R. Wessling and many others in the local trade have been complaining of the symptoms.

The Hiawatha Floral Co. discontinued business December 20. The proprietor, S. E. Sather, has been working for L. S. Donaldson Co.

L. E. Metcalf, representing the A. L. Randall Co., Chicago, was here this week and reports good business.

Henry Will has the sympathy of the trade in the death of his wife, who died January 13, aged 30 years.

Rice Bros. are getting some fine calla lilies, which find ready sale.

T. C. R.

Holyoke and Northampton Florists' Club.

The regular monthly meeting of this club was held January 11, at the residence of George Rackliffe of Holyoke.

Aubrey Butler, our newly elected president, presided over a somewhat smaller attendance than usual, several of the members being victims of la grippe, but there was no lack of vitality amongst those present. After an unusually interesting business session, Harrop Sinclair of Smith's Ferry gave a graphic account of his experiences in the rose growing department of Poehlmann Bros. Co., Chicago. Two new members were elected. The club was honored by a visit from S. S. Skidelsky, of Philadelphia, Pa., who spoke of the forthcoming exhibition to be held in that city and expressed the hope of meeting some of the members there, a sentiment heartily reciprocated.

H. E. D.

Oklahoma City.

A genuine cold wave struck here January 11, bringing a temperature of four degrees below zero and about two inches of snow, something quite unusual for this city. Business has been quite dull this week, due no doubt to the usual reaction after the holiday season and the bad weather combined.

Although the annual meeting of the American Carnation Society is going to be held so near to us it does not appear at this time that this city will be represented in St. Louis when the carnation men convene there.

Lon Foster, the newly appointed state vice president of the S. A. F. for Oklahoma, is very much pleased at the honor bestowed upon him by President MacRorie.

S. S. B.

SALINA, KAN. — Fire damaged the greenhouses of Edward Tatro to the extent of \$100, December 27.

STREATOR, ILL. — The Thornton Floral Co., Inc., has succeeded the Hill Floral Co., and will continue the business with a flower shop at 313 West Main street.



THE

Net Returns

from your greenhouses is what counts.

We will quote you the prices, **We Paying the Freight,** or, **Net Prices,** and you to pay the freight. Order what you need either for repairs or for new houses.

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Greenhouse Material Hardware Hotbed Sash

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"ALL-HEART" CYPRESS
WORKED TO SHAPES.
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Our personal service is your
best guarantee of satisfaction.

Willens Construction Co., 1529 S. Spaulding Ave., Chicago



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Boilers OF HIGH
GRADE.....

For GREENHOUSES

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Steam and
Hot Water

GIBLIN & CO., Utica, N. Y.

Mention the American Florist when writing

The Regan Printing House
LARGE RUNS OF
CATALOGUES

OUR SPECIALTY
WRITE FOR PRICES.

527 Plymouth Place, CHICAGO

Mention the American Florist when writing

HOT BED SASH

83c BUYS STANDARD
HIGH GRADE SASH

We offer at reduced prices standard size hotbed sash, 3 ft. by 6 ft., 1 1/2-in. thick, with four rows of glass. Manufactured by best workmen of clear soft Pine and Fir. Prices slashed because of our new manufacturing plant.

Open Hotbed Sash (No Glass) each
Lot 10 J6919—In lots of 100 or more...83c
Lot 10 J6917—In dozen lots.....89c

Glazed Hotbed Sash each
Lot 10 J6919X—In lots of 100 or more...\$1.59
Lot 10 J6917X—In lots of one dozen. 1.76

Quick shipments from our Chicago warehouse.

Also equally big savings in greenhouse inside sash bars, and end sash bars, glass, pipe, fittings, boilers, etc.

Also Pecky Cypress for Hotbeds, \$17.00 per 1000, f. o. b. Chicago, and other great bargains for the greenhouse man in our new Price Smashing Circular No. J. G. 47. Send for it Now.

HARRIS BROTHERS CO.
35th and Iron Streets, CHICAGO.

PERFECT HOUSES

Our houses are all model buildings. Up-to-date, strong, durable, perfectly made and perfectly built. Price right.



MASONIC TEMPLE BUILDING

Mention the American Florist when writing

Wired Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

Westchester and Fairfield Hort. Society.

The meeting of this society was held in our new home in the Isaac Hubbard hall, Greenwich, Conn., Friday evening, January 14. There was a very good attendance of members present. Four new members were elected and several new proposals for membership were received and filed. The principal feature of the evening was the installation of officers for the ensuing year, which were as follows: W. J. Sealey, president; Owen A. Hunwick, vice-president; J. B. McArdle, secretary; Robt. Williamson, treasurer; P. W. Popp, corresponding secretary. Executive committee: Wm. Whitton, Oscar Addor, Anton Peterson, Thos. Ryan, John T. Burns. The treasurer's report was read, showing the society to be in a very flourishing condition financially. The ever increasing membership and the enthusiasm displayed by the members assures the society of a bright future. We take this opportunity of thanking our many kind friends who have in various ways helped us to make such a fine record, and we trust that our society will always merit a continuation of the same in the future. In the death of our honored member, Geo. Lander, Jr., of Greenwich, the society suffers the loss of a good friend and patron. Resolutions of sympathy were adopted to be sent to the bereaved family, a copy to be spread on the records of the society. It was voted to hold the summer and also the fall exhibition this year as usual, the location of hall and dates to be announced later. A committee was appointed to arrange for the annual entertainment and dance to be held in the near future, location of hall and date will be announced at the next meeting. A communication was read from the co-operative committee of the National Association of Gardeners, offering to this society copies of the fine essays read before the convention of the N. A. G. recently held at Boston. These papers are well worth discussing by the members and the offer was unanimously accepted. During recess Jas. Stuart and P. W. Popp entertained the members with a description of their recent visit to Boston. They voiced the sentiments of other members of our society who were present at the convention and feel deeply indebted to the gardeners and florists of Boston and vicinity for the fine entertainment provided, as well as to the A. N. Pierson Co. of Cromwell, Conn. A fine display was on the exhibition tables. The principal features were Carnation Pink Sensation, by Thos. Ryan; Euphorbia jacquinesflora, by Jas. Stuart; display of Carnation Princess Dagmar, Violet Princess of Wales, Cauliflower Snow Ball, from Wm. Graham; Narcissus Grand Soleil d'Or from P. W. Popp. The Grierson prize for the most meritorious exhibit was

WIZARD BRAND PULVERIZED SHEEP-PULVERIZED CATTLE SHREDDED CATTLE MANURE

A kind for every use about the greenhouse.

Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago

Kansas City Stock Yards,
Kansas City, Mo.

National Stock Yards,
East St. Louis, Ill.



THE RENOWNED FOOD FOR PLANTS.

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NICOTINE 40%

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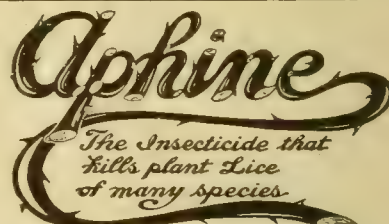
Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

carried off by Thos. Ryan. The thanks of the society were awarded to the other exhibitors. There will be a social session at the next meeting to be held February 11. Don't forget to bring an exhibit, be it large or small.

P. W. POPP, Cor. Sec'y.

Southampton Horticultural Society.

The annual meeting of the Southampton Horticultural Society was held in Forester's hall, Southampton, N. Y., January 6, with a large attendance. The treasurer's report showed the society to be in a prosperous condition financially, due largely to the success of the flower show last summer. The receipts of the show amounted to \$1,268.95, and the total receipts for the year were \$1,813.46. The following officers were elected: Martin McLoughlin, president; Wm. A. Malcolm, vice-president; Herbert Wells, recording-secretary; John Johnson, treasurer; Stanley R. Sandler, corresponding-secretary.



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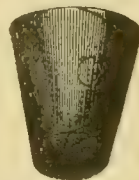
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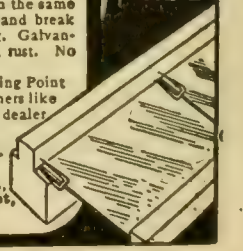
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Vol. XLVI.

CHICAGO AND NEW YORK, JANUARY 29, 1916.

No. 1443

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Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; WM.
F. KASTING, Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
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JAMES MOSS.

Johnsville, Pa., Jan. 24, 1916.

AMERICAN CARNATION SOCIETY

Annual Meeting and Exhibition, St. Louis, Mo., January 26-27.
Next Meeting Place, Indianapolis, Ind., 1917.

The Exhibition.

The twenty-fifth annual exhibition of
the American Carnation Society, held
at the Planters' hotel, St. Louis, Mo.,
January 26-27, was a success in point
of attendance, and considering the gen-
eral shortage of stock throughout the
country. The exhibit was not as large
as in former years, but the quality of
the stock was as good, even better, and
this was particularly true regarding the
newer varieties. The large banquet hall
of the hotel was well filled with dis-
plays, which were arranged on two
rows of tables running on all sides of
the hall, with the center space left for
the St. Louis florists to use for table
decorations.

The eastern growers were the largest
exhibitors and it was somewhat sur-
prising to find that more growers from
the middle west did not enter. The
Cottage Gardens Co., Queens, N. Y.; E.
G. Hill Co., Richmond, Ind.; F. Dorner
& Sons Co., Lafayette, Ind.; A. Roper,
Tewksbury, Mass.; Mt. Greenwood
Cemetery Association, Morgan Park,
Baur & Steinkamp, Indianapolis, Ind.;
Alton Floral Co., Alton; M. F.
Widmer Floral Co., Highland, Ill.; Ern-
est Saunders, Lewiston, Me.; Chas. F.
Strout, Biddeford, Me.; Halifax Gar-
dens Co., Halifax, Mass.; S. J. Goddard,
Framingham, Mass.; J. F. Ammann &
Co., Edwardsville, Ill.; Bassett & Wash-
burn, Chicago; Chas. Weber, Lynbrook,
N. Y.; J. D. Thompson Carnation Co.,
Joliet, Ill., and A. N. Pierson, Inc.,
Cromwell, Conn., were the leading ex-
hibitors, and the varieties that at-
tracted most attention were Bassett &
Washburn's new red Belle Washburn,
which won the society's silver medal
and scored 88 points and the special S.
A. F. medal for undissemated variety
of American origin; the Cottage Gar-
dens Co.'s new Crystal White scored
90 points and was awarded the soci-
ety's gold medal, and Cottage Maid,
another one of their new varieties, won
the Hitchings & Co.'s silver cup as a
sweepstake in section A. In the pre-

liminary competition for the Dorner
Memorial medal, the Cottage Gardens
Co.'s Crystal White, Mt. Greenwood
Cemetery Association's No. 1123, J. D.
Thompson Carnation Co.'s Superb, F.
Dorner & Sons Co.'s No. 125-(11)
and 14809 and S. J. Goddard's No. 16
(12) qualified and attracted much fa-
vorable attention.

F. Dorner & Sons Co. won the Fred
Dorner Memorial medal with Nancy in
the 100 class of any undissemated
seedling in cultivation not less than
three years and which must score not
less than 85 points. Chas. Weber was
awarded the S. A. F. bronze medal for
Laura Weber, which scored over 86
points. The Mt. Greenwood Cemetery
Association won first place in Class 6
with No. 24129, followed closely by
E. G. Hill Co. with Champion. Other
varieties that were very interesting to
the growers were Arawana, Matchless,
Alice Coombs, Mrs. C. W. Ward, Rosa-
lia, Old Gold, Miss Theo, White Win-
sor, Enchantress Supreme and Aviator,
which never looked so good as it did
at this exhibition. Chas. F. Strout, of
Biddeford, and Ernest Saunders, of
Lewiston, Me., traveled a great dis-
tance to attend the show and carried
off several prizes, notwithstanding the
fact that their stock was on the way
since early Monday morning. Anton
Then, of Chicago, had a vase of his
new seedling, No. 701, on exhibition,
but did not expect to carry off any
honors, for his stock suffered considera-
bly from the breakdown in his heating
system last week, and he was unable
to secure enough good blooms to make
a showing.

The St. Louis retail florists who had
table decorations were C. Young & Sons
Co., Windler, Scruggs, Vandervoort &
Barney, Mullanphy Florists, Grimm &
Gorly, Ayres Floral Co. and J. W.
Boerm, who used the novelties in their
artistic arrangements which were
greatly admired by the trade and the
general public, who were admitted on
certain hours each day. Guttman &



J. F. Ammann.

President-Elect American Carnation Society.

Raynor, of New York, had a splendid vase of the new rose, Prima Donna, on display and which made many friends. The stock came through in splendid shape and their variety is said to be a good keeper. Alex. Guttman also staged several vases of the new carnation Laura Weber for Chas. Weber, and it is certainly a splendid variety. The E. G. Hill Co. showed its new rose, Tipperary, and the baby rose, Tip Top, sometimes called Baby Doll. August Jurgens, of Chicago, displayed a new pink tulip named Prosperity and John Steidle of Olivette, Mo., a splendid vase of snapdragon and Carnation Sunbeam. The department of floriculture of the University of Illinois exhibited several vases of carnations and Sullivan & Raymond had a fine vase of Carnation Peace. J. A. Peterson & Sons, Westwood, Cincinnati, O., had a nice showing of begonias and the E. C. Amling Co., Chicago, a splendid collection of colored freesias, grown by Alois Frey, Crown Point, Ind. Fred. H. Lemon & Co., Richmond, Ind., featured Primula malacoides in their exhibit, and W. A. Manda, South Orange, N. J., had a splendid showing of cattleyas and several rare specimens of foliage plants.

The judges were C. W. Johnson, Eugene Dailedouze, Wm. R. Nicholson, Fred. Lemon, Fred. Meinhart and Nic Zweifel.

The Business Meeting.

The large meeting room of the Planters' hotel was nearly filled when President Joseph H. Hill called the meeting to order promptly at eight o'clock, Wednesday evening, and many new applications for membership were received. Following the address of the president and the report of officers, the selection of the 1917 meeting place was the next order of business. W. J. Vesey, Jr., in behalf of the Hoosier florists, invited the society to meet at Indianapolis, Ind., in 1917, and he was so ably supported by J. F. Ammann that no other invitations were tendered, with the exception of one from S. J. Goddard to hold the 1918 meeting at Boston, Mass. The officers nominated for the ensuing year were: J. F. Ammann, Edwardsville, for president; W. J. Vesey, Jr., Ft. Wayne, Ind., for vice-president; A. F. J. Baur, Indianapolis,

Ind., for secretary; F. E. Dorner, Lafayette, Ind., for treasurer. F. R. Pier-son, Tarrytown, N. Y., was nominated to succeed himself as director for five years, after which Theodore Dorner, Lafayette, Ind., was also placed in nomination for the same office. David S. Ward, Queens, N. Y., and John Hartje, Indianapolis, Ind., were nominated as judges to succeed C. W. Johnson and Eugene Dailedouze. George L. Peltier, of the horticultural department of the University of Illinois, Urbana, read a very interesting paper on "Carnation Yellows," which was followed by a discussion.

At the Thursday morning's session the selection of Indianapolis for the meeting of 1917 was confirmed and the officers nominated the previous evening were elected, Theodore Dorner being chosen as director for five years. C. W. Johnson and D. S. Ward were elected judges. The discussion of the Muncie and Peltier papers was continued. The committee, consisting of



Theodore Dorner.

Elected Director American Carnation Society.

J. F. Ammann, D. S. Ward and S. J. Goddard, reported on the president's address and the secretary's report, recommending their adoption except as to the elimination of display cards on exhibits. Standard display cards five by seven inches, were adopted for all future shows. A number of members contributed to the National Flower Show premium list as follows: Eugene Dailedouze, \$50; W. J. Vesey, Jr., C. S. Strout, J. F. Ammann, Cottage Gardens Co., F. Dorner & Sons Co., E. G. Hill Co., Halifax Gardens Co., Baur & Steinkamp, Wm. Nicholson, S. S. Skidelsky, Ernest Saunders, S. J. Goddard, Bassett & Washburn, \$25 each; Guttman & Raynor, \$10; F. H. Lemon, \$10; Fred Lautenschlager, \$5.

Carnations Comet and Superba were awarded preliminary certificates in class 48.

On Thursday the visitors were the guests of the St. Louis florists and were entertained with an automobile ride about the city, followed by an inspection of the Missouri botanical garden, the new conservatories being the chief object of interest. The banquet was held in the evening at the Planters' hotel.

President Hill's Address.

Ladies and Gentlemen, Members of the American Carnation Society:

As your presiding officer I bid you welcome to this, our twenty-fifth annual meeting. Just a quarter of a century ago, in the good, old Quaker city of Philadelphia, a small body of earnest carnation enthusiasts saw the possibilities of the flower from which we derive our name, and issued a call, which was sent broadcast over the land. All who were interested in carnation growing were invited to join them in organizing a permanent society. With your permission I will read their call of 1891.

"To American Carnation Growers: You are cordially invited to attend a meeting to be held at Horticultural hall, Philadelphia, Pa., Thursday, October 15, at 2 p. m., for the purpose of organizing a society of American carnation growers. All those who are unable to attend kindly send their names for enrollment. The object of this society will be to materially benefit carnation growers and to advance the popularity of the Divine flower, so that it shall stand second to none. Let us all step to the front and put our shoulders to the wheel." Signed:

C. W. Ward,	Edward Swayne,
Geo. Creighton,	E. B. Jennings,
C. E. Allen,	John McGowan,
Wm. Swayne	Geo. W. Love,
R. T. Lombard,	Alex. McBride,
Fred Schneider,	H. E. Chitty,
Chas. T. Starr,	Isaac Larkin,
C. J. Pennock,	Edwin Lonsdale,
Geo. Hancock,	W. R. Shelmire,
A. M. Herr,	

From every section of the country, east, west, north and south, came applications for membership and at the close of that memorable meeting in Horticultural hall, there were enrolled 49 staunch champions of our fair flower. And thus was conceived and ushered into existence the American Carnation Society. It is fitting to mention at this time the name of Edwin Lonsdale, the first presiding officer of our body. During the past year he has answered the call and leaves a place in the ranks that is difficult to close. It is with regret and sadness that we are compelled to note the dropping off one by one of the "Old Guard" of



W. J. Vesey, Jr.

Vice-Pres.-Elect American Carnation Society.



F. R. Pierson.
Director American Carnation Society.



Joseph H. Hill.
President American Carnation Society.



Chas. W. Johnson.
Judge American Carnation Society.



W. T. Wells.
Vice-President St. Louis Florists' Club.



D. S. Ward.
Elected Judge American Carnation Society.



Wm. Nicholson.
Judge American Carnation Society.



S. J. Goddard.
Director American Carnation Society.



R. Witterstaetter,
Judge American Carnation Society.



E. A. Stroud.
Judge American Carnation Society.

SOME OF THE PROMINENT MEN IDENTIFIED WITH THE AMERICAN CARNATION SOCIETY CONVENTION AT ST. LOUIS, MO.

pioneer florists to whom we all owe so much.

Now, gentlemen, are we, after an elapse of 25 years, putting the same amount of push and of strenuous effort into the work of our society as did the charter members? Are we carrying forward the work cut out for us with the same earnestness and unity of purpose that marked their early endeavors? To accomplish our work and to keep up interest in the society it is necessary for us to attend its conventions and its meetings even though to do so means a personal sacrifice. Wm. Scott once said at a carnation meeting: "These conventions are productive of the greatest good; we learn to know each other better, and one of the greatest pleasures of life is an exchange of ideas with our intelligent fellow man."

It is a noticeable fact in our profession that the man who attends conventions, flower shows and associations of florists is the man who is successful and progressive in his business. Your president would suggest to the society that we adopt a badge of neat design to be worn at our conventions, upon which can be written the name of the wearer. In this way we can more readily identify one another and get acquainted. This method was used at the Cleveland flower show last fall with success and satisfaction to all.

Our secretary has suggested that we abolish the use of individual address placards on our exhibits after the judges are through with their work. It is true that in rearranging the vases the cards are often lost or misplaced on some one's exhibit. We invite the society's deliberations on this point.

The cardinal principles of this society are to materially benefit carnation growers and to advance the popularity of the carnation. To do this it is absolutely essential that we co-operate, if so requested, with any well managed flower show, and towards this end the following are given by your presiding officer as suggestions: First, That any flower show management desiring our support must give us a positive guarantee that the premium money in the carnation section will be paid to exhibitors. Second, That the exhibition management choose two from our list of duly elected judges to serve with the third, who may be selected by them without restriction. Poor judging by inexperienced men tends to make dissatisfied exhibitors and consequently reduces the number of entries at succeeding shows. Third, That they be allowed to use the society's vases with the understanding that they reimburse the society for all loss and breakage and pay all the expense for packing, carriage, etc. These simple rulings will safeguard the American Carnation Society. Let us resolve to lend a helping hand to all flower shows no matter where held, and dismiss the idea of self aggrandizement from our minds and let us exhibit with the definite idea of bringing the carnation out of the background, and of putting it on the same high plane as the rose and the popular chrysanthemum.

It is an admitted fact that in most parts of the country the carnation is marketed in a crude way compared with the rose; the idea seems to prevail in many quarters that a carnation is a carnation regardless of variety, but it is not so with the up-to-

date commission merchant; he knows the different varieties by name and can explain to the buyer why one variety has a higher market value than another or vice versa; so can the live retailer, and he in turn advises his customers to select the kinds that have texture and that last and give satisfaction. It would seem that the grower is in a measure responsible for the fact that some of the largest retailers sell a comparatively small quantity of carnations, because the grower insists on holding to the idea of quantity instead of quality. Stock that will not hold up in the retailer's display case will surely hurt the cause of the carnation generally.

To the grower who depends upon figures for facts, the apparently shy blooming varieties sometimes exceed



Carnation Alice Coombs.

in money returns the prolific kinds with their serious shortcomings. Let the varieties be known by their names and their characteristics, and their good qualities will eventually enhance their value, and make regular buyers of intelligent customers.

In closing I would like to say a few words regarding the National Flower Show to be held in Philadelphia, March 25-April 2. In addition to the generous cash premiums offered for carnations by the management, the society will award in a good many classes, Silver Jubilee medals to commemorate the twenty-fifth anniversary of our founding. Let every grower here make up his mind to put up an exhibit at Philadelphia so that the carnation section of that grand show may be a credit to our favorite flower, and that our reputation of being the "live-wire society" of all the affiliated societies of the S. A. F. will not be open to question. We must with renewed vigor put our shoulders to that same wheel mentioned in the call of '91 sent out to the American carnation growers by that honored band of enthusiastic men in Philadelphia who saw the hidden possibilities of our Divine flower—the carnation.

Secretary Baur's Report.

Mr. President and Members of the American Carnation Society, your secretary begs leave to submit the following report:

While our membership has not shown as large an increase in the past year, as in the previous twelve months, there have been added to the roster, 22 new members, and besides these, six delinquents have been reinstated. Our membership now stands at 325 annual members and 12 life members, a total of 337 and an increase of seven over last report. Death has claimed one of our members, Wm. Murphy, of Cincinnati, O., having passed away September 27. Edwin Lonsdale, who was your first president, has also passed away at his home in California. We ordered a floral wreath sent to the funeral at Philadelphia.

The books of the secretary and treasurer have been audited, as has been customary. We are pleased to state that the society's finances are in a sound condition. All bills are being met as they fall due, and all accounts are being collected without loss. The secretary's books, up to January 17, when the audit was taken, show collections as follows:

Membership dues, \$531.00; advertising, \$326.72; miscellaneous, \$98.18; total, \$955.90, all of which has been turned over to the treasurer and his receipt taken therefor.

We are pleased to report that 24½ pages of advertising space in the premium schedule was taken by our members and friends. The schedule appeared a few days late, owing to the lateness of the board of directors meeting. The annual report was also printed and distributed among the members at the usual time.

Eleven new varieties were offered for registration by American growers and some 23 European varieties were added to the list. The name Peace, was offered by both American and European growers. It having been offered first on this side, the European registration was withdrawn.

The arrangements for this meeting were in the hands of our worthy vice-president, J. F. Ammann, who has worked diligently for the success of this convention. The entries for the exhibition are rather lighter than usual, due no doubt, to the scarcity of flowers and the high prices realized on high grade stock in the cut flower markets. The society owes a debt of gratitude to those growers who were willing to sacrifice their personal interests to help make this exhibition a success.

We suggest that in the future, no display cards be permitted on vases entered in the competitive classes. That display cards on non-competitive exhibits be limited to 5x7 inches in size, and that only one card be allowed to each exhibit, except by special permission. Besides the arrangements for table displays, permission was granted for the display of other made-up work. The enterprise of the St. Louis retailers along this line is to be commended.

One hundred and eighty-four of our members are also members of the S. A. F. We therefore continue to be represented on their executive board. The board of directors held the usual post-convention meeting at Buffalo last January. The midsummer meeting was postponed to November and was held in Cleveland, November 12. Arrangements were made to hold the Silver Jubilee at Philadelphia at the same time as the National Flower



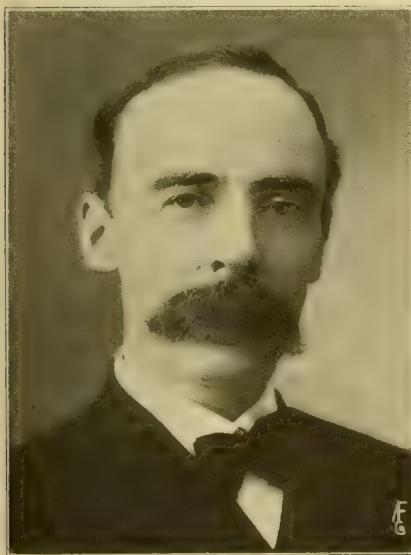
W. J. Palmer.
Judge American Carnation Society.



A. R. J. Baur.
Secretary American Carnation Society.



F. E. Dorner.
Treasurer American Carnation Society.



Peter Fisher.
Director American Carnation Society.



Jules Bourdet.
President St. Louis Florists' Club.



E. Dailedouze.
Judge American Carnation Society.



W. W. Ohlweiler.
Trustee St. Louis Florists' Club.



F. Burki.
Director American Carnation Society.



Chas. S. Strout.
Director American Carnation Society.

SOME OF THE PROMINENT MEN IDENTIFIED WITH THE AMERICAN CARNATION SOCIETY CONVENTION AT ST. LOUIS, MO.



COTTAGE GARDENS CO.'S NEW CARNATION COTTAGE MAID.

Show. The \$1,500 appropriated for carnation premiums, by the national flower show committee, was spread over a schedule of premiums, which was submitted to the above named committee and same was approved by them. It was decided to have special Silver Jubilee medals struck, and to award one of these medals to each winner of one or more first premiums on carnations. W. L. Rock and F. C. W. Brown were invited to assist in judging the retail displays at the Philadelphia show, and both have accepted.

The board recommends that this society cooperate with local organizations in promoting local flower shows and suggests the following conditions: A flower show, which desires the co-operation of the American Carnation Society, shall agree to submit its schedule of premiums and the selection of its judges for the approval of the president and secretary of the American Carnation Society. They shall further agree to satisfy the above named officers of the proper underwriting of the show.

The trade press has kindly given space for all matter sent in for publication. To them is due our thanks.

Treasurer Dornier's Report.

Following is the report of Treasurer Dornier:

GENERAL FUND.

Disbursements.			
Orders on Treas. paid.....	\$1,016.52		
Balance cash on hand.....	\$37.68	\$1,854.20	
Receipts.			
Jan. 20, 1915. Cash on hand.....	639.58		
Cash received.....	1,223.62	\$1,854.20	
Permanent Fund.			
Jan. 20, 1915. Balance.....	2,625.31		
Jan. 1, 1916. Interest.....	106.04	\$2,731.35	
Interest transferred to general fund.....			
Balance invested at 4%.....	2,625.31	\$2,731.35	
Dornier Memorial Fund.			
Jan. 20, 1915. Balance.....	1,001.57		
Jan. 1, 1916. Interest.....	40.44	\$1,042.01	
Transferred to General Fund for 1915 Dornier Memorial Medal.....			
Balance invested at 4%.....	1,002.01	\$1,042.01	



Frank Windler.
Trustee St. Louis Florists' Club.

Awards.

SECTION A.

Open to all varieties seedlings and standard sorts.

Vase 100 blooms white—Cottage Gardens Co., Queens, N. Y., first, with Matchless; E. G. Hill Co., Richmond, Ind., second, with Matchless.

Vase 100 blooms light pink, being those shades of pink verging on the true pink, and not lighter than Gloriosa, nor darker than Winsor—Cottage Gardens Co., first, with Cottage Maid; E. G. Hill Co., second, with Alice Coombs.

Vase 100 blooms medium pink, including any variety darker than Win-

sor, but not darker than Mrs. C. W. Ward—Cottage Gardens Co., first, with Mrs. C. W. Ward; E. G. Hill Co., second, with Mrs. C. W. Ward.

Vase 100 blooms dark pink, being darker than Mrs. Ward and including all so-called cerise not dark enough to be classed as red—F. Dornier & Sons Co., Lafayette, Ind., first, with Rosalia; A. Roper, Tewksbury, Mass., second, with No. 360.

Vase 100 blooms red or scarlet to include all shades generally included in those colors—Mt. Greenwood Cemetery Association, Morgan Park, first, with No. 24129; E. G. Hill Co., second, with Champion.

Vase 100 blooms crimson to cover those shades known as crimson or maroon—Baur & Steinkamp, Indianapolis, Ind., first, with Pocohontas; E. G. Hill Co., second, with Pocohontas.

Vase 100 blooms, yellow or yellow variegated—F. Dornier & Sons Co., first, with Old Gold.

SECTION B.

Open to all varieties disseminated prior to July, 1915, 50 blooms to each vase.

White Enchantress—Alton Floral Co., Alton, Ill., first; M. F. Widmer Floral Co., Highland, Ill., second.

White Wonder—E. G. Hill Co., first; Ernest Saunders, Lewiston, Me., second.

Matchless—Chas. S. Strout, Biddeford, Me., first; E. G. Hill Co., second. Any other white—Chas. S. Strout, first, with White Winsor.

Enchantress Supreme—Halifax Gardens Co., Halifax, Mass., first; Ernest Saunders, second.

Pink Delight—S. J. Goddard, first; Chas. S. Strout, second.

Any other flesh pink—Alton Floral Co., first, with Enchantress; M. F. Widmer Floral Co., second, with Enchantress.

Gloriosa—S. J. Goddard, first; J. F. Ammann Co., Edwardsville, Ill., second.



BASSETT & WASHBURN'S NEW CARNATION BELLE WASHBURN.

Any other light pink—J. F. Ammann & Co., second with Rose Pink Enchantress.

Mrs. C. W. Ward—Halifax Gardens Co., first; Chas. S. Strout, second.

Philadelphia Pink—J. F. Ammann & Co., first.

Any other medium pink—Alton Floral Co., first.

Rosette—S. J. Goddard, first.

Beacon—S. J. Goddard, first; Ernest Saunders, second.

Champion—Chas. S. Strout, second.

Pocahontas—Chas. S. Strout, first; Ernest Saunders, second.

Benora—Halifax Gardens Co., first; Chas. S. Strout, second.

Yellow Prince—S. J. Goddard, first, Baur & Steinkamp, second.

SECTION C.

For varieties disseminated in the season of 1914-15, 50 blooms to each vase.

Pink Sensation, premium offered by F. Dorner & Sons Co.—S. J. Goddard, first; E. G. Hill Co., second.

Good Cheer, premium offered by F. Dorner & Sons Co.—S. J. Goddard, first. Alice, premium offered by Peter Fisher—Chas. S. Strout, first; J. F. Ammann & Co., second.

SECTION D—CARNATION SOCIETY MEDALS.

Vase 100 blooms of any variety; must score not less than 90 points, gold medal—Cottage Gardens Co., with Crystal White.

Second best vase in this class; must score not less than 88 points, silver medal—Bassett & Washburn, Chicago, with Belle Washburn.

SPECIAL S. A. F. MEDALS.

For undisseminated varieties of American origin.

Vase 50 blooms, any color, score not less than 88 points, silver medal—Bassett & Washburn, with Belle Washburn.



E. G. Hill, Richmond, Ind.

From His Latest Portrait.

Second best vase, score not less than 86 points, bronze medal—Chas. Weber, with Laura Weber.

FRED DORNER MEMORIAL MEDAL.

Vase 100 blooms of any undisseminated seedling carnation (sports not eligible). The variety must have been in cultivation not less than three years and must score not less than 85 points, gold medal—F. Dorner & Sons Co., with Nancy.

Preliminary competition for Dorner Memorial medal—Cottage Gardens Co.,

Crystal White; Mt. Greenwood Cemetery Assn., No. 112 B; F. Dorner & Sons Co., 125 (11) also 14809; J. D. Thompson Carnation Co., Superb; S. J. Goddard, 16 (12).

SECTION E—CERTIFICATES.

Certificate of merit, 85 points necessary—S. J. Goddard, with No. 16 (12).

SECTION F—SPECIAL PREMIUMS.

Silver cup by Hitchings & Co., offered as a sweepstakes in Section A—Cottage Gardens Co., with Cottage Maid.

Visitors.

The out-of-town trade in attendance the opening day included the following:

Miss A. Ammann, Edwardsville, Ill.
Miss Edna Ammann, Edwardsville, Ill.
J. F. Ammann, Edwardsville, Ill.
Mrs. J. F. Ammann, Edwardsville, Ill.
A. M. Anderson, Chicago.
S. A. Anderson, Buffalo, N. Y.
Mrs. S. A. Anderson, Buffalo, N. Y.
John D. Arentshorst, Sassenheim, Holland.
Geo. Asmus, Chicago.
Harty Balsley, Detroit, Mich.
A. F. J. Baur, Indianapolis, Ind.
Paul Berkowitz, Philadelphia, Pa.
John Bertermann, Indianapolis, Ind.
James H. Brown, Chicago.
J. Cole, Springfield, Ill.
C. E. Critchell, Cincinnati, O.
Eugene Dailledouze, Brooklyn, N. Y.
Mrs. E. Dailledouze, Brooklyn, N. Y.
Edward Denker, St. Charles, Ill.
J. L. Denmead, Marshalltown, Ia.
J. Harrison Dick, New York.
Arthur Dietsch, Chicago.
L. S. Elder, Indianapolis, Ind.
Miss Margaret Elder, Harrisburg, Ill.
John Evans, Richmond, Ind.
C. H. Fish, Joliet.
P. J. Foley, Chicago.
Henry F. Freese, New Haven, Ind.
Alois Frey, Crown Point, Ind.
C. H. Frey, Lincoln, Neb.
S. J. Goddard, Framingham, Mass.
Ed. Gullett, Lincoln, Ill.
Alex. Guttman, New York.
John Hartje, Indianapolis, Ind.
Joseph Hill, Richmond, Ind.
Mrs. Hollquist, Edwardsville, Ill.
H. V. Hunkel, Milwaukee, Wis.
Geo. W. Jacobs, Canton, Ill.
Chas. G. Johann, Collinsville, Ill.
C. W. Johnson, Chicago.
R. E. Jones, Richmond, Ind.
T. C. Joy, Nashville, Tenn.

R. C. Kerr, Houston, Tex.
E. H. Klein, Edwardsville, Ill.
Paul Klingsporn, Chicago.
Otto Krueger, Toledo, O.
E. F. Kuroski, Chicago.
A. E. Lapp, Edwardsville, Ill.
Fred Lautenschlager, Chicago.
Fred Lemon, Richmond, Ind.
W. E. Lenk, Halifax, Mass.
M. H. Levine, New York.
C. Loveridge, Peoria, Ill.
C. A. Loveridge, Peoria, Ill.
Walter E. Loveridge, Peoria, Ill.
Wm. G. Loveridge, Peoria, Ill.
H. Junge, Indianapolis, Ind.
J. J. Karins, Philadelphia, Pa.
Roy F. Kemble, Oskaloosa, Ia.

Carnation Yellow.

Paper by George L. Peltier, Horticultural Department, University of Illinois, Urbana.

A study of carnation "yellows" was undertaken at the Illinois station in 1912, when little or no attention was given to this trouble by the carnation grower. However, since that time it has become so serious that it has been called by a number of carnation men one of the most serious diseases with which we must contend today. Although we have spent some time on

holding an infected leaf up to the light the dots are more plainly detected. These spots become more distinct and turn yellow, while the tissue beneath collapses. The trouble is confined not only to the leaves, but in badly infected plants the branches and flower stems may be covered with the yellow, elongated spots.

Apparently several distinct forms of yellows can be recognized, which differ in general appearance and subsequent behavior. The early stages of the first type consist of these small dots, scattered irregularly through the leaf. At first they are a paler green than the surrounding tissue, but distinctly delineated upon it. The spots increase more or less rapidly until they reach a diameter of $1/32$ to $1/4$ inch. Most of these spots are approximately circular, but may be irregular in outline, rarely elongated. A single leaf may have from one to fifty or more spots, depending on the extent of infection. Another characteristic of this first type is that the spots do not tend to make the leaves brittle.

The development of the second form is similar to the one above, except that while still in the early stages the spots unite and become very much elongated, so that a single spot may be one to two inches or more in length. On badly infected leaves these elongated areas run parallel to the midrib and have a sort of flaky appearance. The leaves become very brittle and are easily snapped off. In the later stage the cells beneath the infected areas collapse, the spot becomes sunken and finally turns brown as the leaf dies.

A third form may be mentioned here which is found only on the colored varieties. Here the spots in the earlier stages are yellow, but as they grow older and larger the spots become colored, the intensity depending on the color of the flower. For example, old spots on the light pink or scarlet varieties are slightly colored, while in the dark red varieties the spots are deeply colored.

Microscopical observations show no rupture of the leaf surface and with a lens the bloom on the leaf above the spots appears to be undisturbed. No bacteria or fungi are present except when the surface or epidermis of the leaf is broken down. No insect punctures, as have been described for stig-



ANTON THEN'S NEW SEEDLING CARNATION NO. 701.

George Madsen, Alton, Ill.
Mrs. Geo. Madsen, Alton, Ill.
W. A. Manda, South Orange, N. J.
Matt Mann, Chicago.
John Michelsen, Chicago.
F. W. Muncie, Urbana, Ill.
H. C. Neubrand, Cromwell, Conn.
Wm. Nicholson, Framingham, Mass.
E. A. Ollinger, Chicago.
W. K. Palmer, Jr., Urbana, Ill.
G. L. Peltier, Urbana, Ill.
A. Peterson, Gibson City, Ill.
J. A. Peterson, Cincinnati, O.
P. W. Peterson, Joliet, Ill.
Gustav Pohl, Milwaukee, Wis.
J. E. Pollworth, Chicago.
E. C. Pruner, Chicago.
H. L. Purdy, Chicago.
A. T. Pyfer, Chicago.
Guy Reburn, Chicago.
W. A. Riemann, Vincennes, Ind.
A. Roper, Tewksbury, Mass.
Wm. R. Schroeder, Milwaukee, Wis.
Chas. Schwake, New York.
Samuel Seligman, New York.
S. S. Skidelsky, Philadelphia, Pa.
Chas. S. Strout, Biddeford, Me.
Frank Stuppy, St. Joseph, Mo.
R. J. Sullivan, Chicago.
Anton Then, Chicago.
John Then, Chicago.
W. E. Tricker, Western Springs, Ill.
John Van Aart, Paducah, Ky.
Carl Vaughan, Chicago.
W. J. Vesey, Jr., Ft. Wayne, Ind.
Mrs. W. J. Vesey, Jr., Ft. Wayne, Ind.
C. L. Washburn, Chicago.
Mrs. C. L. Washburn, Chicago.
Geo. A. Washburn, Bloomington, Ill.
M. F. Widmer, Highland, Ill.
R. C. Wilcox, Council Bluffs, Ia.
Leo Willis, Alton, Ill.
Robert Windler, Chicago.
Allie Zech, Chicago.
Nic Zweifel, Milwaukee, Wis.

The Ash Sifter.

The lawn mower song, it is silent today,
A fact that should make me rejoice.
But what is that other wild music, I pray?
'Tis the ash sifter's clankerous voice.
I go to the cellar, my eyes fill with tears
As I put my old overalls on.
I think of the ashes of other cold years
And the crankings of winters long gone.
The ballads of sylvance my ash sifter plays
As I Guinea-like turn at the crank.
And I shouldn't complain, for I know that it
pays;
Just look at my pile at the bank!
Each morn before breakfast I'll wander below,
Each night after tea I'll be there,
And my bent economical may know
By the dust in my rather thin hair.
—Newark News.

this problem each season for the past four seasons, the cause of this disease remains unknown. However, at the present time we have several promising clews which may lead to its solution and control. It is not my intention, in presenting this paper today, to give anything new, but more to bring this problem of "yellows" directly before you and together to go over the situation and discuss the problem from all standpoints.

"Yellows" start in the young leaves and is first noticed as small pale green areas varying in size and shape. On



C. H. FREY'S NEW CARNATION NEBRASKA AT THE CHICAGO SHOW.

monose, have been observed in the true "yellows", in fact no collapsed tissue can be traced to the epidermis except in the later stages, when the epidermis has been broken down.

This trouble should not be confused with bacteriosis and stigmomose. Bacteriosis is caused by a bacteria, while stigmomose is due to insect punctures. The spots produced are distinctly different from those of "yellows".

After examining many plants of all the standard varieties on the market, I can safely say that all varieties grown today have "yellows". The

unable to tell whether a plant is entirely free from "yellows." A variety once affected with "yellows" has not been known to entirely recover, and there is always some of the stock so infected. The weeding out process is a slow one, but the returns should more than pay for the trouble.

It has been observed that seedlings rarely show "yellows". However, after cuttings have been propagated from seedling plants for two years they invariably show this condition. This brings out the interesting fact that the disease may first originate in the

stock today is badly yellowed while the cuttings and layers from the same plant show little or no "yellows." There seems to be no question whatever that the disease can be communicated to healthy plants by grafting. A point which we hope to determine this year is whether this disease can be carried through the seed. We have made a number of crosses, with plants showing different stages of this trouble and hope to obtain some clew. As can be seen, the solution of carnation "yellows" is a long task and is just as slow as producing good commercial varieties.

To summarize: Carnation "yellows" is due to causes still unknown. It is increasing in seriousness rapidly and is found today on all the standard varieties on the market. Some varieties appear to be more susceptible to this disease than others. Cuttings from plants showing this disease and over-propagation tend to increase the trouble. Selection of cuttings from entirely healthy plants will help decrease the trouble. "Yellows" does not spread from plant to plant, but can be communicated to healthy plants by grafting.

Dreer's Nursery Additions.

The new warehouse and stable at the nursery of Henry A. Dreer, Inc., Riverton, N. J., are complete, except for a few minor details. The warehouse is 40 feet wide and 140 feet long, and is located in a central position, easy of access from the greenhouses. The construction is of hollow tile with slag roof and the structure is fire proof, the floors being also of hollow tile, steel and concrete. The outer walls are finished in rough concrete stucco upon the tile, giving the building a neat and substantial appearance. The interior arrangements have been carefully planned for the purposes for which the building will be used. One end of the first floor, covering a space of 30x40 feet, has been made absolutely fire-proof and will be used for storing the Dreer fleet of automobile trucks and cars. The cellar and first floor are now being used for the storage of such bulbs as gladioli, dahlias, tuberous rooted begonias, amaryllis, cannas, etc., while the upper floors will be used for the storage of packing materials.



NEW WAREHOUSE AT DREER'S RIVERTON NURSERY.

question of the amount of loss resulting from this disease is hard to solve. As all varieties are more or less subject to this disease we can run no record tests to determine the actual amount of loss, so that we must resort to mere observations which is not always satisfactory. The direct loss, as figured from the standpoint of flower production, is not great. However, the quality of the flower is lowered directly as the vitality of the plant from "yellows" is lowered.

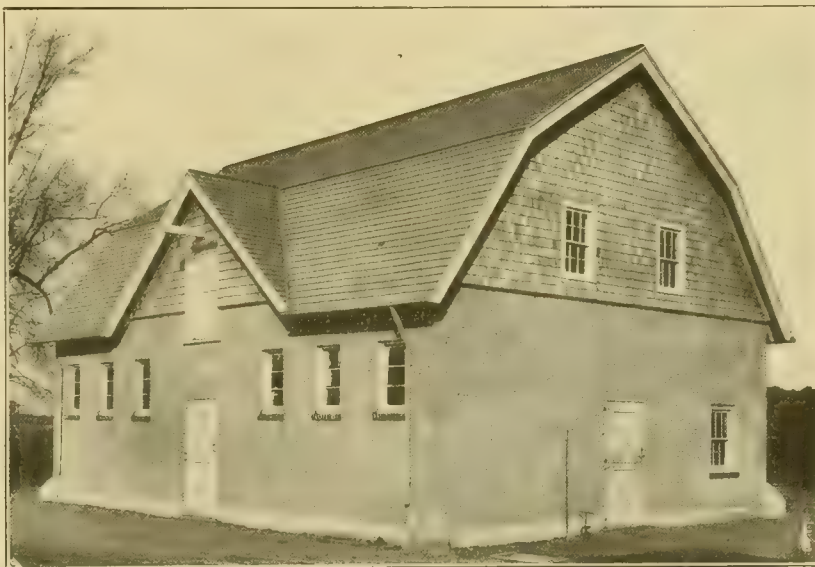
The indirect loss from "yellows" is considerable. Observation shows that this disease lowers the vitality of the plant, and with lowered vitality fungi, especially branch rot, attack the plant causing a very noticeable loss. Branch rot, which is primarily a wound fungus, cannot attack a healthy plant, but is able to kill a weak plant in a short time.

During certain seasons of the year this disease appears to be more noticeable than at others. In the cutting bench, cuttings showing "yellows", as a rule do not strike root easily, while apparently healthy cuttings taken from plants showing this disease root poorly. The disease is very marked when the rooted cuttings are potted up and for several weeks the young plants show considerable "yellows", which apparently disappears by the time they are planted in the field. During July and August the plants in the field again show this trouble worse. During the winter months "yellows" increases on the plants in the house until spring, when the disease is at its height. At the time of making cuttings the disease is evident and so can be avoided to some extent in the selection of cuttings.

Cuttings have been selected now through three seasons, and the results show that by selecting cuttings from healthy plants only, we can control the trouble to some extent. One objection to this method is that we are

cutting bench where cuttings are without any vitality until the roots form; that a breaking down of some sort occurs in the tissue which later develops into "yellows". This point is one of the leads we intend to follow out in our work. Another factor which lowers the vitality of the cutting and so may induce "yellows" is over-propagation.

To determine whether "yellows" is in the "blood" of the plants a number of grafting experiments were carried out. Cuttings, layers, and shoots were taken from seedlings which had not, up to the time of experiment, shown any "yellows." The shoots were grafted on stock badly diseased. The grafted



NEW STABLE AT DREER'S RIVERTON NURSERY.

In designing this new building special attention was given to light and ventilation. This will be noticed by the numerous large windows shown in the illustrations herewith. The building is heated by steam, furnished from the central boiler plant of the greenhouses, so that there is no fire in the building and the hollow tile has been found very efficient in maintaining an even temperature, this being shown during the recent period of cold weather. When the outside temperature was 10 degrees, the two runs of one and a quarter inch pipe (280 feet), held the temperature uniformly at 43 degrees on the first floor, while the basement, without any artificial heat, did not drop below 42 degrees. There is now being installed in the building an improved system hydraulic elevator and electric lights. The new stable, which replaces an old frame barn, is also of hollow tile and stucco and presents a very pleasing appearance in its location at that portion of the nursery in which the rock garden and lily ponds are located. It is fitted up with every convenience and thoroughly up to the times.

Fertilizer Extravagance.

Referring to your recent editorial "A Farm Crisis," and the recent newspaper reports about the statement of the secretary of agriculture relative to the scarcity of potash for fertilizers there are two radically different points of view respecting this matter. The government has stated it from one point of view, but there is also another.

In "Soil Fertility and Permanent Agriculture," by Cyril G. Hopkins of the Illinois Agricultural Experiment Station, it is stated:

"On the other hand, where the ploughed soil contains sufficient total potassium to meet the draft upon it for, say 2,000 years, and where sodium or magnesium salts produce about the same effect as potassium salts, and where potassium produces little or no effect if applied in connection with liberal amounts of decaying organic matter, the conclusion may be safely drawn that the addition of commercial potassium is not essential in adopting systems of permanent agriculture, for even the slight erosion that occurs on nearly level lands will possibly provide an absolutely permanent supply."

I have heard the statement made that the German kali syndicate spends \$1,000,000 per year in the United States in advertising potash. This creates a demand for potash in fertilizers and it is easier for the fertilizer manufacturers to put this in than to argue with the farmer about the matter, although they know that normal soils do not require this potash.

A number of our American soils are deficient in phosphorus. This can best be applied in the form of ground phosphate rock. The rock itself is a product of the United States. The fact that sulphuric acid is high need not keep the farmers from using sufficient phosphorus on their soils, because in the long run ground rock phosphate leads to a more permanent improvement of the soil than the temporary use of acid phosphate.

As to nitrogen in the soil, the cheapest form of nitrogen is that secured from the air by growing leguminous plants and ploughing them under. Such plants cannot be grown on soils which are at all acid. Before this can be done the soils will have to be limed.

Lack of lime is one of the most common deficiencies of most American soils, and it is the defect that can be most easily overcome of any.

If the scarcity of these chemical fertilizers have the effect of causing the

farmer to build up his soil by systems of permanent agriculture, then instead of the scarcity being a calamity it will prove to be a blessing in disguise.—Henry Boyd in the New York Sun, January 12.

Seedsmen Hammon Gains Millions Mining

There was a flower and seed merchant in Oakland, Calif., not many years ago. He had a fair-sized bank account and he decided to go into the orange-growing business. He settled near Oroville, Calif. He became imbued with the idea that there was gold in the beds of the rivers of this state, reasoning that the placer gold of earlier days was not all that had been washed down by the waters of ages. He tried to interest friends and neighbors. They laughed at his notion. Times were hard with him, for about the only thing he possessed was hope, but that wouldn't pay for flour and beans. Finally folks intimated that perhaps the man was a bit light in the upper story, for he persisted in his foolish talk about gold in the sands. One evening when he was dejected his wife took him in hand. "You know folks are saying that you are crazy with your talk about the golden river; and, I don't like to say it, but I'm beginning to believe that they are right. Better stick to your oranges, seeds and flowers."

That's how things were with W. P. Hammon 16 years ago. Today he is master of dredge gold mining in California, and his fortune is rated at millions.

Tennessee State Floral Society.

The annual meeting of the above society, in conjunction with the annual conventions of the Tennessee State Horticultural Society, the Tennessee State Nurserymen's Association and the Tennessee Beekeepers' Association was held at Nashville, January 24, with headquarters at the Maxwell House, which was beautifully decorated by the local florists during the meetings, which continued three days. There were many visitors not only from Tennessee but from distant points as well.

At the meeting of the florists' society, which was called to order by President Thomas C. Joy, a well-balanced and very interesting programme was carried out. Chas. L. Baum, of Knoxville, in response to the president's address of welcome spoke on the subject, "See Who's Here and Why." An able address full of interest was made by E. G. Hill of Richmond, Ind., who took for his topic, "Roses New and Old and How They Originated." Cleveland Johnson, of Memphis, spoke on the "Florists' Outlook." "Efficient Heating" was ably handled by Geo. A. Kimmel of Chattanooga. "The Essentials of Hybridization" was well covered by Professor Floyd Bralliar of Nashville. L. J. Tackett, Ft. Worth, Tex., told what some of the things were that the Texas State Florists Association had accomplished. His talk was full of information and contained many helpful ideas.

A very able paper was that read by R. C. Kerr, of Houston, Tex., vice-president of the Society of American Florists and president of the Texas State Florists Association, the title of his discourse being, "What the Coming of the Society of American Florists to the South Means to Southern Florists." Dan McIntyre, one of the most experienced growers in the state gave his ideas upon "Greenhouse Construction" and Bruce Howell of Knoxville discussed the "Relation of the Growers of Ornamentals to the Florist" and

showed how closely allied were these two branches of the industry. Karl P. Baum of Knoxville, spoke on the "Possibilities of Flower Culture in Tennessee." His paper called forth much interesting discussion. "Office Methods Which I Found Helpful" by John G. Haury, of Nashville, was listened to with much attention. At the night session, Frank A. Butler, superintendent of Nashville's park system discussed "Public Parks." Another fine lecture, illustrated with stereopticon views, was given by W. F. Bohlender, of Peter Bohlender & Sons, Tippecanoe City, O. Interspersed with these interesting sessions were many enjoyable social features, the local florists sparing no pains to have their visitors enjoy themselves and see what Nashville and her people are doing. A trip by auto through the city was part of the social programme and the various ranges and retail establishments were visited, followed by a dinner at the Maxwell House which was much enjoyed.

Splendid exhibits of nursery stock were made by the Stark Bros. Nurseries & Orchards Co., of Louisiana, Mo., and the Vincennes Nurseries, Vincennes, Ind., the latter staging northern grown pecans and English walnuts. The Stark exhibit included a noteworthy display of Hood River grown apples. The latest improvements in greenhouse accessories and supplies made an exhibit of much interest. M. C. D.

Society of American Florists in the South.

A paper read by R. C. Kerr, vice-president of the Society of American Florists, Houston, Tex., at the annual meeting of the Tennessee State Floral Society, Nashville, January 24, 1916.

Surely I was very much pleased when on January 13 you invited me by letter to speak before the Tennessee State Floral Society, because of the element of cordiality that I perceived in that invitation and I want to assure you that I appreciate it as a privilege as well as an honor to be on this programme. My subject was left to my own choosing and I selected, "What the Coming of the Society of American Florists to the South Means to the Southern Florists." I have chosen this subject for two reasons: First, I have an inherent interest in and love for the S. A. F., and second, because I do not wish to miss an opportunity to offer a few suggestions leading up to our S. A. F. convention, which meets in Houston, August 15-17.

We florists are a very conservative people. We believe in holding on to the things that have been found valuable. Sometimes we hold on to some of those things until they have lost their real worth. The American people criticise very severely the Chinese people, because they have been holding on to the old things of their civilization, that they have cherished for generations. Progress in usefulness and in influence of any trade or profession depends more on the vigor with which new ideas are developed and used, than upon mere industry in following long established practice, and I believe from the present spirit of our society, shown at the Texas florists' convention and flower show, also at this convention, and the work that has been done and the action that has been taken by this and other southern societies that we are on the right road, and that we are broadening out.

I am glad to testify to the fact that the people of our entire southland, according to my observation, are doing the best that is within them according to the lights that are before them. I would not trespass upon local questions in your territory, but for

the fact that I have had them brought to my attention in Texas, and our problems are almost identical with your problems in this state. That the florists of the south are waking up to the importance of organization is demonstrated by the activities of this society, the New Orleans Horticulture Society, the Texas State Florists' Association and other southern florists that are considering the matter of state and local organization at this time—and the florists of the south should be more strongly organized than any other section of the country, due to the many obstacles we have overcome. Our difficulties in our growing departments are many; our stores, especially in the lower southern states, were not up to the standard; many of our so-called large floral concerns have shown lack of good business management. These conditions are fast being remedied with modern stores, modern greenhouses, and best of all, modern business methods.

What is bringing about this change in conditions? Local and state organizations are being organized and florists are getting together, discussing these matters and exchanging ideas. You walk into a poorly kept store or a rundown greenhouse where everything appears to be some 10 years behind the times, and say something to the manager about taking an interest in some local or state organization, and his answer, invariably will be that he never attends a convention. He does not believe in organization and never attends or takes any interest in the flower shows. He cannot figure out in actual dollars and cents the good he can derive. That man is short sighted. He thinks he is economical, but he does not realize that he can bring back from a convention some good ideas, that if put into practice, will be money in his pocket.

Again, who are your progressive florists? I can pick them out. They are the men who take an interest in your local, state and national organizations. They also belong to the Chamber of Commerce, the Ad Club, the Merchants' Association and other commercial organizations. I say all these are business getters, to say nothing of the good to be derived by coming in contact with business men of other lines. Many lack up-to-date business methods, for many of our florists are prone to do the work of a two dollar per day man, instead of studying the business-getting side, such as the sales force, the advertising, the display, etc. For, in fact, the fundamental purpose of government, the very foundation stone upon which the success and prosperity of a people must depend, is the strength, vigor, the health of the people, who live under its flag. And our work brings us out into the open, in touch with all that is beautiful and good, and lifts our heart and soul to better and higher things.

This brings me down to the all important subject. The S. A. F. convention is to be held in the south. We want every one possible there and after you attend the convention and return home, see what it means to you, what you put in it, and what you brought back home to be put with your great storehouse of knowledge. Was it not all worth while in time, money and fellowship? Two years ago among many other southern and western florists, I was in attendance at the S. A. F. convention at Boston. We discussed the Society of American Florists, both pro and con. We all asked this question, "Why does not the S. A. F. come south?" Some of the old timers stated that they had only a small membership in the south

and the south takes no interest in our society, nor are the florists of the south awake to the importance of organization. We southerners, among ourselves, talked it over and agreed with our brother florist that what he said was true, and we left Boston with the determination to go home and stir up interest in organization work and show the S. A. F. what we call value in co-operation; to let them and the world know that we were alive to our own interests; that we would stir up so much interest in this work that the grand old organization, the S. A. F., would stand ready for an invitation to visit the south.

The florists from all over the country have been watching the work of the southern florists for the past two years. At the San Francisco convention, the southern florists extended that invitation. It is needless for me to state the results—it was a landslide. Yes, willing, glad to come, to be in our midst. Now, fellow florists, it is up to us to show our mettle. To show them we appreciate being affiliated with them, our loyalty, and show them we are glad they are on their way to be with us. We must rally to the support of the S. A. F., show the florists of the country that we do nothing half-way; that we will make the convention come up to the standard in every way, and it will only take two things from you. Little to put in, but if left out would mean failure, and these two things—your membership in the S. A. F. and your presence in Houston. The Texas florists pledge the rest. Your membership and your presence, and that is asking very little of you, compared to the great amount of good returns we are going to derive from this great gathering of men of our profession. You will give your membership, and I know I can count on your being present, for we must attend these conventions as a labor of love, as the out-growth of deep-seated loyalty of citizenship, and as long as we feel this loyalty, as long as it will inspire us, we will receive many returns. We will have large audiences and a great deal of good will be done. I may be old-fashioned in that idea, but I love the idea of loyalty and patriotism, and we must not fail to find sufficient loyalty and patriotism to uphold the S. A. F., otherwise I will be sadly disappointed. Yet, at the same time, I am practical enough in my make-up, that should the time come that we cannot be loyal enough to give our presence, and if such a condition confronts us, we must be ready to meet it, and I believe we ought to hold this matter up as a great movement; an expression of the loyalty of the people of this country for the good of the whole people, without any regard for direct self returns. Of course, we get returns. Returns in the way of sociability and improvement and in the enjoyment of each other's society, but I mean without any narrow motive, and I believe that we are coming to the test of our loyalty and citizenship along this line. I believe we have to key ourselves up a little, or else we may find the S. A. F. waning.

We are going to have a record breaking attendance and I will tell you why. It is the one opportunity for the florists from the north and east, west and central states to see this grand old southern country, and I may say Texas—add Texas, also. It has been said that when the American Indian was being gradually crowded out of the northern states, there was one tribe that held its own better than the average tribe, but gradually, one by one, the great warriors of this tribe were stricken down,

either by the gun of the white man or by starvation. The wild buffalo were also disappearing, and finally there was but one great warrior left. Brooding upon the many trials of his people, he finally turned his back upon his northern home and set his face toward the setting sun. He finally reached the borders of our Texas before it became a state. Awakening one morning, he looked upon the broad horizon; he saw a great herd of antelope and buffalo; he saw flowing before him a beautiful river and the whole earth seemed to him covered with beautiful flowers. There were thousands of blue bonnets; there was the red blanket, and as it seemed to him a thousand other beautiful wild flowers; and he looked up into the heavens and there was not a cloud in sight. His heart was so filled with delight in this new country, that he cast himself on the ground and exclaimed "Tejas!"—land of sunshine and flowers.

And Houston in that great state has many attractions and never fails to meet her visitors more than half way, so as to assure them a period of pleasant recreation, during such time as they may be permitted to devote to matters outside of the direct object of their visit. With the numerous points of historical interest within easy reach of our city, our entertainment committee arranging a most entertaining trip down our ship channel to the San Jacinto battle grounds; also other trips to our seashore attractions, which are likewise accessible, being only 25 miles away; with our continuous sea breezes blowing day and night, and to that famous summer resort, Galveston. These and many other attractions make the city an ideal one from the visitors' standpoint.

Right now we are planning the convention garden, which promises to be among the best yet displayed at S. A. F. conventions. George E. Kessler, the famous landscape artist of St. Louis, Mo., is acting in an advisory capacity with our own C. L. Brock, park superintendent to the city of Houston, who has this work in charge, and you may rest assured that a great treat is in store for you. Our Convention hall is one of the largest in the south and present indications are that it will be packed to the limit with exhibits. Our three million dollar hotel The Rice, will be the headquarters. So, you see it will be worth while to attend this convention in Houston.

Now, I want to make my last plea for your support with your membership and your presence and I know every florist here will be only too glad to render this assistance and give me his membership before leaving the hall. One thing about this movement is that everybody can work at it. It is one of the biggest propositions that can be conceived. We ought to go home from here with new inspiration, with a full realization of the splendid work which stretches out before us, and we ought to accomplish great results. And, in conclusion, fellow workers, let me say that notwithstanding the few suggestions I have made, the burden of my message to you today, is to put your numerical and financial strength in your local and state organization and to the mother organization of them all, the S. A. F., and you will get much in return.

Again thanking you for the privilege of appearing before your organization and with best wishes for its future. I hope to see each and every one in Houston this summer.

Boston.**TRADE BETTER THAN YEAR AGO.**

The past week witnessed a slight decline in the price of some lines of flowers, owing to an increase in the supply. The "January thaw" brought with it spring weather and did a great deal toward relieving the shortage. Roses held up very well the whole week, but carnations declined in price the last three days, \$4 per 100 being about the limit on them now. Bulbous stock is arriving in large quantities, Dutch Spurs and Lorraine tulips being most plentiful. Spurs now sell for \$3 and \$4 per 100, tulips bringing \$1 per 100. Calla lilies are very scarce for the season; the few flowers that come in sell readily for \$2 to \$3 per dozen. Freesias sell well at \$5 and \$6 per 100, there being some extra fine stock seen. Violets are not in such heavy demand as usual, 75c per 100 being about the limit. From all appearances, the outlook for the next month is very promising, as the retail trade on the whole is very good, far better than at this time last year, and there is no sign as yet of an abnormally heavy crops of any kind of stock.

CLUB MEETING.

The Boston Gardeners' and Florists' club held its annual "ladies night," January 18. There was a very good attendance, about 350 being present. The officers for the ensuing year were installed and the reports of the various committees were heard. President Metheven appointed the following committees: Entertainment—George Hamer, W. J. Collins, John McIntyre, Wm. Mix, Harold Edgar, Wm. Watson, A. E. Eisenhardt, P. A. Gavin and D. J. Creighton. Membership welcome committee—J. F. Briery, J. N. Ness, D. J. Reid, J. L. Russell, Edward Rose, John Reid, R. E. Montgomery and Frank Murray. Committee on exhibits—Robert Cameron, Kenneth Finlayson, Duncan Finlayson, James Wheeler, Wm. Downs, S. J. Goddard, F. E. Palmer, T. H. Westwood, Julius Huerlin, Alex McKay, Donald McKenzie, Chas. Sander and Eber Holmes. Guttman & Raynor, Inc., of New York, exhibited the new rose, Prima Donna, which received a report of honor and the two new carnations, Laura Weber and Peace, both of which were awarded honorable mention. The business meeting was followed by a very nice entertainment of music, speaking and vaudeville after which refreshments were served. The party then engaged in dancing for the rest of the evening.

NOTES.

E. K. Farr, of Stoneham, Mass., is cutting some very fine carnations at present. His White Wonder is the best seen in the city, the stems being exceptionally strong for this variety. He is also cutting some very good Spencer sweet peas.

Cahil & Beasley, of East Milton, Mass., are cutting some extra good pansies. Their high quality may well be imagined when they receive \$3 per 100 for the specials. They have crops of sweet peas and irises coming in a little later.

Max Trockman, with H. M. Robinson Co. has announced his engagement to Miss A. Schaefer. The wedding will take place March 26. The couple will go to Philadelphia on their honeymoon.

Matthew Roan, of Waltham, Mass., recently purchased a "Buick Six" automobile. "Matty" is quite an automobile enthusiast and derives a great deal of pleasure from his new car.

Welch Bros. report a very good trade, and are very enthusiastic over the outlook. They are receiving a very fine line of stock at present, their roses being of exceptional quality.

John H. F. McDonald, the well-

known Harvard square florist, is receiving congratulations from his many friends upon the arrival of an eight pound boy January 17.

Penn. the Florist, will discontinue the Bromfield store and devote all their energies to the new store at 124 Tremont street. January 28 is the date set for the removal.

Mrs. Thomas Cox passed away at her home in Dorchester, Saturday morning, January 22. Mr. Cox's many friends extend their sympathy in his bereavement.

Alex Guttman, of Guttman & Raynor, Inc., New York, was visiting in Boston for a few days this week.

The bowling league met Thursday evening, January 20, Bresnahan again carrying the individual honors with 114 for single string and 320 for the three. The standing of the teams is as follows:

Galvin ...	39	13	Market ...	36	16
Carbone ...	34	18	Zinn ...	24	28
Pansies ...	23	29	Flower Ex.	21	31
Robinson ..	19	33	Mc & Mc..	12	40
F. L. W.					

Lancaster County Florists' Club.

The third Thursday of each month and the one o'clock trolley car seem synonymous terms. This time it was all aboard for Strasburg, the home of good carnations, and the first stop made at Amos Rohrer's, where we found the stock in good shape, and a preference for White Wonder over Matchless. Mr. Rohrer grows quite a bit of mixed stock to supply the local needs of his borough, and it is in evidence all along the streets, almost every house having one or more windows filled with plants and flowers. The next place visited was that of Charles Herr, the place to see first-class plants and first-class flowers under any and all conditions of weather and this was no exception right now; good clean stock and good quality blooms, not so many of them as under good sunshine, but enough to satisfy any grower. Mr. Herr is just the opposite from Mr. Rohrer and is enthusiastic over Matchless and will plant no other white for the next few years. Enchantress Supreme is so satisfactory that he does not want any other in this color for some time to come and a very good looking bench of Alice is likely to be filled with Enchantress Supreme instead for next season. Champion is being tried out and gives good results, but it not to be compared to Beacon as grown at this place. It was the intention to visit the establishment of J. Wade Galey, a short walk from Strasburg, but the weather was hot, the clouds dripping with moisture, and the road muddy, so this trip had to be given up and we trolleyed back to Lancaster. We had with us as visitors S. S. Pennock and Ernest Hoehl, of Philadelphia, Pa.; James Brown, of Coatsville, and J. L. Lockard, from Mountville, formerly of York, Pa.

The meeting was called to order by President B. F. Barr at 7:30 p. m., and after the usual routine the election of officers was taken up, resulting as follows: Harry A. Schroyer, president; Elmer J. Weaver, vice-president; Frank L. Kohr, secretary; Harry K. Rohrer, treasurer. With the usual formalities, and the use of considerable flowery speech, the retiring president turned over his office to the incoming president, and Mr. Schroyer in accepting it, asked the hearty cooperation of each member of the club, and in the course of his remarks made the statement that Lancaster county grew as good stock as any place in the United States and sometimes a little better than any other place. This was corroborated later in the

evening by Ernest Hoehl of S. S. Skidelsky & Co., who took off his hat to Lancaster county growers, and of course as a mere matter of side issue, later on took their orders for stock. The incoming secretary made his bow to the public and hopes to please every member of the club.

L. Landis, the retiring secretary, had served the club since it organized and helped to put it on the good solid basis it now is. The treasurer we all know is one of those faithful chaps who says little and does much, and guards the funds of the club with a watchful eye and a strong hand. On the exhibition table, through the courtesy of the S. S. Pennock-Meehan Co., we had displays of Alice Coombs, Nancy, Rosalia, Miss Theo, Aviator, Belle Washburn, Nebraska, Old Gold and Seedling No. 360 of Roper's, all of which will be heralded at the meeting of the American Carnation Society in St. Louis, and none of which deserved any unfavorable comments, but Alice Coombs seemed to lead in favor, with Rosalia as a possible successor of Mrs. C. W. Ward, which seems to be deteriorating with many growers. S. S. Pennock gave us a short, but to the point, talk on the newer carnations, and gave a boost for the National Flower Show in Philadelphia, March 25-April 2, and on the strength of these remarks it is likely that there will be worked up a Lancaster day for the show and a special train run from this point. Mr. Hoehl told us of his trip through the east, where he saw some of the newer carnations growing and several members discussed carnations pro and con.

It was voted to allow employees to come into the club as associate members at \$1 per annum. H. S. Williamson, the man who stands for everything progressive in Lancaster, joined as an amateur. The president then appointed his committees as follows: Programme—H. K. Rohrer, Thos. Fries, W. B. Girvin, W. A. Hammond. Show Committee—A. M. Herr, M. J. Brinton, A. F. Strickler, Walter Denlinger. Glad Hand Committee—J. H. Linky, E. P. Hostetter, John Shreiner, J. Ralph Hess. Membership—B. F. Barr, J. C. Siebold, J. L. Ranck. Visiting Committee—Elmer Weaver, Chas. Herr, Wm. Aherne, Ira Landis. Sport Committee—David Rose, Rudolph Nagle, C. S. Loeffler.

The next meeting, February 17, will be a lecture by Lord & Burnham Co., illustrated with lantern slides on greenhouse construction and every florist within reach of Lancaster on that date is invited to attend and meet the Glad Hand committee. The visit will be to the establishment of W. B. Girvin, at Leola, and the time from Lancaster, 3 p. m., Thursday, February 17.

ALBERT M. HERR.

John Bauscher's Fire Loss.

After an all-night fight, January 17, to prevent the freezing of stock at the range of John Bauscher, Jr., Freeport, Ill., the property caught fire the following morning and seven of the 15 houses and their contents were completely destroyed. The damage to the heating plant was also great, and the loss of plants by freezing in the eight houses that escaped the fire will make the loss, it is estimated, not less than \$40,000. Approximately 60,000 feet of glass were broken. The fire, the origin of which is unknown, started in the packing shed, and as the range is situated quite a distance from the nearest fire hydrant, only one stream could be used, nearly 3,000 feet of hose being required. Only a small amount of insurance was carried, due to the high rate for the risk.

Horticultural Society of New York.

An exhibition was held under the auspices of the Horticultural Society of New York in the American Museum of Natural History, Central Park West and 77th street, January 19. The exhibits were largely from private estates and there were a number of excellent features, noteworthy being orchids from Clement Moore, Hackensack, N. J. (J. P. Moosman, Gr.); Mrs. F. A. Constable, Mamaroneck, N. Y. (James Stuart, Gr.), and Lager & Hurrell, Summit N. J., commercial growers, all of whom took prizes. Henry Goldman, Deal Beach, N. J. (Anton Bauer, Gr.), exhibited for the first time, a seedling snapdragon. This is a fine production, as it now appears, with creamy yellow flowers, close and evenly distributed. It was awarded a special prize.

Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), was awarded a special prize for a handsome vase of *Buddleia Asiatica*. William Shillaber, Essex Falls, N. J. (J. P. Sorenson, Gr.), won a special prize for a vase of pink sweet peas named Yarrowa. J. C. Brady, Gladstone, N. J. (Fred Hughes, Gr.), took special prizes for vase of Hoosier Beauty roses, vase of Double White Killarney roses, vase of Carnation White Wonder and vase of poinsettias.

In the classes for carnations, Mrs. C. Hermann, Tarrytown, N. Y. (Abel Weeks, Gr.), won first prize for 12 white. Henry Goldman was first with 12 Enchantress shade and first with 12 Mrs. Ward shade. J. C. Brady won first for 12 scarlet. D. G. Reid, Irvington, N. Y. (A. W. Golding, Gr.), took first for 12 crimson and first for vase of 50 blooms, one or more varieties arranged for effect with asparagus. P. W. Popp was awarded a special prize for six pots of *Spirea rubrum* and James Stuart received a certificate for a vase of euphorbia. A meeting of the society was held at 3:45 p. m., after which William N. Craig lectured on the "Home Flower Garden."

A. F. F.

Oklahoma City.

There has been an unusually heavy demand for funeral flowers from towns throughout the state and this has tended to keep the city florists quite busy this week. Saint Valentine's day is beginning to be featured in the florists' advertisements in the daily press. This is good business, as February 14 has developed into a good flower day in this city.

NOTES.

A postal census just completed shows this city to have a population of over 80,000 people. Almost every grocery store is handling flower seeds and, during the proper season, the city is overrun with tree agents representing nurseries located in other states. Some day some enterprising seedsmen and nurserymen will locate here and build up a fortune, for neither of these branches of the trade have been developed in proportion to the growth in population. It may not be generally known, but is a fact, that the population of the state of Oklahoma now exceeds in number the population of the state of Kansas.

Furrow & Co. are sending in from their Guthrie greenhouses a very fine line of bulbous plants and cyclamens. This firm has completed the surveying of their newly acquired property in the city and as soon as weather conditions will permit they will commence the erection of a range of greenhouses.

January 22 the Stiles Co. conducted a bargain day sale on red geranium plants. They filled their show window with the geraniums, and these all being in full flower they made quite an effective display. The sale proved quite a success.

S. S. B.

OBITUARY.

Mrs. Louise Witterstaetter.

Death wrote "finis" to the life story of Mrs. Louise Witterstaetter, mother of Richard Witterstaetter, well-known florist of Cincinnati, O., January 20, after a brave fight against the overpowering odds of time. She had reached the good old age of 88 years. This good and noble woman passed into eternal rest as peacefully as the angel of rest touches the orbs of an infant.

In life, "Grandma" as she was known among her neighbors as well as her grandchildren, carved her name on the imperishable tablets of memory. She was beloved by all and she endeared herself with kind words and a tender heart to all with whom she came in contact. The funeral was held from her late residence, Monday, January 24, to St. William's church. The floral tributes were beautiful and numerous.

Released! Released! set free at last!

Her inner "soul" that long has sought the air,

The infinite air from which the spheres draw breath—

Has found its freedom in the ultimate "There!"—

Has left its place on the wings of Death.

H. S.

Edward Welch.

Edward Welch, for the past 35 years a well known and prominent florist of Hartford, Conn., died at his home in that city January 19, of pneumonia, after an illness of four days. He was in his fifty-fourth year. He was born in Simsbury, Conn., the son of Andrew and Margaret Welch. When a mere boy he was growing flowers, and when 21 years old he went to Hartford and started in business as "Welch the Florist." For a number of years he had a store and greenhouse in Windsor avenue. About 12 years ago the retail department was removed to Asylum street. Two years ago, he sold the store to his son, Andrew W. Welch, who removed the business to the Majestic theatre building, also on Asylum street. The father continued in charge of the greenhouses.

Mr. Welch was a man of genial and kindly disposition, broad minded and charitable. A devout Roman Catholic, he was generous and open handed to the needs of his church. In the fraternal orders to which he belonged, he was extremely popular on account of his good humor and ready wit. He was a member of Green Cross council, Knights of Columbus; Hartford Lodge No. 19, B. P. O. E.; Samuel Colt court Foresters of America and the Third Division, A. O. H. His wife, who survives him, was Miss Ellen M. Pattison of Simsbury. He is also survived by four sons, Edward J., Andrew W., G. Francis and Donald Welch.

Thomas J. Dixon.

Thomas J. Dixon, for the past 50 years in business as a florist and gardener at the corner of Tilden and Canarsie avenues, Brooklyn, N. Y., died at his home, January 19, from infirmities of age. He was 82 years old. He was born in Westmeath, Ireland, and came to this country when 19 years old. He worked for a time on a private estate at Red Bank, N. J., but soon went into business for himself. His business was largely funeral work and the care of lots in Holy Cross cemetery, near which he was located. He was an upright man and had many friends. He is survived by a widow, one daughter and two sons. His funeral was held at Holy Cross church on the morning of January 22.

Bernard Schramm.

Bernard Schramm, pioneer florist and nurseryman of Toledo, O., died at his home in that city, January 18, aged 78 years, after a brief illness. He was born in Statzheim, Alsace-Lorain, and came to this country in 1853, locating in Philadelphia, where he spent some time with his uncle, Peter Kiefer, hybridizer of the Kiefer pear. In 1863 he went to Toledo, where he organized the Humboldt Nursery, and achieved an enviable reputation as a nurseryman of exceptional ability. He was also among the first to engage in the florist business in Toledo, the establishment now being conducted under the name of Schramm Bros. being established by him in 1881. Mr. Schramm was a successful business man in every sense of the word, and his death marks the end of a long and honorable career.

Hugo Hoffman.

Hugo Hoffman, for a number of years in the wholesale cut flower business in New York, died January 14; he was about 55 years old and a widower without children. Over 20 years ago he was a member of the wholesale firm of Hoffman & Hart, which for a time had a good business. After the dissolution of that firm, he was in business for himself for several years. He was later employed by J. K. Allen; also by Reed & Keller, the supply firm. Of late he has been connected with a moving picture concern. He was a native of Germany.

Henry J. Huesman.

Henry J. Huesman, the oldest and one of the best known florists of Reading, Pa., passed away January 19, at his residence, 631 Schuylkill avenue, aged 71 years. For the last 37 years, Mr. Huesman conducted a floral establishment at Schuylkill avenue and Greenwich street. His death was due to asthma and heart disease. Mr. Huesman had hosts of friends in that locality and was well known among his fellow craftsmen throughout that section.

OAKLAND, CALIF.—J. Murate will build a greenhouse to cost \$1,800.

DETROIT, MICH.—Hugo Schroeter is recovering slowly from a recent operation.

PETERSBURG, ILL.—Salverson's Greenhouse has established a downtown flower store.

SALEM, N. J.—A new flower shop has been opened by H. E. West in the Patterson building.

BRATTLEBORO, VT.—Royal W. Smith has assumed the management of the Hopkins Flower Shop.

SAN FRANCISCO, CALIF.—Harris & Cole have opened a flower shop at Bush and Octavia streets.

NASHVILLE, TENN.—Chas. Triethler has built several houses and will grow bedding plants and vegetables.

EASTON, MD.—The twenty-ninth annual meeting of the Peninsula Horticultural Society was held in this city January 11.

JAMESTOWN, N. D.—Jacob Dekker, formerly of Butte, Mont., has purchased the Jamestown Floral Co. from C. L. Stuewig.

WENATCHEE, WASH.—Mr. Milot of the Milot-Mills Co., has been confined to his bed since New Year's day with injuries received when his auto overturned, breaking three ribs, one of the fractured members entering the lung.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ANOTHER below zero snap is at hand, when perishable shipments must be held back.

THE Cottage Gardens Co., Queens, N. Y., was awarded the American Carnation Society's gold medal at St. Louis this week for Crystal White, one of this firm's new varieties.

THE post office department has recently issued a report showing that in the cities of Chicago, Washington, Detroit, St. Louis, and Philadelphia, auto service is superior to that of horse-drawn vehicles, making much better time at greatly reduced cost.

Reemelin-Peterson.

The marriage of Roger Wales Peterson and Miss Isabelle C. Reemelin was solemnized January 12, at Westwood, Cincinnati. The happy couple will be at home at 3150 McHenry road, Cincinnati, after February 15.

At the present rate of production Chile's known nitrate deposits can supply the world for over 100 years. Only three per cent of possible nitrate area has been explored.

Illinois State Florists' Association.

CONVENTION BOOSTERS.

On the call of Chairman John Staack of the general committee of arrangements the various general committees in charge of the local arrangements for the coming convention of the Illinois State Florists' Association, to be held in Moline March 7-8, met at the office of Julius Staack & Sons, Moline, Tuesday, January 18. Notwithstanding the inclement weather there was a good attendance at this meeting, mainly due to the great interest taken by members in the forthcoming convention. Davenport, Bettendorf and Rock Island members being as unselfish and as enthusiastic in their efforts for the success of this meeting as are the Moline florists, each of the cities named being largely represented on the various committees having charge of the arrangements for this meeting.

The name, Tri-City, is somewhat misleading, as properly it should be Quad-City, Bettendorf, Ia., which boasts several of our hardest working members, being directly across the Mississippi river from Moline, with Rock Island adjoining us on the west and sustaining the same relation to Davenport, Ia., that Moline does to Bettendorf. These four cities have a population of about 125,000, intelligent, progressive, music and beauty loving people. As an evidence of this it may be mentioned, that during the recent holiday season one local firm disposed of at good prices, one entire car-load of holly, and at that had to disappoint some late would-be buyers.

These cities are all linked together by as fine a street car service as there is in the west. We are connected on the south in Illinois, with Galesburg, Monmouth, Aledo, etc., by the Rock Island Southern interurban electric. With Clinton, Ia., on the north and Muscatine, Ia., on the south by the I. & I. electric road. With the outside world the Tri-Cities are connected by the Chicago, Burlington and Quincy, the Rock Island lines including the Rock Island and Peoria and the Milwaukee and St. Paul railways, all these lines reaching each of our cities. For the creature comfort of our guests we have in easy reach 12 first class hotels.

At this meeting it was decided to hold weekly meetings of all committees in charge of the arrangements. The chiefs of the various committees are as follows:

General chairman of all committees—John Staack, 2702 Sixth avenue, Moline, Ill.

Chairman entertainment committee—C. O. E. Boehm, park superintendent, Davenport, Ia.

Chairman hall committee—Wm. Knees, Sr., 1827 Fifteenth street place, Moline, Ill.

Chairman publicity committee—W. C. Wilson, 3107 Park, Sixteenth street, Moline, Ill.

Chairman privilege committee—A. Anderson, 1136 Thirteenth avenue, Moline, Ill.

Recording secretary—Wm. Knees, Jr., 1827 Fifteenth street place, Moline, Ill.

Prices Advancing.

A horticultural manufacturing concern which is raising prices on its goods says: "The truth is that the cost of material has advanced very much recently and since the war commenced the price of labor has gone up with us from \$1.60 to \$2.50 per day, which we are now paying, and it has come to a point where some of our specialties are most unprofitable. We do not know what we can do otherwise than advance the price or else discontinue their manufacture. Other people seem to be advancing prices as necessity requires. For instance, the Packard Car Co. quoted us \$2,600 on a car in November, and after considering the matter we decided to purchase in December and they put the price up \$150 higher, stating that the actual cost of the materials in the car had advanced in that short time to this extent; consequently we were obliged to pay \$2,750, although the previous quotation had been given and was being considered when the price was advanced. In twine which we use in connection with wrapping the price was advanced from 15 cents per pound to 20 cents per pound last week and that without notice. The dealers who supply us with automobile tires have advised us that they would accept no more orders at prevailing prices and were re-arranging their schedules, and would quote an advance price within a few days. We merely mention these matters to show what we are up against in the matter of manufacturing. The cost of labor with us is of course the greatest item of expense."

State Florists' Association of Indiana.

The February meeting of the State Florists' Association of Indiana will be held Tuesday, February 1, with F. Dorner & Sons Co., at Lafayette. Indianapolis florists will leave traction terminal station on the 8:15 limited car. Remember the date, members and visiting florists, and join the party.

O. E. STEINKAMP, Sec'y.

Philadelphia Hotel Rates.

The following is a list of Philadelphia hotels and rates per day issued by the committee on information of the Fourth National Flower Show to be held in that city, March 25-April 2. Fred Cowperthwaite, chairman of the committee, Room 1205 Widener building, Juniper and Chestnut streets, Philadelphia, Pa., will be pleased to give any further information desired upon request.

	Room without bath for 1 person.	Room with bath for 1 person.	Room without bath for 2 persons.	Room with bath for 2 persons.
Hanover ..	\$1.00-1.50	\$1.50-2.00	\$2.00-2.50	\$2.50-3.50
Walton ..	1.50-2.00	2.00 up	3.00-3.50	3.50 up
Bellevue-Str'd'd ..	2.50-4.00	3.50-5.00	3.50-5.00	4.50-6.00
Ritz ..		3.50-4.00		5.00
Carlton ..		3.00		5.00
Adelphia ..		1.50-3.00	1.50	2.00-3.50
Cont'l ...	1.00	2.50	2.50	4.00
Stenton ..	1.50-2.00	2.00	2.00	2.50
Windsor ..	1.00	1.50	2.00	2.50
Majestic ..		1.50 up		2.50 up
St. James ..		2.00-2.50		3.00-4.50
Bingham ..	1.50 up	3.00 up		3.50-4.00
Colonade ..	1.00	2.00	2.50	3.50
Greens ..	1.00-1.50	2.00-2.50	1.50-2.50	3.00-4.00
Vendig ..		2.00 up		3.00 up

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Buffalo, N. Y., February 1, 8:30 p. m.—Buffalo Florists' Club, 353 Elliott street. Wm. Legg, secretary, 889 West Delavan avenue, Buffalo.

Detroit, Mich., February 1, 8 p. m.—Detroit Florists' Club, L. Bemb Floral Co. Henry Foustler, secretary, 237 Woodward avenue, Detroit.

Indianapolis, Ind., February 4.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, 3800 Rockwood avenue, Indianapolis.

Lake Geneva, Wis., February 1, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Raymond Niles, secretary, Lake Geneva.

Los Angeles, Calif., February 1, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin street. Hal S. Kruckeberg, secretary, Los Angeles.

Minneapolis, Minn., February 3, 8:15 p. m.—Minneapolis Florists' Club, usually at 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Montreal, Que., February 1, 8:30 p. m.—Montreal Gardeners' and Florists' Club, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Philadelphia, Pa., February 1, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall. Broad street, above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., February 1, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, 10th street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., February 1, 8 p. m.—Florists' Club of Washington, 1214 F street. N. W. Clarence L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., February 2, 8 p. m.—The Kentucky Society of Florists. August Baumer, secretary, Masonic Temple, Louisville.

Albany, N. Y., February 3, 8 p. m.—Albany Florists' Club, 611-613 Broadway. Robert Davidson, secretary, 139 Second street, Albany.

Milwaukee, Wis., February 3, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegler's Cafe, State and Third streets. Eugene Oestreich, secretary, North avenue and 55th street, Milwaukee.

Newark, N. J., February 3, 8 p. m.—Essex County Florists' Club, Kreuger Auditorium, Belmont and Springfield avenues. Edward Jacobl, secretary, 109 W. Clinton avenue, Irvington, N. J.

Omaha, Neb., February 3, 8 p. m.—Omaha Florists' Club, Court House. L. Henderson, secretary, 18th and Douglas streets, Omaha.

Terre Haute, Ind., February 3, 8 p. m.—Terre Haute Florists' Club, Commercial Club Rooms, Tribune building. N. B. Stover, secretary, 118 South Sixth street, Terre Haute.

Lake Forest, Ill., February 4, 8 p. m.—North Shore Horticultural Society, Council Chamber, City Hall. E. Bollinger, secretary, Lake Forest.

San Francisco, Calif., February 5, 8 p. m.—Pacific Coast, Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate avenue. Walter Hofinghoff, secretary, 432 Phelan building, San Francisco.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Private or commercial; can be well recommended; age 18 years. Address Key 593, care American Florist.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—By a good grower and propagator of cut flowers, pot and bedding plants, age 56, reliable worker, strictly sober; to take charge, middle west preferred; wages \$14.00 per week. Please state particulars. Address Wm. Kirkham, 620 Madison St., Jefferson City, Mo.

Situation Wanted—A young man, 26 years old, would like a position in seed store; 10 years' experience with American and British firms. Good knowledge of nursery stock. Free for engagement. Key 598, care American Florist.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALXIS POIRON, Bustleton, Pa.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can come at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—By February 15. Gardener florist, 38, married, two children, hard working. First-class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 596, care American Florist.

Help Wanted—Girl for retail flower shop in loop, also a delivery boy. State fully in first letter; age, experience, reference and salary expected. Address H. M. HIRSCH, 4411 West End Ave., Chicago.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M. College, Stillwater, Okla. Salary to begin \$50.00 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to SUPERINTENDENT OF GROUNDS, A. & M. College, Stillwater, Okla.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter. Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars. LOUIS SCHELLHAAS, Miamisburg, O.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

HELP WANTED

Young men, 16 to 18 years of age, who have had some experience in greenhouse work. Please mention all particulars as to experience and salary had.

POEHLMANN BROS. CO.
Plant B. Morton Grove, Ill.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

To Fill the Empty Benches

The Present Demand Is for

YOUNG STOCK

CARNATIONS

CHRYSANTHEMUMS

EASTER PLANT STOCK

Miscellaneous Bedding Plants

ADVERTISE THEM NOW

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago



Canna Firebird

**The Best Scarlet, Green-Leaved
Canna. A Grand Companion
to King Humbert.**

We have seen and tested many varieties during the years we have devoted to their culture, and have yet to see the one that can approach it.

**Our Rapid Propagation the past
two years, brings it now before
the public at a moderate price.**

**You will be asked for it the coming
spring. Is your order booked?**

25 FOR \$5.00

Write for prices on larger lots

**Please ask for "Book for Florists"
Spring 1916, Now Ready.**

**Vaughan's Seed Store,
Chicago. New York.**

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Cleveland.

Stock is coming in a little more plentiful the latter part of this week, due to the warmer weather and a few days of sunshine, but it has not improved the quality to any extent. Roses still remain far short of the demand in all colors and grades. Carnations are more abundant and the prices have dropped a cent and more on the different grades. Reds seem to predominate. Freesias, sweet peas, snapdragons (white, yellow and Ward color), daffodils, Paper White narcissi, tulips, calla and Easter lilies, orchids, violets and lily of the valley are a part of the daily receipts. The demand has dropped off somewhat, there being considerably less funeral work the past week. Greens are plentiful.

NOTES.

On Wednesday evening, January 19, the establishment of Charlesworth &

Son, 10601 Euclid avenue, florists, and Wood & Co., seedsmen, who are located next door, were destroyed by fire. L. Charlesworth, who lived in apartments over his store, lost all his household effects, only partly covered by insurance, and his store was very badly damaged. He is at work cleaning things up and expects, temporarily at least, to continue business at the old stand.

Martin L. Reutenik, president of the Vegetable Growers' Association of America, who lives on Schoaf road, has been elected president of the Lincoln Savings and Banking Co., 2820 West Twenty-fifth street. He is one of the best known market gardeners of the middle west and has been mayor of Brooklyn Heights for a number of years.

Miss Elsie D. Nosek, youngest daughter of Mrs. A. Nosek, florist at

5307 Broadway, will be married to F. H. Gehrke, January 25, at St. Peter's Lutheran church.

C. F. B.

Columbus, O.

FLOWER SHORTAGE BREAKING.

Following a record-breaking January in the way of scarcity of stock and long prices, there are signs of a break in the market. The sunshine of the past week has been favorable to the maturing of sweet peas, carnations and other standard blooms. This will be in the nature of a relief to florists, who have had their orders to big growers turned down, and have undergone much difficulty in taking care of the public. While the bulk of the trade has been funeral work, a very large demand has been in the way of flowers to be sent to sick friends.

OVER ONE-HALF A MILLION CARNATION CUTTINGS

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
Rose-Pink Enchantress	2.00	18.00
White Enchantress	2.00	18.00
White Perfection	2.00	18.00
White Wonder	2.50	20.00
Mrs. Ward	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Champion	3.00	25.00
Beacon	2.50	20.00

ROSE PLANTS, 2½ IN.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
White Killarney	4.00	35.00
Maryland	4.00	35.00
Richmond	3.00	25.00
Sunburst	4.00	35.00
Milady	4.00	35.00
Ophelia	5.00	45.00
American Beauty	4.50	40.00

Extra fine stock—Ready for immediate shipment.

PETER REINBERG

Wholesale Florist

30 East Randolph St.,

Long Distance Phone
Central 2846

CHICAGO

DORNER'S NOVELTY FOR 1916

New Salmon Pink Carnation NANCY

Color, light salmon pink, a little darker than Pink Delight and a more even color. Blooms are good commercial size, three inches and over, nicely formed and have never shown a bursted calyx. Stems always hold the flower upright. The habit is a quick productive growth and as a producer it stands highest among commercial varieties. Color does not fade. Fragrance is very noticeable. Having an excellent cerise pink and an improved yellow to offer in 1917, we have decided to disseminate the variety NANCY this year (1916). For a light pink that will produce quantities of bloom and is commercially good in every respect, plant NANCY. The stock is limited and orders will be filled in rotation as received. Price, rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

STANDARD VARIETIES OF CARNATIONS AND 1915 INTRODUCTIONS. READY NOW.

	Per 100	Per 1000
Pink Sensation.....	\$6.00	\$50.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Matchless.....	3.50	30.00
Yellow Prince.....	3.50	30.00
Champion.....	3.00	25.00
Yellowstone.....	3.00	25.00
White Wonder ..	3.00	25.00
White Enchantress ..	3.00	25.00
Rosette.....	3.00	25.00
Mrs. C. W. Ward.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00
Benora.....	3.00	25.00

Chrysanthemum Early Frost

The Early White Mum. February Delivery. This variety has proven so satisfactory that the demand for stock will be greater than the supply. Place your order now. We have a large stock. Rooted cuttings, \$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

THE NEW ROSE MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS.....	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES.....	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready in January, 1916.

Waban Rose Conservatories, Natick, Mass.

Many customers who found the price of cut flowers prohibitive would be persuaded to substitute a plant, at a price corresponding to what they had in mind upon coming in for carnations or roses. Trade is still very active. Easter lilies, always in demand for funeral orders, can hardly be obtained at all in the case of florists who do not grow them. The outlook is regarded as being very good for St. Valentine's day flowers.

NOTES.

Opening of a new \$550,000 home by the Athletic club last week, with incidental private and public receptions, gave Columbus florists considerable business. The club contract was in the hands of the Livingston Seed Company, including palms, azaleas, roses and other flowers for the six floors of the building. There were also a number of private orders from friends of the club or groups of members. One table piece, supplied by T. J. Ludwig, cost \$75.

The Franklin Park Floral Company and Underwood Brothers, who depend upon a public service company for their heat, had a hard time saving stock one night during the zero weather of last week, when the plant was out of commission for a time. Both suffered more or less damage before improvised relief measures could be put into force.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, Ellis, Mass.

E. J. Gould, a veteran florist of the neighboring little city of London, O., died January 20, of the infirmities of age. His two sons, who had been associated with him for a number of years, will continue the business.

The Wilson Seed Company, of South High street, is adding to the attractiveness of its cut flower department by the installing of some new fixtures.

J.

COLUMBUS, O.—The Ohio State Horticultural Society will hold its annual meeting in this city February 1-3.

Ft. Wayne, Ind.

SCARCITY OF FLOWERS CONTINUES.

During the past week the scarcity of flowers has been even more marked than the previous week, although the temperatures have moderated considerably. Dark weather has generally prevailed, with an occasional sunshiny day. The demand continues to be very brisk in all lines and out-of-town flowers have to be shipped in in order to fill the numerous orders for decorations, weddings, parties and funerals. Prices are holding up very well, roses especially, the Shawyer and Russell

LATEST EDITION

ISSUED JULY, 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

PLANT A LIVE ONE

AVIATOR

Best Scarlet Carnation Ever Offered

AVIATOR is an unusually productive carnation and will produce 30 blooms per plant per season, with a heavy crop for Christmas. We have already cut on an average of over 14 blooms per plant from stock benched September 5, 1915, and are still cutting heavily every day. Our records show that **AVIATOR** is the best money maker on our place and is a variety that every grower should buy if interested in greater profits. Color is an intense scarlet and the flower has a fine full center. Stem is thin, wiry and stiff, and the calyx non-bursting. Every break develops into a perfect flower in a remarkably short time. Place your order right now for **AVIATOR** and get on the band wagon so that when the music starts up next season you will be among the successful ones to gather in the coin.

ROOTED CUTTINGS, \$12.00 per 100; \$100.00 per 1000.

For list and prices of other varieties see our advertisement
in the Ready Reference Department of this paper.

J. D. Thompson Carnation Co.
JOLIET, ILLINOIS

varieties bringing \$1.50 to \$4 and \$5 retail. The blooming plant trade is remarkably good at present.

NOTES.

Miss Helen Patten, of the Patten Flower Shop, Toledo, O., and Miss C. B. Flick spent two days in this city last week, Miss Flick coming to decorate the Anthony hotel ballroom for a musicale, which was one of the leading society events of the season. American Beauty roses in profusion were arranged in an artistic manner, with palms and ferns. The young ladies who acted as ushers carried American Beauty staffs, tied with Beauty ribbon. The entire arrangement was elegantly carried out. Miss Patten suffered a painful fall in the hotel and sustained an injury about the knee cap. She reports business at Toledo very good, her force being kept very busy with a heavy demand for funeral work.

A handsome decoration for a dinner-bridge party last week was executed by A. J. Lanternier & Son at the Commercial club. The ball room was decorated in southern smilax and many tall palms, while Shawyer roses were used effectively in tall vases and on the elegantly appointed dining tables.

F. J. Knecht & Co. are cutting some fine Russell roses. Their crop of roses and carnations have been shortened considerably by the weather conditions.

Mrs. A. Shive, of the Flick Floral Co. is planning to attend the National Flower Show to be held in Philadelphia, March 25-April 2.

Visitor: M. Moore, representing the Payne-Jennings Co., advertising experts, of Chicago. H. K.

LOGAN, UTAH.—The Cache Valley Floral Co. has moved to 31 Federal avenue.

Rose Pink Carnation Miss Theo

Good stem, enormous bloomer, does not split, even color, good flower, good shipper, good keeper.

Wherever **Miss Theo** is shown it gets a boost.

A. C. S show in Buffalo, N. Y., Certificate of Merit; Worcester, Mass., Certificate of Merit; Boston, Mass., First-Class Certificate of Merit, etc.

Grow **Miss Theo** for profit.

Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Mention the American Florist when writing

COUNCIL BLUFFS, IA.—Roy F. Wilcox, of J. F. Wilcox & Sons, has gone to California for a trip of several months.

KALAMAZOO, MICH.—The Fisher Floral Co.'s establishment on Rose street has been purchased by James Jackson of the Central Nursery Co. John Jackson, his brother, is in charge.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

NEW CARNATION

Cottage Maid

Sport of Mrs. C. W. Ward.



Did You Go to the Carnation Show at St. Louis? If So, Did You See Our Beautiful New "COTTAGE MAID," Queen of the Novelties.

The public here in New York is crazy over the color of this beautiful new carnation. It is a clear shell pink, deep in the center and lighter toward the edge. It is a color your trade demands.

Its plant is identical with its well known and widely grown parent "Mrs. C. W. Ward" and it has the same wonderful keeping and shipping qualities as this variety. In fact at the Cleveland Show this fall "**Cottage Maid**" besides the first prize in its class, won the prize for the vase of carnations in the best condition at the end of the Show. And these flowers were shipped from New York.

We have grown this variety for six years and tried it out thoroughly. It is not our policy to let buyers of our novelties do the experimenting.

We believe in "**Cottage Maid**" and we are going to back up our belief by planting 50,000 of it next year for blooms besides the stock plants. **It will be Sent out next winter. Send in Your Order Early.**

And keep your eye on "**CRYSTAL WHITE**," our sensational pure white, which is larger and more productive than "Matchless." It will probably be disseminated in 1917-18.

COTTAGE GARDENS CO., Inc., Queens, New York.

DREER KENTIAS

GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 10 in. high	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4 1/2 to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5 1/2 to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6 1/2 to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

		Height.	Doz.	100	1000
2 1/4 in. pots,	4 leaves,	8 to 12 in...	\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5	leaves, 12 to 15	in... 2.00	2.00	15.00	140.00
4 in. pots, 5 to 6	leaves, 15 to 18	in... 4.50	4.50	35.00	Each
5 in. pots, 5 to 6	leaves, 22 to 24	in.....			\$0.75
6 in. pots,	6 leaves, 28 to 30	in.....			1.00
6 in. pots,	6 leaves, 34 to 36	in.....			1.50
7 in. pots, 6 to 7	leaves, 38 to 40	in.....			2.00
7 in. tubs, 6 to 7	leaves, 40 to 42	in.....			3.00
8 in. tubs, 6 to 7	leaves, 45 to 48	in.....			4.00
8 in. tubs, 6 to 7	leaves, 4 ft.				5.00
10 in. tubs, 6 to 7	leaves, 4 1/2 to 5	ft.....			6.00
11 in. tubs, 6 to 7	leaves, 5 to 5 1/2	ft.....			8.00
10 in. tubs, 6 to 7	leaves, 5 1/2 to 6	ft.....			10.00
12 in. tubs, 6 to 7	leaves, 6 1/2 to 7	ft.....			15.00
14 in. tubs, 6 to 7	leaves, 7 ft.				20.00

The above prices are intended for the trade only

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.



MADE-UP KENTIA

PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations. We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread			\$1.00
6 in. pots, 1 1/2 ft. high, 2 ft. spread			2.00
7 in. tubs, 1 1/2 to 2 ft. high, 2 ft. spread			2.50
8 in. tubs, 2 ft. high, 2 1/2 ft. spread			3.00
10 in. tubs, 2 to 2 1/2 ft. high, 2 1/2 ft. spread			5.00
10 in. tubs, 2 1/2 ft. high, 3 ft. spread			7.50

Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest
Brightest and Best British Trade
Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual sub-
scription for weekly and quarterly
numbers. One Dollar. (Interna-
tional money order). Subscribe
today and keep in touch with
European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND



Asparagus Plumosus Nanus

(NEW CROP—READY NOW)

Plump and of high germinating
quality, Northern Greenhouse
grown, the same high class strain
as supplied by us for the last 15
years.

Per 100 seeds, 50c; 250 seeds,
\$1.00; 1000 seeds, \$3.50; 5000
to 10,000 seeds at \$3.25 per 1000.

All other seasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

Mention the American Florist when writing

CARNATIONS

Clean, Crisp, Quality Cuttings.

Carefully Packed. High Grade From Start to Finish.

Roper's ALICE COOMBS, color exactly what you like best in pink—a beautiful giantess. \$12.00 per 100; \$100.00 per 1000.

Dorner's PINK SENSATION—Another big pink beauty. \$6.00 per 100; \$50.00 per 1000.

Fisher's ALICE—the blush commercial. \$6 per 100; \$50 per 1000.

And the Standard Varieties.

	Per 100	Per 1000
Enchantress Supreme.....	\$3.00	\$30.00
Mrs. Ward.....	3.00	25.00
Enchantress	3.00	25.00
Rose-pink	3.00	25.00
Rosette	3.00	25.00
Mrs. Akehurst.....	6.00	50.00
Matchless.....	4.00	35.00

	Per 100	Per 1000
White Wonder.....	\$3.00	\$25.00
White Enchantress.....	3.00	25.00
White Perfection.....	3.00	25.00
Champion.....	3.00	25.00
Beacon	3.00	25.00
Pocahontas	3.00	25.00

ROSES! ROSES!

In both Grafted and Own Root

We claim that our **quality** is **unsurpassed**, and we guarantee our packing; our plants do not shift in the box.

If our catalog is not at hand, send for it, and read up on the new varieties:

Tip-Top ("Baby Doll") and **Tipperary**

and note price on standard sorts.

Our own-root stock is summer propagated and once repotted.

THE E. G. HILL CO.
RICHMOND - - - INDIANA

POEHLMAN

72-74 E. Randolph St.,

FINE LARGE SUPPLY OF CATTLEYSAS GARDENIAS-JONQUILS-TULIPS-FREESIA-VALLEY-LILIES

CURRENT PRICE LIST—Prices Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$6.00
36 in.....	5.00
30 in.....	4.00
24 in.....	3.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	\$ 5.00
26 to 28-in.....	4.00
22 to 24-in.....	3.00
18 to 20-in.....	2.50
16-in.....	2.00
Short, per 100.....	\$8.00 to 12.00

	Per 100
Hoosler Beauty.....	Special, Charged accordingly.
Richmond.....	Long...\$12.00 to \$18.00
Hadley.....	Med... 8.00 to 10.00
Opbelia.....	Short.. 5.00 to 6.00
Sunburst.....	
Milady.....	
Kill. Brilliant.....	

	Per 100
Bulgaria.....	Special...Charged accordingly
Aaron Ward.....	Long.....\$12.00 to \$15.00
Killarney.....	Medium..... 8.00 to 12.00
White Killarney.....	Short..... 5.00 to 6.00

MINIATURE ROSES

Cecile Brunner, also called Sweetheart	
Roses.....	per 100, \$3.00 to \$ 4.00
George Elgar, yellow.....	per 100, 3.00 to 4.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$2.00 to \$2.50
Violets, double or single.....	1.00
Mignonette.....	\$6.00 to 8.00
Freesia.....	3.00 to 4.00
Jonquils.....	3.00 to 4.00
Paper Whites, Romans.....	4.00
Smilax.....	doz. \$2.00
Plumosus.....	per 100, \$2.00 to \$3.00
Sprenger.....	per 100, 2.00 to 3.00
Adiantum.....	per 100, 1.00
Galax, green and brown.....	1000, \$1.50
Leucothoe.....	100, .20
Mexican Ivy.....	1000, \$6.00; 100, .75
Ferns.....	1000, \$2.50; 100, .30
Boxwood.....	bunch, 25c; box, 7.50

ORCHIDS

Market Price.

	Per Doz.
Cattleyas.....	\$5.00 to \$6.00
Gardenias.....	3.00
Cypripediums.....	2.00 to 3.00

EASTER LILIES

Per 100.....	\$12.00 to \$15.00
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LILY OF THE VALLEY

Per 100.....	\$3.00, \$4.00, \$5.00
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CARNATIONS

	Per 100
Best Fancy, all colors.....	\$4.00 to \$5.00
Medium, per 100.....	3.00
Splits.....	2.00

TULIPS

Fancy.....	Per 100, \$4.00
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WILD SMILAX

Per case.....	\$5.00
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Accessories for

St. Valentine Day

CORSAGE SHIELDS.

Chiffon, \$2.00 doz.

Transparent, 50c doz.

4-INCH PINS, PEARL-HEADED.

All colors, \$1.00 per gross.

HUGHES' VALENTINE BOX.

24 x 5 x 3½ inches, \$2.00 for ten.

SPECIAL

WAX PAPER

The dry Wax will not stick.

24-inch rolls, White and Green, per lb., 12½c.

HEART SHAPE BOXES

Nest of two, 25c.

IMPORTED FLOWER HOLDER

TO BE USED IN ROSE BOWL

3½-inch, each.....	\$0.25	Doz.....	\$2.50
4 -inch, each.....	.30	Doz.....	3.00
5 -inch, each.....	.50	Doz.....	5.00
6 -inch, each.....	.75	Doz.....	8.00



GLASS FLOWER BLOCK

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.

STRONG, CLEAN AND HEALTHY STOCK.

Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants		
7-in. pots	3 plants in a pot	32-34 in. high 3.00
8-in. tubs	4 plants in a tub	38-40 in. high 4.00
Specimens, heavy, \$12.00, \$15.00, \$20 (C).		

Kentia Belmoreana

Single Plants		
4 inch pots,	5 to 6 leaves,	16 to 18 in. high \$0.40
\$4.50 per dozen.		
6-inch pots,	6 to 7 leaves,	24 in. high 1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high 1.50
8-inch tubs,	6 to 7 leaves,	36 to 38 in. high 3.50
8-inch tubs,	6 to 7 leaves,	56 to 58 in. high 6.00
8-inch tubs,	6 to 7 leaves,	62 to 64 in. high 7.00

Kentia Forsteriana

Made-up Plants		
7-inch pots,	3 plants in a pot,	36 in. high \$2.50
7-inch tubs,	4 plants in a tub,	38 in. high 3.00
8-inch tubs,	4 plants in a tub,	38 to 42 in. high 3.50
8-inch tubs,	4 plants in a tub,	48 to 50 in. high 5.00
8-inch tubs,	4 plants in a tub,	52 to 54 in. high 6.00
10-inch tubs,	4 plants in a tub,	5 ft. high 8.00
12-inch tubs,	4 plants in a tub,	60 to 64 in. high 10.00
12-inch tubs,	4 plants in a tub,	5 1/2 ft. high 12.00
12-inch tubs,	4 plants in a tub,	5 1/2 to 6 ft. high 15.00
15-inch tubs,	4 plants in a tub,	6 to 6 1/2 ft. high \$18.00 to 20.00
Specimens, heavy, \$35.00, \$40.00.		

Kentia Forsteriana

Single Plants		
4-inch pots,	5 to 6 leaves,	18 to 20 in. high \$ 0.40
\$4.50 per doz.		
6-inch pots,	6 leaves,	28 to 30 in. high 1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high 1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high 2.00
8-inch tubs,	6 to 7 leaves,	5 ft. high 6.00
10-inch tubs,	6 to 7 leaves,	5 to 5 1/2 ft. high 8.00
10-inch tubs,	6 to 7 leaves,	5 1/2 to 6 ft. high 10.00

Phoenix Roebelenii

Single Plants		
3-inch pots,	nicely characterized,	\$3.50 per doz.
5-inch pots,	15-in. high, 20-in. spread,	\$1.00
6-inch pots,	18 in. high, 24-in. spread,	1.75
7-inch pots,	28 in. high, 34-in. spread,	2.50
8-inch tubs,	30 in. high, 36-in. spread,	3.50
10 inch tubs,	35-in. high, 42-in. spread,	\$5.00 to 7.50

Dieffenbachia Magnifica

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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Areca Lutescens

8-inch tubs,	5 plants,	44-46-in. high, each,	\$4.00 to \$4.50
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Dracaena

6-inch pots,	Dracaena Amabilis.....	Each, \$1.25
6-inch pots,	Dracaena Baptistii.....	" 1.25
5 1/2-inch pots,	Dracaena Massangeana.....	" .75
5-inch pots,	Dracaena Massangeana.....	" 1.25

Aspidistra Lurida,	5-inch pots.....	Each, \$1.00
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Livistona Rotundifolia,	4-inch pots.....	Each, .50
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ROSE STOCK

Choice 2 1/2-inch Grafted and 2 1/2-inch Own Root Plants for March Delivery.

	2 1/2-in. Grafted. Per 1000	2 1/2-in. Own Root. Per 1000		2 1/2-in. Grafted. Per 1000	2 1/2-in. Own Root. Per 1000		2 1/2-in. Grafted. Per 1000	2 1/2-in. Own Root. Per 1000
Russell.....	\$120.00	None	Millady.....	\$100.00	\$56.70	Cecile Brunner.....	\$100.00	\$56.70
Killarney.....	100.00	\$56.70	Ophelia.....	100.00	56.70	Elgar (Special Only)...	100.00	56.70
White Killarney.....	100.00	56.70	Richmond.....	100.00	56.70	Francis Scott Key.....	110.00	63.00
Killarney Brilliant.....	100.00	56.70	Hoosier Beauty.....	105.00	.....	Fire Flame.....	100.00	56.70
Ward.....	100.00	56.70	Hadley.....	105.00	.....	Lady Alice Stanley.....	120.00	73.50

Miscellaneous Plants

ARAUCARIA ROBUSTA COMPACTA

3 to 4 tiers.....	Each \$1.50, \$2.00, and \$2.50
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ARAUCARIA EXCELSA

4 to 5 tiers.....	Each 1.50
5 tiers.....	2.00

FERNS

Boston, Roosevelt and Whitmanl	Each
5-inch pot, Boston and Roosevelt only.....	\$0.25
5-inch pot.....	0.50
10-inch pot.....	\$2.00 to 2.50
12-inch pot.....	3.00 to 3.50

PANDANUS VEITCHII

4-inch pot.....	Each \$0.35
5-inch pot.....	.50
6-inch pot.....	.75

CROTONS.

In finest varieties, beautifully colored and wellfurnished with leaves to the pot.	Each
6-inch pot.....	\$.75 to \$1.00

ASPARAGUS PLUMOSUS

2 1/2-inch pot.....	\$3.00 per 100
3-inch pot.....	6.00 per 100
Made-up in pans and 7-in. pots.....	\$4.00 per doz.

ASPARAGUS SPRENGERII

2 1/2-inch pots, per 100.....	\$2.50
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CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AGLAONEMA PICTUM

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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SHAMROCK PLANTS

For St. Patrick's Day

1-in. and 2-in. plants,	\$3.00 per 100; \$25.00 per 1000.
March Delivery.	

ACHYRANTHES

Brilliantissima, 2 1/2 inch pots, per 100.....	\$2.50
Lindenli, 2 1/2 inch pots, per 100.....	2.50

SKIMMIA JAPONICA

Well berried.....	Each, \$1.00, \$1.25, \$1.50
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DISH FERNS

In 2 1/4-inch pots, \$3.50 per 100; \$30.00 per 1000.	
Pteris Albo-lineata, Pteris Serrulata, Christata, Pteris Cretica Ouwardii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wim multi-ceps, Pteris Cretica Cristata, Adiantum Cuneatum,	

BEGONIA CHATELAINE

2 1/4-inch pots, per 100.....	\$ 3.50
3 inch pots, per 100.....	8.00
4-inch pots, per 100.....	15.00

COLEUS

In the following varieties: 2 1/4-inch pots, \$2.50 per 100:	
Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria,	

SWEET PEAS

Now Coming in Crop—Very fine long stemmed stock—Best in the Market

American Beauties	Per doz.
Extra long stem Specials.....	\$6.00
Stems 36 inch.....	5.00
Stems 24 to 30 inch.....	\$2.00 to 4.00
Shorter lengths.....	.50 to 1.50

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer	Per 100
Extra long stems.....	\$12.00
Good length stems.....	10.00
Medium stems.....	8.00
Short stems.....	\$5.00 to 6.00

Cecile Brunner or Sweetheart Roses	
Per bunch of 25 buds.....	75c

Sunburst, White and Pink Killarney and Hillingdon	Per 100
Extra long.....	\$12.00
Good length.....	10.00
Medium.....	8.00
Good short.....	\$5.00 to 6.00

Carnations	Per 100
All colors.....	\$4.00 to \$5.00
Sweet Peas, very choice.....	1.50 to 2.50
Valley, per 100.....	4.00 to 5.00
Paper Whites, per 100.....	3.00 to 4.00
Choice Common Ferns, per 1000.....	2.50
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, per 1000.....	1.00

Sweet Peas—Zvolanek's orchid flowering—extra long stemmed stock, \$1.50-\$2.50 per 100

Jonquils and Tulips, \$3.00 to \$4.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1467.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

STOCK IS A TRIFLE MORE PLENTIFUL.

Stock is more plentiful this week than it has been for some time, which is due principally to the warmer weather that set in Friday, January 21. The annual midwinter mild weather is continuing at this writing, bringing an unseasonable temperature of 41 degrees above zero around 9 o'clock in the mornings. The lowest point reached during the night so far this week was 37 degrees above zero, five degrees above the freezing point. The warm spell, though unseasonable, is not unusual in this city at this time of the year, for we have had similar warm spells almost every year in January. High marks of 65 degrees above zero were recorded January 1, 1876, and January 23, 1909. Southeasterly winds were the cause of the warm weather. Extreme cold weather prevails throughout the far northwest and is spreading over the northwestern and north-central states, and is expected to reach this vicinity about the middle of this week. Should the weather man's predictions come true, this vicinity will experience another cold spell and a sudden shortening up of stock. Carnations especially are more plentiful and have dropped considerably in prices since last week, but are cleaning up nicely each day. Roses are none too plentiful and prices are holding quite firm. American Beauty roses are in short supply and command good prices. Mrs. Chas. Russell roses in the longer stemmed grades are more plentiful, but clean up well owing to the shortage of American Beauties. Gardenias and orchids are seen in large numbers at a few of the stores and are in fair demand. Violets are in good supply and the receipts of sweet peas are larger, but there is no surplus when the stores close at night. Lily of the valley cleans

up quickly each day at the advertised quotations. Lilies are more plentiful and the same holds good for tulips, jonquils, Romans, Paper White narcissus and freesias. Some fine colored freesias are now being offered, but the receipts are limited and disposed of early at \$5.00 and \$6.00 per 100. Green goods are plentiful, especially smilax, which is not moving as briskly as it might. White stock in general is a

trifle more plentiful and prices are a little lower, there is no great surplus and a few real brisk days would find the market pretty well cleaned up each day at an early hour. Wedding work is plentiful and the demand for funeral flowers keeps up surprisingly good. Property loss estimated at millions, thousands of men, women and children driven from their homes, pollution of water of this city, and appeals for aid

Moss Green Waterproof
Crepe Paper
\$12.50 per 100

PERCY JONES
56 East Randolph Street, Chicago

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

GOOD CUTS

White Killarney=Russell

Killarney, Killarney Brilliant, Ophelia,
Sunburst, Milady, Etc. ORDER HERE.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.00
Short stems .....	.75

Killarney		
White Killarney ..		
Killarney Brilliant	Specials	Per 100
Sunburst	Select	\$12.00
My Maryland	Medium	10.00
Ophelia	Short	8.00
Richmond		6.00
Milady		
ROSES, our selection.....		\$5.00

MRS. CHAS. RUSSELL

	Per 100
Specials	\$20.00
Select	15.00
Medium	12.00
Short	\$8.00 to 10.00
Carnations, fancy	5.00
good	4.00
Harrisli	per doz., \$1.50 to \$2.00
Valley	\$4.00 to \$5.00
Violets .....	.75 to 1.00
Smilax	per doz. strings, \$2.00
Adiantum	1.00 to 1.50
Asparagus, per bunch.....	.50c to .75c
Ferns, per 1000.....	\$2.50
Boxwood	per bunch, 25c
Galax, bronze and green...per 1000, \$1.00	
Sweet Peas	1.50 to 2.00
Leucothoe Sprays .....	.75 to 1.00

2,000,000 Feet of Modern Glass

VALENTINE SPECIALS

25 Kewpie Baskets, \$15.00

in the two-tone and bronze
finishes, and finely hand painted.

12 KEWPIE BASKETS . . . \$8.00

(Same as above)

25 Two-tone and bronze Baskets,
water glass size . . . \$7.50

Medium and Tall Cut Flower Baskets With Liners,
40 cents, 50 cents, \$1.00, \$1.50, \$2.00 and \$2.50 each.

Assortment 25 Baskets to be used with moss, glass or
other small receptacles, \$3.00. Stained violet, green
and bronze, with a variety of attractive designs.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue
car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET COMPANY

713 Milwaukee Avenue,

Phone, Monroe 4977.

CHICAGO, ILL.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$8.00
Pink Killarney.....	Select.....7.00
Killarney Brilliant.....	Fancy.....6.00
Richmond.....	Medium.....5.00
	Good.....4.00

CARNATIONS.

Fancy..... per 100, \$5.00	Good.....per 100, \$4.00
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SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprenger.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

from territory within a radius of 50 miles, is a brief summary of the flood that swept the northern part of the state early January 20 without warning. A steady rain of 16 hours' duration falling on the ice-glazed surface of the earth and snow-choked sewers and ice-blocked streams was the immediate cause of the record-breaking torrent. Trains were marooned and some of the boiler pits at many of the greenhouse establishments were flooded, and while for a time things looked serious to the growers no damage was done to the crops, although fire engines were hired to empty the pits at several of the places.

NOTES.

Percy Jones is handling an unusually large quantity of bulbous stock particularly tulips, jonquils and Paper White narcissus. The firm has installed a new system of checking up the sales and stock and can tell in a minute what stock of each kind from each grower is left, who the stock was sold to, when and how much it brought and what salesman sold it. Mrs. L. M. Jones, secretary of the firm, devised the new system which Manager Van Gelder believes is the only one in use in this city if not the entire country in the wholesale commission business today.

Peter Reinberg is cutting from a good crop of American Beauty and White Killarney roses, which are in good demand and clean up early each day. Felix Reichling says that the shipping trade is keeping up remarkably well and is considerably ahead so far of January of last year. The demand for rooted carnation cuttings and young rose stock is also brisk and new orders are being booked every day.

O. B. Miller, with W. J. Miller & Sons, Pontiac, attended the automobile show, now being held in the Coliseum, and pronounces it one of the finest exhibitions of its kind that he ever had the pleasure to attend. He placed an order with Bassett & Washburn while he was here for rooted cuttings of their new red carnation, Belle Washburn, which was his best seller last Christmas.

The John C. Moninger Co. received an order this week from Ludwig Stapp, of Rock Island, for three new houses, 34x300 feet. Several other nice orders have been taken since January 1 and everything points to a banner season for inquiries never were more numer-

BULB STOCK WANTED

I can handle more bulb stock to good advantage and would be pleased to hear from growers who have a surplus of any kind to dispose of. My wholesale store is located on the main floor and is the best location in the Great Chicago Market. Tulips, Freesias, Narcissi, Jonquils, etc., are particularly desired but would gladly receive any other seasonable stock. Do not take the time to write but start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO

ous so soon after the holidays as they are right now.

M. N. Angelsberg, head gardener at the Calvary cemetery in Evanston was a visitor in the market this week. He is one of the oldest florists in the city and is well and favorably known in these parts, where he has been employed for the past 24 years.

R. C. Kerr, of Houston, Tex., attended the automobile show at the Coliseum, January 25, and left the same evening for St. Louis with the local delegation to attend the annual meeting and exhibition of the American Carnation Society.

A. E. Hunt & Co. are busy filling orders for daisy plants and nearly every mail brings in new ones. The varieties offered are Etoile d'Or, Chicago White and Boston Yellow, which they grow on a large scale for the local market.

At J. A. Budlong's store stock in general is in large supply and no trouble is being experienced in filling all orders, according to Manager Schupp, who predicted the present market conditions several weeks ago.

Wietor Bros. are cutting a large supply of carnations, but the demand is so good that they clean up splendidly each day. The outlook for a large supply of stock for St. Valentine's day at their greenhouses is very bright.

The Raedlein Basket Co. is having a heavy call for Kewpie baskets for St. Valentine's day, which are most appropriate for the occasion and a style that everyone has bought who had occasion to inspect same.

The building at 37 West Jackson boulevard in which George Perdikas had a branch store was torn down this week to make room for a new skyscraper. His main store is at 407 South Wabash avenue.

The E. C. Amling Co.'s daily shipments include some very fancy colored freesias grown by Alois Frey, of Crown Point, Ind. A bunch of Yellow Garza was also on exhibition here this week.

U S Budlong's
E Blue Ribbon Valley.

ROSES

Sunburst, Killarney, White Killarney and Richmond. Carnations, Violets, White and Yellow Narcissus, Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Mention the American Florist when writing

L. Hoeckner, of the Peter Reinberg store force, will have a flower booth at the Merchants' carnival to be held in the Coliseum at St. Louis, Mo., starting February 5.

Chas. Erne, of Erne & Klingel, expects that stock will be more plentiful from now on, especially carnations which are already arriving in larger quantities.

Frank Oechslin's handsome new home on West Jackson boulevard is rapidly nearing completion and will be ready for occupancy soon.

The John Kruchten Co. is featuring a good supply of choice gardenias and fancy long-stemmed Mrs. Chas. Russell roses.

Bassett & Washburn were awarded two silver medals for Belle Washburn at the St. Louis carnation show this week.

Mrs. T. A. Moseley, of Kansas City, Mo., is the guest of Mr. and Mrs. Chas. H. Zapfe, 424 East Sixty-first street.

It is rumored that a new retail store will open on Madison street near Dearborn in the near future.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Bigger Supply of Carnations and Roses

Order Here

Current Price List:

Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$6.00
36-inch stems	\$4.00 to 5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50

MRS. CHAS. RUSSELL.

	Per 100
Specials	\$25.00
Select	20.00
Medium	10.00 to 15.00
Short	8.00 to 10.00

ROSES.

	Per 100
Richmond—Milady—Extra long	\$12.00
" Fancy	10.00
" Medium	8.00
" Short	6.00
White Killarney	
Killarney	Special
Killarney Brilliant	Fancy
Ward	Medium
Sunburst	Short
Ophelia	
Maryland	
Roses, our selection	5.00

	Per 100
CARNATIONS, common	\$4.00
" fancy	5.00

MISCELLANEOUS.

Cattleyas	per doz., \$7.50
Valley	\$ 4.00 to \$ 5.00
Violets .....	.75 to 1.00
Freesias	4.00 to 5.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	2.00
Tulips	3.00 to 4.00
Lilies	per doz., \$1.50 to \$2.00
Mignonette	6.00 to 8.00
Callas	per doz., 2.00
Sweet Peas	1.50 to 2.50
Smilax	per doz., \$1.50 to \$2.00
Adiantum	1.00
Asparagus Strings	each, 75c
Asparagus Plumosus, per bunch .....	.35c to 50c
Fancy Ferns	per 1,000, \$2.50
Wild Smilax	per case, 5.00
Boxwood	per lb., 25c; 50 lbs., 7.50
Leucothoe Sprays .....	.75
Mexican Ivy .....	.75

Z E C H M A N & N N

Your Cut Flowers Will Be
Supplied By Us==Now Or
At Some Future Time

Why Not Now?

Our Line is so complete that it includes every
item offered in the Great Chicago Market.

30 E. Randolph St., L. D. Phones
Central } 3283
Automatic, 42-965 } Chicago

A. L. Vaughan & Co.'s wholesale store had a narrow escape from being destroyed by fire, Wednesday evening, January 19, when the Bentley, Murray & Co.'s printing establishment located on the third floor of the same building was badly damaged. Mr. Vaughan had just reached his home in Oak Park when he received word of the fire and hurried right back to find that the firemen had it under control and had stopped it from spreading to any other part of the building, although for a time it appeared as if the whole structure was doomed.

P. Clausen & Son, of Albert Lea, Minn., has placed an order with the A. Dietsch Co. for two new houses, each 28x130 feet. The Dietsch Co. also received an order from H. E. Philpott, of Winnipeg, Can., for two new houses, each 25x125 feet, to be erected for a party at St. Paul, Minn.

John Poehlmann was able to walk around in his room in the hospital this week and is getting along as well as can be expected. He is now allowed to receive visitors and everyone sincerely hopes that he will be able to return to the store soon.

U S E Budlong's Blue Ribbon Valley.

The L. A. Budlong Co. awarded the contract for the four new rose houses that they will erect in the near future to the A. Dietsch Co.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

The local party for the St. Louis convention included E. F. Kurowski, Paul Berkowitz, Philadelphia, Pa.; Arthur Dietsch, J. E. Pollworth, Matt Mann, P. W. Peterson, Joliet, C. L. Washburn, Mrs. C. L. Washburn, Alie Zech, Alois Frey, Crown Point, Ind., Geo. W. Jacobs, Canton, R. C. Kerr, Houston, Tex., Carl Vaughan, Fred Lautenschlager, Philip J. Foley, A. T. Pyfer, Paul Klingsporn, J. A. Karins, Philadelphia, Pa., John Then, C. W. Johnson, Robert Windler, Geo. Asmus, Anton Then, W. E. Tricker, Western Springs, Samuel Seligman, New York, John Michelsen, E. A. Olinger, H. L. Purdy.

The George Wittbold Co. will tear down its greenhouses on Buckingham place and build a 30-flat building, according to Louis Wittbold, work on which will be started this week. One-half of the structure will be built at a time and the greenhouses moved to the Edgebrook establishment. When the new building is completed the Wittbold Co. will have one of the finest retail stores in the northwest.

The Ernst Wienhoeber Floral Co. had the decorations for the Patten wedding January 22. The bridal bouquet consisted of lily of the valley and white orchids; maid of honor bouquet, purple iris and Hillingdon roses; the bridesmaids' bouquets yellow daisies and for-get-me-nots.

The Bohannon Floral Co. decorated the Holy Name Cathedral for the Cudahy wedding, January 22, and furnished all the bouquets which were made up chiefly of orchids, lily of the valley and white lilacs. The home was decorated with spring flowers and palms.

Benjamin S. Gage, of the Peterson Nursery, was elected second vice-president of the ways and means committee of the Association of Commerce at the weekly luncheon of the association held at the Hotel La Salle, Wednesday, January 19.

Zech & Mann received an order from Adam I. Beehler, of South Bend, Ind., one day last week on the bottom of which the proud gentleman writes: "A nine-and-one-half pound baby arrived at my home, January 19."

Michael Fink is in charge at the Chicago Flower Growers' Association store while Manager Klingsporn is attending the annual exhibition and convention of the American Carnation Society at St. Louis, Mo., this week.

Miss Nettie Parker, secretary of A. T. Pyfer & Co., was unable to attend

to her duties at an early hour as usual, January 20, owing to the heavy flood at Joliet, which was the most disastrous in many years.

The Briggs Floral Co. is pleased with its new location at 801 Sheridan road and reports business as good under the able management of D. Papatony and his right hand assistant, Steve Notes.

John Sinner says that business is very good at Sinner Bros.' store and that stock continues to clean up nicely each day, notwithstanding the fact that carnations are becoming more plentiful.

A. Herrington, New York, stopped off a few hours here January 22, returning from Iowa City, where he found his mother's health improved on arrival, the week previous.

M. C. Gunterberg reports a good demand for violets, which she is handling in quantity and expects to have her usual large supply to offer for St. Valentine's day.

Bassett & Washburn are cutting quite heavily in roses and carnations and some specially fancy sweet peas are attracting the attention of the city buyers.

At Weiland & Risch's store long stemmed freesias are in good demand and command high prices owing to the splendid quality of the stock offered.

Anton Then has gone to Magnolia Springs, Ala., leaving with the local party for St. Louis, where he will take in the carnation convention.

Fritz Bahr left for his fruit ranch at Red Bluff, Calif., January 18 and expects to return about February 10.

Hoerber Bros. are cutting a fine supply of roses with their Killarney showing exceptionally fine color.

Visitors: Paul Berkowitz, with H. Bayersdorfer & Co., and James Karins, representing Henry A. Dreer, Inc., Philadelphia, Pa.; A. Verwey, representing F. Rynveld & Sons, Hillegom, Holland; Vincent Gorly, St. Louis, Mo.; Milton Alexander, representing Lion & Co., New York.

Chicago Bowling.

Scores of the team representing the trade in the North Chicago League, January 20, were as follows:

Players	1st Game	2d Game	3d Game
J. Huebner	223	118	155
W. Lorman	224	191	152
A. Zech	158	170	125
A. Huebner	200	160	171
Olsem	233	236	215
Totals	1038	875	818

Current Price List

ROSES Per 100

Mrs. Chas. Russell	\$10.00 to \$15.00
Ophelia	.....
Sunburst	.....
Killarney	.....
W. Killarney	.....
Kill. Brilliant	.....
CARNATIONS, De Luxe	\$5.00
Good	4.00

Miscellaneous

Lilies	\$10.00 to \$12.50 per 100
Lily of the Valley	\$4.00- 5.00 per 100
Violets, double	\$0.75 to 1.00 per 100
Sweet Peas	1.50 to 2.00 per 100
Paper Whites	3.00 to 4.00 per 100
Ferns	2.50 per 1000
Asparagus	bunch, 35c to 50c each
Sprengeri	bunch, 25c to 35c each
Galax	\$1.00 1000
Mexican Ivy	75c per 100
Boxwood	large bunch, 25c each

Subject to Market Changes.

Pittsburgh.

GOOD WEATHER BRINGS IMPROVEMENT.

With the return of a fair amount of sunshine, and the temperature reaching as high as 43 degrees, the local market can be termed as being in a reasonably fair shape, which has effected a decided relief from the greatest flower shortage Pittsburgh dealers have ever experienced. Roses remain quite scarce, but other varieties of stock are doing much better. Carnations, lilies and bulbous stock, such as narcissi, tulips and daffodils are in good supply. Some may think that the wholesaler chuckles with glee because of the higher prices he is forced to ask in times of extreme scarcity, but the wholesale man would much rather have a little more stock to sell at lower prices to satisfy his trade and avoid being "censured" by many of his customers who may think they are not getting a fair allotment in their daily supply. We may now look forward to a great decline in prices, if the present brand of weather stays with us a few more days.

NOTES.

The Pittsburgh Florists' and Gardeners' Club announces as a feature of the next meeting, February 1, at Fort Pitt hotel, an illustrated lecture, entitled "The City Beautiful" with lantern slides, by Fred F. Bigger, to be followed by a discussion on "Civic Pride." President McCallum is very enthusiastic over the excellent programme arranged, and urges all, whether members or non-members, to attend and bring their friends.

The Western Pennsylvania Horticultural Society announces a meeting for January 25 in their quarters, the Chamber of Commerce, Keenan building. John K. M. L. Farquhar will give an illustrated lecture on travels through Japan and China.

George Marshall and wife have returned from their honeymoon in the southlands, after an exceptionally fine trip, having visited numbers of the old historical towns and cities of Florida.

T. P. Langhans spent the past week in New York and vicinity on business.

Michael Kronis is visiting friends and relatives in Chicago.


George Crosby, of Kauffman's decorating corps, is confined to his bed with pneumonia.

Nick Harris, of Harris Bros., is taking a week's rest visiting friends in Youngstown.

G. M.

WHY

send several wires to receive back a reply "impossible to fill," when a wire sent to us will bring you the goods? We have a large supply in spite of the fact that many wholesalers have but little with which to fill their orders.

 We made good last week—Can do so again this week.

HEAVY SUPPLY

Beauties, Orchids, Roses, Carnations, Lilies, Valley,
Violets, Sweet Peas, Stevia, Tulips, Mignonette,
Narcissus and all other Cut Flowers and Greens.

You can increase your profits and business
by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City.

STOCK SCARCE AND PRICES HIGH.

The shortage of stock continues and the rose problem is getting worse instead of better, offerings being made in dozen lots instead of by the hundred. Fancy prices are the rule. Carnations are increasing in numbers, but not enough are arriving to supply the call. There was quite a lot of decorating for social events and the orders for funeral work have been heavy; in consequence the trade has been kept busy. Great preparations are being made for Valentine day business.

NOTES.

H. Kusik & Co. report that orders for wire work at their establishment last week, were the heaviest in the history of the concern. They are handling some fine rose stock. Carnations and sweet peas are more plentiful.

W. J. Barnes is getting ready for Valentine day trade and will have a good supply of pot plants on hand for the occasion. His bulb stock is making good headway.

The Wm. L. Rock Flower Co. is cutting between 3,000 and 4,000 carnations daily. Funeral work has been heavy, as have been orders for decorations.

Patrick Larkin has been busy with funeral work and corsages, but the limited supply of stock has been hard to contend with.

Samuel Murray reports A1 business. His window display of orchids last week was very artistic and attracted much attention.

The Geo. M. Kellogg Flower & Plant Co. are cutting heavily on carnations, but the rose supply has shortened considerably.

The Sunny Slope Seed Farm of Independence, Mo., is sending in some very fine Butterfly sweet peas.

Stevens, the Florist, will have about 9,000 lily plants in shape for Easter in addition to his other stock.

The Costello-Moore Floral Co. reports a good demand for pot plants. Business in general is good.

The stork made a call at the home of Richard Jarrett, January 22—girl, seven and one-half pounds.

Gilday & Skidmore will open their new flower shop on East Eleventh street about February 1.

T. J. Noll & Co. report good shipping business. Mr. Noll was on jury service the past week.

A. F. Barbe is cutting carnations in good quantities. His spring stock looks well.

M. Elberfeld of the Alpha Floral Co. is spending a few weeks in New Orleans.

Arthur Newell had a heavy call for funeral work and stock exceptionally scarce.

Charles Beiderman & Son report good business with pot plants moving well.

The Peterson Floral Co. reports very good business.

Mrs. T. A. Mosely is visiting in Chicago. C. J. B.

ROCHESTER, MINN.—Fire damaged the flower shop of the Ross Bragg Co., January 17.

MEDIA, PA.—Fire caused a loss of \$2,000 at the greenhouses of G. W. H. Bosler, January 16; no insurance.

STOUGHTON, WIS.—The agricultural class of the high school has built a greenhouse 15x20 feet. P. F. Graf is head of the department.

JEFFERSONVILLE, IND.—Fire, resulting from a defective flue, damaged the greenhouse and garage of Otto H. Wathen on Utica pike, to the extent of \$5,000, January 16.

Milwaukee, Wis.

BUSINESS BECOMING NORMAL.

Now that the days are growing noticeably longer and with prospects of sunny weather, the strained market conditions no doubt will again get back to a normal state. The end of last week already witnessed an increased supply of carnations, and with this line nearly normal, one has occasion to hope for the best. The sun, which has been retired since December 1 must, according to rules of nature soon make up for lost time. According to observations made by the writer, many crops are waiting for this bright weather, and when it does come, it will mean a big cut from all sources. It is quite noticeable that the funeral work is not quite so plentiful, although there is enough.

NOTES.

Early January 17, one of the coldest mornings of this winter, all the stock and about half of the greenhouses of the Chas. Zepnick range on the Chicago road was destroyed by fire of unknown origin; while the blaze started in the boiler room the boilers were found in good condition after the fire was extinguished; it's a case of complete loss as there was no insurance. Chas. Zepnick is the father of Robert, who conducts a retail store at 147 Lincoln avenue.

A visit to the bedside of Alfred Schiller at the St. Joseph hospital found him in good spirits; three days after the operation he was seized with a hiccup, which lasted four days and four nights, taxing his strength to the utmost, since then he is reported as getting along favorably.

Reports from the Radium hospital, where Walter Holton, of the Holton & Hunkel Co. underwent an operation for tumor of the stomach January 18, were very favorable, when inquiry was made January 23.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

The greenhouse, 20x190 feet, also office and service building erected by the Foley Greenhouse Manufacturing Co., Chicago, for President Underwood, of the Erie Railroad, adjoining the southern line of the Wauwatosa cemetery, which was completed a short time ago, is nearly all filled with plants at this time; in way of construction everything is up-to-date, concrete being used wherever possible. Jno. Dunlap has charge of this place, plus the conservatories adjoining Mr. Underwood's summer home.

The Cudahy Floral Co. has let the contract for three houses, each 30x165 feet, which will be devoted to carnations. The large house in which they now grow their carnations will be devoted to roses. Gust Rusch & Co. report a steady cut of blooms from this plant.

The A. F. Kellner Co. had several hundred dollars worth of decorative plants frozen on January 16. Same were used for a church decoration on the upper east side on that day, and it being Sunday were to be called for the following day.

Gust Pohl, who grows a large quantity of stevia every year, has good reasons to smile these days, for with the pronounced shortage in other lines the returns have been very satisfactory since the holidays.

The growers near Watertown, Wis., who consign those fine sweet peas to the local market, complain of the dropping of the buds of late.

The C. C. Pollworth Co. claims pot plants to be a good proposition these days, owing to the high prices of cut flowers.

Thursday, February 3, is regular meeting night of the Milwaukee Florists' Club; every one ought to be there.

The Mueller Greenhouse Co. is consigning a heavy crop of Beacon carnations to the Holton & Hunkel Co.

The Russell roses cut at the Brown Deer plant of the Holton & Hunkel Co. are something to be proud of.

Frank Sylvester, with J. M. Fox & Son, spent last Sunday with his folks at Oconomowoc, Wis.

E. O.

Nebraska State Florists' Society.

The Nebraska State Florists' Society held its annual meeting at Lincoln, January 18-20, in conjunction with the Nebraska State Horticultural Society. The horticultural display was a pleasing feature of the convention. Owing to a heavy snow storm the attendance of the florists was not as large as usual and the banquet was omitted. The present officers were retained for the ensuing year. Those present at the meeting called at the ranges of C. H. Frey and Frey & Frey and were well received. C. H. Frey's new red carnation Nebraska was much admired.

GRIPPE.

Minneapolis.

There has been little improvement during the past week as far as the supply of stock coming in is concerned, nearly everything for which there was a call arriving in limited quantities, but as the local florists are very accommodating, all orders were filled and no sales had to be turned down. Roses are holding stiff at prices ranging from five cents to twenty cents, carnations are quoted at from four cents to six cents and jonquils and Paper Whites at four cents. Orchids vary from \$6.00 to \$9.00 per dozen; lilies, 12 cents; tulips, four cents; violets, \$1.00 per 100, and sweet peas sell at from 75 cents to \$2.00. Smilax and asparagus ferns are in good supply.

NOTES.

Rice Bros. bowling team defeated the L. S. Donaldson floral department team two games out of three at the Elks' club alleys, January 20, after which the ladies present rolled some scores that shaded some of the men's scores by quite a margin—especially that one score of 92 pins. On Thursday, January 27, the St. Paul florists and the Minneapolis team will roll three games on the Elks' alleys.

O. H. Carlson is planning to build several new houses this spring. Several other large growers are contemplating building from 10,000 to 50,000 feet of glass during the spring and summer.

See W. D. Desmond for tickets for the dance of the Minnesota State Florists' Association, which will be held February 1. You are invited.

Oscar Amundson has had his store painted and re-decorated, and everything is now in readiness for the opening of the spring business.

C. W. Crum has returned to this city to take charge of the floral department at the R. M. Chapman Co.

H. B. Whitted had several large funeral orders last week which called for quantities of fancy stock.

Merriam Park Floral Co. is cutting some fancy cattleyas, which find a quick sale.

Rice Bros. are getting some choice roses, but the supply is not equal to the demand.

The Minneapolis Floral Co. is cutting some fancy rubrum lilies. T. C. R.

TRINIDAD, COLO.—The range of the Park Floral & Garden Co. has been leased for five years by W. P. Woolridge.

SPRINGFIELD, MASS.—The real estate and greenhouse range of Edward B. Beals have been purchased by Russell C. Parsons.

CLARKSVILLE, TENN.—John Tarpley has opened a flower department in his new store in the Daniel building on Third street.

U S Budlong's
E Blue Ribbon Valley.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00

Special price list of other supplies mailed free.

GEO. H. ANGERMUELLER
Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Cincinnati.

NOTICEABLE INCREASE IN SUPPLY.

The supply of stock in the market is heavier than it was a week ago, but is not as yet large enough to cause an easy market. Roses continue scarce and are far from being able to take care of the demand for them. Carnations are now coming in better than for some time. This applies both to their quantity and quality. Fair weather for several days should bring in a heavy cut. Easter lilies are not very plentiful. Lily of the valley continues scarce. Both double and single violets are plentiful, while sweet peas may be had in fair quantities. Bulbous offerings include narcissi, daffodils, jonquils and freesias. Other offerings include callas, rubrums and primroses. The supply of greens is sufficient for all present needs.

NOTES.

Edward E. Lester, of the J. M. McCullough Sons Co., and Mrs. Josephine McCullough were named executors and trustees of the estate of the late Albert McCullough.

P. J. Olinger has been on the sick list for the last few days.

C. E. Critchell has been having a very fine lot of orchids.

Visitors: Robert Newcomb, representing Vaughan's Seed Store, Chicago; J. Bayersdorfer and Paul Berhowitz, of the H. Bayersdorfer & Co., Philadelphia, Pa.; H. F. Winters, of the Winters Floral Co., Charleston, W. Va.

Mrs. Louise Witterstaetter died last week at the home of her son, R. Witterstaetter, in her eighty-eighth year. The funeral services were held at St. William's church and burial was at the mausoleum in the new St. Joseph's cemetery. There was an unusually strong attachment between the deceased and her son and he has the sympathy of his friends, who mourn with him in his great loss.

H.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists

Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for.....\$1.00
Samples Free.

Also write for list of other supplies.

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Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

HOERBER BROS.

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Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50

Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

H. B. KENNICOTT, PRESIDENT

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ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE

CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	\$6 00@7 50
" " 36-in.....	5 00
" " 30-in.....	4 00
" " 24-in.....	3 00
" " 20-in.....	1 50@2 00
" " 18-in.....	1 00
Mrs. Chas. Russell....	1 00@5 00
	Per 100
" Hoosier Beauty.....	6 00@15 00
" Killarney Brilliant.....	5 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" Richmond.....	5 00@15 00
" Prince de Bulgarie.....	5 00@15 00
" Rhea Reid.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Mrs. Geo. Sawyer.....	5 00@15 00
" Milady.....	5 00@15 00
" Sunburst.....	5 00@15 00
" Mrs. Aaron Ward.....	5 00@15 00
" Hadley.....	5 00@15 00
" Ophelia.....	5 00@15 00
" Our selection.....	5 00
Carnations.....	3 00@6 00
Cattleyas.....per doz., 6 00@7 50	
Gardenias.....per doz., 3 00@4 00	
Gladioli.....	2 00@6 00
Jonquils.....	5 00
Freessias, Tulips.....	4 00@6 00
Lilium Harrisi.....	12 50@15 00
Mignonette.....	6 00@8 00
Paper Whites.....	4 00@5 00
Romans.....	3 00@4 00
Stevia.....	2 00
Sweet Peas.....	1 50@3 00
Valley.....	4 00@5 00
Violets, single.....	75@1 00
Violets, double.....	50@1 00
Adiantum Croweanum.....	1 00@1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumosa Strings, each, 60@	75
Smilax.....per doz., 2 00@2 50	
Sprenger, Plumosa Sprays.....	3 00@4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO

ZECH & MANN

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30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale
Growers of **CUT FLOWERS**

All telegraph and telephone orders given
prompt attention.

162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000		100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00	R. P. Enchantress.....	\$3.00	\$22.50	Perfection—White.....	\$3.00	\$22.50
Alice—Salmon shade.....	6.00	50.00	L. P. Enchantress.....	3.00	22.50	Wonder—White.....	3.00	22.50
Siegward.....	6.00	50.00	Dorothy Gordon.....	3.00	22.50	A. Ward—White.....	3.00	22.50
Enchantress Supreme—Light Salmon	3.50	30.00	Winsor.....	3.00	22.50	Beacon—Red.....	3.00	22.50
Philadelphias—Rose pink.....	5.00	35.00	Pink Delight.....	5.00	45.00	Victory—Red.....	3.00	22.50
C. W. Ward—Good rose pink.....	3.00	25.00	Matchless—White.....	3.00	25.00	Champion—Red.....	4.00	35.00
Gorgeous.....	5.00	35.00	Enchantress—White.....	3.00	22.50	Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

BUSINESS ABOUT NORMAL.

The volume of business has been about normal for the season, there being considerable work for funerals and several important weddings. In spite of soft, mucky weather, the quality of the stock has been very good; there is an increase in the supply all along the line with the exception of American Beauty roses, which are now very scarce and command almost Christmas prices for that matter, all roses are held at stiff figures, Ophelia particularly commanding a good price, as it is the first selection of almost all buyers. There appears to be enough roses to go around and yet the market seems bare most of the time. Cattleyas are shortening up, the crops going off for the present. There are quantities of gardenias, a boy with a tray of very good looking stock being seen in nearly every block of the shopping district—10 cents for one, 3 for 25 is the price. There appears to be enough lily of the valley, but it runs higher than ever before at this season. Golden Spur daffodils are now seen in quantity. Sweet peas are not any too plentiful. Both calla and Easter lilies are moved without difficulty. Lilac is not quite equal to the demand; it is fine.

MICHELL'S ADDITIONS.

Beginning on January 1, William Saville, lately with Charles L. Stanley, Plainfield, N. J., took charge as superintendent of Henry F. Michell Co.'s growing establishment at Andalusia, Pa. The firm has just completed three new houses 25x125 feet, which are to be devoted to pot roses for spring trade, also a connecting house, 35x143 feet, into which 13 other houses open. A King-Richon heating system has just been installed to heat all the houses from a central point. A new office building and garage will be built this spring. The firm is also buying a three-ton Packard truck to run from the growing establishment to the store in Philadelphia, and as a further proof of its progress it has leased an additional 10 acres of land, which now gives it 60 acres under cultivation. We wish Mr. Saville full success in his new and much larger sphere of activity and do not doubt but that he will achieve it.

NOTES.

Rose gardens are to be a feature of the great show. Among the local exhibitors, W. K. Harris and the Robert Craig Co. have both entered. A. R. Pierson will try and reproduce his last New York success and there will be others. The posters, posterettes and smaller cards are now going out and in a week or so the advertising campaign will be in full blast. It is said that no previous exhibition of any kind will have had the publicity that is planned to exploit this great exhibition.

The growers are much encouraged with the outlook so that new houses maybe looked for from now on. Samuel Lilley has contracted with the King Construction Co. for two houses, each 35x250 feet and a corridor propagation house, 12x133 feet. George Burton is also at it again and a large house for American Beauties is under way.

J. Otto Thilow, who is about to take a short trip to the tropics, left New

Wholesale Flower Markets

BOSTON, Jan. 26.	Per 100
Roses, Beauty.....	40 00@50 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@5 00
Sweet Peas.....	1 50@2 00
Carnations.....	3 00@4 00
select.....	4 00@6 00

BUFFALO, Jan. 26.	Per doz.
Roses, Beauty, special.....	6 00
" " fancy.....	5 00
" " extra.....	3 00
" " No. 1.....	2 00
Per 100	
" " No. 2.....	6 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Killarney Queen.....	5 00@15 00
" Richmond.....	6 00@15 00
" Sunburst.....	6 00@15 00
" Ward.....	4 00@8 00
" Taft.....	6 00@15 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Shawyer.....	6 00@15 00
" Bon Silene.....	4 00@5 00
Lily of the Valley.....	4 00
Lilies.....	10 00@12 00
Cattleyas.....	40 00@50 00
Carnations.....	3 00@5 00
Snappedragons.....	6 00@10 00
Violets.....	60@75
Yellow Tulips.....	4 00@5 00
Daffodils.....	4 00@5 00
Asparagus Sprengeri.....	35@50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Jan. 26.	Per 100
Roses, Beauty.....	per doz., \$1 50@16 00
" Killarney.....	3 00@8 00
" My Maryland.....	3 00@8 00
" Richmond.....	3 00@8 00
" Taft.....	3 00@8 00
Lily of the Valley.....	3 00@4 00
Lilium Giganteum.....	12 50@15 00
Asparagus Plumosus.....	per bch., 25c
Orchids.....	per doz., 6 00@7 50
Carnations.....	4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	75@1 00
Narcissus.....	2 00@3 00
Sweet Peas.....	75@1 00

York on January 22. When off Scotland light during a fog, his vessel was run into by a freighter, which obliged the boat to hurry back to her dock in New York for repairs. The damage, fortunately, was trifling, and the journey was resumed January 24.

At the Berger Bros. market, spring flowers are leading items. Freesias, yellow and white daisies, and violets are seen in quantity, as are extra choice carnations.

Gardenias, cattleyas, white lilac and violets are being featured by the Leo Niessen Co. Rooted carnation cuttings are also a feature.

Special carnations are the feature with Edward Reid. His Wards, pink and white, are exceptionally fine.

The Joseph Heacock Co. is sending in splendid Ophelia roses; they appear to be in a class by themselves.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES. One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Deutscher & Glazer, Wholesale Florists 1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

The Florex Gardens are handling
George Elgar roses in quantity. Prima
Donna is a great favorite.

Cattleyas, gardenias and violets are
headliners with the Philadelphia
Wholesale Cut Flower Co.

Henry F. Michell and family have
gone to Palm Beach for the season.

K.

Omaha.

A. Donaghue has the sympathy of
the trade in the loss of his wife, who
died January 12, after a short illness.
She was buried at Forest Lawn cemetery.
The Omaha Florists' Club was
well represented at the funeral and a
handsome floral piece sent by the club
carried its message of sympathy and
respect.

Business has been very good since
January 1. The market cleans up well
and no surplus is to be seen anywhere.
Roses at present are very scarce and
command good prices, and American
Beauties are as rare as strawberries.
Bulbous stock is coming in well and
helps out nicely.

Irwin Frey, of Lincoln, will attend
the annual meeting of the American
Carnation Society at St. Louis. En
route he will call on Frank Stuppy of
the Stuppy Floral Co., of St. Joseph,
Mo., who also expects to attend the
meeting.

Edward Williams, of Grand Forks,
president of the Nebraska State Florists'
Society, spent a day in this city
calling on friends, on his way home
from the Lincoln convention of the
society.

Miss Parker is in the hospital as
the result of overwork during the holi-
day season.

GRIPPE.

GUST. RUSCH & CO.



Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206
444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids CHRYSANTEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Jan. 26.		Per 100
Roses, Beauty, extra.....	20	00@25 00
" first.....	8	00@10 00
" Mrs. Chas. Russell.....	8	00@15 00
" Killarney.....	3	00@10 00
" White Killarney.....	3	00@10 00
" Liberty.....	5	00@15 00
" Mock.....	6	00@15 00
" Hadley.....	8	00@12 00
" Bulgaria.....	4	00@10 00
" Sunburst.....	4	00@12 00
" Ophelia.....	3	00@ 8 00
" Hoosier Beauty.....	4	00@ 8 00
Carnations.....	2	00@ 4 00
Cattleyas.....	35	00@50 00
Callas.....	10	00@12 00
Lilium Harrisii.....	8	00@10 00
Lily of the Valley.....	3	00@ 5 00
Asparagus.....per bunch.	50	

PITTSBURGH, Jan. 26.		Per 100
Roses, Beauty, special.....	50	00
" fancy.....	40	00
" extra.....	20	00@30 00
" No. 1.....	12	00
" Killarney.....	4	00@12 00
" My Maryland.....	4	00@12 00
" Sunburst.....	4	00@12 00
" Mrs. Aaron Ward.....	4	00@10 00
" Richmond.....	4	00@15 00
Cattleyas.....	75	00
Lilium Giganteum.....	12	00
Valley.....	4	00
Sweet Peas.....	75	@ 1 50
Narcissus.....	4	00
Daffodils.....	3	00@ 4 00
Tulips.....	3	00@ 4 00
Roman Hyacinths.....	3	00
White Lilac.....per bunch.	1 50	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.	35	@40
Sprays.....per bunch.	35	@40

MILWAUKEE, Jan. 26.		Per 100
Roses, Killarney and W. Killarney	6	00@12 00
" Ward, Sunburst.....	6	00@15 00
" Mrs. Chas. Russell.....	10	00@40 00
" Richmond.....	4	00@12 00
" Ophelia.....	6	00@12 00
" Hoosier Beauty.....	6	00@15 00
Lilies.....per doz.	1 50	
Snappedragon, per bunch, 25c@50c	50	@ 75
Daisies.....	50	@ 75
Cattleyas.....per doz.	6 00	
Stevia.....	1 50	@ 2 00
Narcissi.....	3 00	@ 4 00
Sweet Peas.....	1 00	@ 2 00

RICE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

ST. LOUIS, Jan. 26		Per 100
Roses, Beauty, long.....	35	00@50 00
" medium.....	20	00@25 00
" short stems.....	8	00@15 00
" Killarney.....	4	00@10 00
" White Killarney.....	4	00@10 00
" Aaron Ward.....	4	00@10 00
" Sunburst.....	5	00@10 00
" Ophelia.....	6	00@12 50
" Hoosier Beauty.....	8	00@12 50
Valley.....	4	00
Carnations.....	2	00@ 3 00
Orchids.....	25	00@50 00
Callas.....	10	00@12 50
Asparagus Plumosus, per bu.	25	@75
Harrisii.....	2 00	
Ferns.....per 1000.	2 00	
Bronze Galax.....per 1000.	1 25	
Mexican Ivy.....		

New York.

PRICES CONTINUE FIRM.

There has been little change in the wholesale district since our last notes were written. Prices are generally firm. Special American Beauty roses, in some instances, sold at the rate of \$1 each toward the latter part of the past week, but the buyers hate to pay it and most of the stock sold for less. As we forecasted a week ago, American Beauties are scarce, and this being the season of all the year when they are likely to be in demand, it is not surprising that the price is high. While much has been said and written about the high price of flowers, there is this to remember, that for about nine months previous to this shortage they had been reasonable, often very cheap. The long continued bad weather and consequent shortage has nearly knocked the conceit out of some of the buyers. For a long time, to drop into the parlance of the street, they had been having a "soft snap" and did not appreciate it, but now they are beginning to see the light. Prices on all roses show a tendency to advance if bad weather continues. Carnations seem a little more plentiful, but not enough as yet to affect the price, which is \$4 to \$6 per 100. The bulbous stock is selling well. There is no stability in the violet prices, but some special stock has sold at 50 and 60 cents per 100. Orchids remain plentiful and cheap. Wallflowers are something of a factor in this market, there being quite a steady demand for them. Lily of the valley has been rather scarce and some special stock has sold for \$6 per 100.

January 24.—There is little change in the condition of the wholesale market, though there is a downward tendency in the ordinary stock of carnations and in the yellow narcissi. In addition to the trumpet majors, the Golden Spurs are now coming in and the supply may be expected to increase, but as we believe that many poor bulbs were distributed among the growers last fall, we will not expect them to be very cheap. While \$5 per 100 is about the best for the average grade of carnations, there are fancies, such as Matchless and Cottage Maid, that bring \$8. Rose prices are firm, and so are lily of the valley and lilies. Some very fine snapdragons and stocks are now on the market. There is no improvement in orchids.

NOTES.

John G. Carlaftes, well known in the retail trade of this city, has just opened a very fine store at Tremont avenue and the Southern boulevard, near 177th street, Bronx borough. The store is in a fine location and two large show windows make it very attractive. Its mirrors, ice box and other furnishings are all up to date, and it is well stocked with cut flowers and many fine plants.

We regret to learn that Miss Mabel Conkling, for several years bookkeeper for H. E. Froment, has been compelled to resign her position (temporarily at least), on account of ill health. Miss Conkling was popular with the patrons of the store and we hope she will soon be restored to health. She has been succeeded by E. G. Brower.

There was a meeting of the New York Florist Club's premium committee at Secretary Young's office, January 18. There was a full attendance and encouraging reports were made, and it now appears that the committee will succeed in raising a substantial sum for premiums for the spring show.

The annual entertainment and ball of the Greek-American Florists' Association will be held in the Terrace Garden, 58th street, near Lexington avenue, on the evening of February 24. As the Greek-Americans always stage

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

an excellent entertainment at a very reasonable price they deserve patronage.

T. E. Langton, 196 Flatbush avenue, Brooklyn, one of the oldest retailers of that section, has been suffering from blood poisoning in one of his hands and the trouble seems very stubborn. As a consequence he has given up business and offers his store for rent.

Nicholas Flessas, 1430 Amsterdam avenue, has been quite busy with funeral work. This store is made quite attractive with hanging baskets of ferns and other plants. Mrs. Flessas takes an active part in the management of the store.

Simon Hefeale and wife, 3361 Third avenue, are the oldest florists in Bronx borough, having been there over 50 years, but both of them are yet active in the business. They have, however, good children and grandchildren to help them out.

Edwin Anker, of Traendly & Schenck's staff, and Miss Elizabeth Beppler were married January 19. It was a church wedding, and there were appropriate decorations; also a large number of friends to witness the interesting event.

W. J. Boyd, greenhouse manager for Mrs. D. Y. Mellis, Snyder avenue, near Holy Cross cemetery, Brooklyn, has been visiting his old home, Rochester, N. Y. The stock at this range looks fine, many bedding plants being noteworthy.

A very attractive feature of Richard Weber's department store, 413-419 East Tremont avenue, is the floral department, Charles L. Bartels, proprietor. He has good business, having many decorations for the "movie" artists.

Although there is a general scarcity of roses there are some ranges that are exceptions. L. B. Coddington, Murray Hill, N. J., during the past week sent about 40 boxes per day to H. E. Froment, 148 West 28th street.

Eugene Dailledouze is attending the carnation convention at St. Louis. In the meantime he has fine crops of roses, carnations, mignonette and other stock coming on. Paul and Henry Dailledouze are at Camden, S. C.

Charles H. Totty, Madison, N. J., visited this city January 20 and went on to Mt. Kisco, N. Y., where he acted as toastmaster at the annual dinner of the Mt. Kisco florists and gardeners.

Herman Weiss, recently with D. C. Arnold & Co., has opened up in the wholesale business at 106 West 28th street, with a good stock of carnations, narcissi and other flowers.

Adam Trepel, who manages his brother, C. C. Trepel's, 28th street store, has been quite ill with the gripe, but was able to visit the store January 22.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

Thomas Daniel, the retailer, of 212 Fifth avenue, Brooklyn, has just put on a very handsome auto car for delivery. This looks like prosperity.

Mrs. John G. Phillips, of Brooklyn, who has been quite ill for several weeks, does not improve as rapidly as her friends would wish.

C. A. Ladiges, 1792 Amsterdam avenue, has been busy of late with funeral work and decorations.

Visitors: Frank Johnson, representing A. L. Randall Co., Chicago; W. J. Muth, Lansdowne, Pa., representing King Construction Co., North Tonawanda, N. Y.; L. Peacock, of Peacock Dahlia Farms, Berlin, N. J.

A. F. F.

New York Bowling.

The following scores were rolled by members of the New York Florists' Bowling Club, January 20:

Riedel	177	150
Miesem	163	163
Holt	138	138
P. J. Smith	149	152
Scott	175	154
W. P. Ford	153	149

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, { 1665 }
34 W. 28th St., New York
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysanthemums,
 Bouvardias, Sweet Peas,
 Asparagus Plumosus Nanus, Smilax
 and Paper White Narcissus.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
20 Years' Experience.

New Jersey Floricultural Society.
 The New Jersey Floricultural Society held its monthly meeting, January 17, in Jr. O. N. A. M. hall, 401 Main street, Orange, N. J. The following officers were elected: Henry Halbig, president; Max Schneider, vice-president; Edward A. Manda, treasurer; George W. Strange, secretary. The secretary's address is 84 Jackson street, Orange, N. J.
 The executive committee has decided to hold the following exhibitions:
 Rose night in June. The successful competitors will also be awarded certificates.
 A dahlia show will be held Monday, September 18, 1916, at the society's rooms. There will be classes for dahlias, annuals, vegetables, and fruits. Prizes will be awarded, also certificates. Class for annuals open to children only. Certificates awarded.
 Chrysanthemum night will be held in November. Certificates will be awarded.
 A. F. F.

Wholesale Flower Markets

NEW YORK, Jan. 26.	Per 100
Roses, Beauty, special.....	50 00@75 00
" " extra and fancy.....	30 00@40 00
" " No. 1 and No. 2.....	10 00@15 00
" Prima Donna, special.....	15 00@30 00
" Alice Stanley.....	6 00@15 00
" Francis Scott Key, special.....	15 00@20 00
" Mrs. Geo. Sawyer.....	5 00@12 00
" White Killarney, special.....	10 00@12 00
" Killarney, My Maryland.....	10 00@12 00
" " special.....	10 00@12 00
" " No. 1 and No. 2.....	5 00@ 8 00
" " Queen.....	4 00@15 00
" " Brilliant.....	4 00@15 00
" Aaron Ward.....	4 00@15 00
" Richmond.....	4 00@15 00
" Sunburst.....	4 00@15 00
" Taft.....	4 00@12 00
" J. L. Mock.....	4 00@20 00
" Hadley.....	4 00@40 00
" Ophelia.....	4 00@15 00
" Mrs. Chas. Russell.....	4 00@15 00
" Hoosier Beauty.....	4 00@15 00
" Cattleya Orchids, special.....	30 00@35 00
" inferior grades.....	10 00@20 00
Oncidiums.....per flower, 3c	
Cypripedium.....per doz., \$1.50@2.00	
Lilies, Longiflorum and Harrisii.....	10 00@12 00
Lily of the Valley.....	4 00@ 6 00
Carnations.....	4 00@ 6 00
Bouvardias.....	2 00@ 4 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 40@ 3 00
Smilax.....doz. strings.	75@ 1 00
Gardenias.....per doz.,	3 00@ 4 00
Violets, single.....	75@ 1 00
double.....	40@ 50
Sweet Peas, orchid flowered.....	1 50@ 2 00
common.....	1 00
Mignonette.....per doz., 50c@75c	
Pansies, cut.....	50@ 1 00
Narcissus, Paper White.....	3 00@ 4 00
Narcissus, Trumpets, spurs.....	4 00@ 5 00
Freesias.....	3 00@ 4 00
Tulips.....	3 00@ 4 00
White Lilac.....per bunch, \$1.00@\$1.25	
Snapdragons.....per doz., 1.25@ 1.50	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED





Our Valentine Offer RED HEART BOXES

FOR Valentine Corsage Bouquets, made in 2 sizes, nested. Packed 12 or 24 nests in a corrugated container. A carton supplied for each size, saving you the trouble and expense of extra wrapping.

Price, 30c per nest.

Also made with a white glazed top printed in two colors, Red and Gold with our Red Heart and Gold Arrow design at **35c per nest.**

As our supply is limited it would be well to place orders early to insure delivery.

A. A. ARNOLD PAPER BOX CO.
1302-8 West Division St., CHICAGO

Mention the American Florist when writing

Washington.

DEMAND FIRM WITH PRICES HIGH.

Business has held up well during the past week notwithstanding the fact that prices are high. Roses hold firm, but carnations, jonquils, narcissi, sweet peas and tulips are within the reach of all who want them. Easter lilies are quoted at from \$15 to \$18 per 100. Orchids are plentiful, as are gardenias.

NOTES.

J. H. Small & Sons recently had one of the most elaborate decorations that this city has seen for many years. The entire Pan-American building was decorated in honor of the president, American Beauty roses and orchids being used in profusion. Many of the guests said the arrangement was the finest they had ever seen.

Jonquils are plentiful at the Leo Niessen Co.'s establishment. Extra fine narcissi are also seen here. We regret to see Manager Snell walking with a cane on account of foot trouble.

Joseph Merritt, the fern and dahlia specialist, has been on the sick list for the past few weeks with the gripe.

Geo. Lavelle is cutting some fine Spencer sweet peas in addition to calendulas and snapdragons.

G. C. D.

Buffalo.

COLD WAVE AND SUPPLY SHORTENS.

Buffalo's winter last week was just what we were looking for and it arrived O. K. They say the better the day the better the deed, and it started on Sunday, and by Monday we had everything coming our way from above, with the temperature hugging the zero mark like a hobo around a stove in a flag shanty. By Friday it moderated but no sunshine—just rain. As we had been without rain for about a week it seemed unusual. The weather began to clear Saturday, January 22, and at this writing, January 24, bright sunshine has continued all day. Bulbous stock came in quite plentiful, tulips and hyacinths in pot plants and cut flowers being seen but there are not enough to supply the demand. Roses of all varieties are scarce and only fair in quality. American Beauties are almost entirely off crop. Carnations are still scarce but show some improvement. Sweet peas, mignonette, freesias and violets are to be seen. There is no scarcity in the supply of the last named.

NOTES.

Orleans county has a very pretty town by the name of Medina, which is looking for a city charter, but its hopes are shattered. Wm. Ehman, Jr., who with his father comprise the firm of Wm. Ehman & Son, of Corfu, journeyed to Medina last week and stole Miss Norma Snyder's heart and took her to Corfu, making Medina's population minus by one. Mr. Ehman is a member of the florists' club and the congratulations of that organization are added to those of a host of friends that wish the couple much happiness.

The growers in this vicinity had a hard time of it during the recent cold wave. Jerry Brookins, of Orchard Park, N. Y., had one large house that he found it impossible to keep the steam in, due to a shortage of gas. The heating equipment in the other houses was taxed to its full capacity and he and his night men were constantly on the job.

The only one of the local trade that can furnish lilies so all comers can have a few is L. H. Neubeck. He works his plants hard in order to try and accommodate all.

David Scott, of Corfu, N. Y., will be cutting a fine lot of stock from now on. He never has any difficulty in disposing of his flowers for they are always in demand.

The local delegation to the American Carnation Society's meeting and exhibition at St. Louis, Mo., this week was about a dozen strong.

S. J. Rebstock has opened a flower store on Grant street. This should prove a good location and we trust "Steve" will find it so.

Had stock on the market been as plentiful last week as the bulb agents every one would have been entirely satisfied.

The death of one of the members of a prominent German family resulted in a lot of funeral work for H. Keitsch & Sons.

Visitors: Stephen Green, representing H. Bayersdorfer & Co., Philadelphia, Pa.; representatives of Wertheimer Bros. and Schloss Bros., New York.

BISON.

West Hoboken, N. J.

John Birnie is very busy getting up a stock of geraniums and other bedding plants for the spring trade. He has a very fine stock of English ivy and keeps on propagating. In cut flowers, he is growing carnations and cal-

Retail Florists



Now is the time to prepare your advertising for February, March and April, covering

St. Valentine Day - Easter **Mother's Day Spring Planting**

We have worked up some beautifully colored orders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA

las. He expects to put up a new house the coming summer, 28x135 feet.

W. Gulliksen, 130 Summit avenue, has been very busy with funeral work. Though he grows quite a lot of stock at his Secaucus, N. J., range, he is a constant buyer in the New York market, which shows that he does business.

Joseph Bauman has given up his retail store, 308 Summit avenue, and has joined his father, Henry Bauman, who is a grower of ferns. He has erected a neat store at the range and will also do a retail business.

The greenhouses of Emil Leuly, formerly a fern grower, but who has gone out of business, are being wrecked and the material removed. It is expected that the land will be sold for residence or business houses.

The Rosery Flower Shop is about to open another good retail store at 23 Summit avenue. It is well located and should be successful.

John Tschupp has a great stock of geraniums coming on. He is also cutting fine narcissi.

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.

623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

C. Trauenerfeldt's
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street

To out-of-town florists:

We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

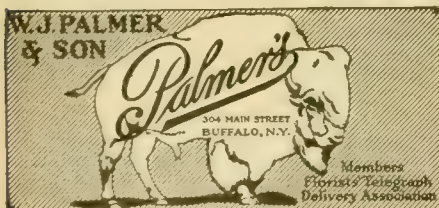
For Wisconsin Delivery

—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists
Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10, W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Feters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

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Gudes'

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Denver, Colo.

The Park Floral Co.

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President

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PAUL M. PALEZ

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Seattle's Leading Flower Shop
1536 SECOND AVE.

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KEENAN BLDG.

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Established 1874. Incorporated 1909.

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New York.

G. E. M. STUMPP

761 Fifth Avenue

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CLEVELAND

EUCLID AVENUE

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No. 1310 Bedford

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guarantee satisfaction.

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WHOLESALE AND RETAIL.

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Original Decorations a Specialty.

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THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

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Branch 1808

426 Madison Ave.

And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
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Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Fraenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Feters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flor. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
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Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
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Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
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Grand Rapids, Mich.—Eli Cross.
Guthrie, Okla.—Furrow & Co.
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Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
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New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
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Toledo, O.—Mrs. J. B. Freeman.
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Washington—Blackistone.
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Washington—Gude Bros.
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Mail or telegraphic orders promptly and most
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Established over 20 Years.

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Wire or Phone Your Orders to the
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The Largest Retail Supply House in the West
Jefferson and Washington Ave.

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Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Canada's best known and most reliable florist

Only
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Best
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We deliver anywhere in Canada and guarantee
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INC.

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Deliveries to Steamers and all Eastern Ports

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Orders Carefully Executed

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Wholesale and Retail

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
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The Largest Growers of Flowers in City

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Main and McKinney Phone, Preston 160

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(Successor to Geo. A. Heint)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

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Eli Cross

Orders properly cared for.

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We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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CHAS. A. DUERR.

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THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

KANSAS CITY, MISSOURI.

Rock's
FLOWERS

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Mangel
The Palmer House Florist
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C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

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Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

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Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Telephone 1813 Main **JOS. LEVY**

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Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

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Morris Goldenson

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We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

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Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Burpee's Seeds Grow

Burpee-Quality Seeds Help Solve the Market Problem

It is our pleasure to record a greatly improved market condition, and we confidently predict that 1916 will prove a most prosperous season for the Market Grower.

Many causes contributed to the unsatisfactory vegetable market of 1915, and it is also true that these same causes created a most profitable market for Staples, such as Wheat, Corn, Oats, etc.

During 1915 we attended many meetings where market growers gathered to formulate plans to overcome the then prevailing unfavorable conditions. Much good resulted from these conventions, as they have proved beyond question that inferior produce in large quantities, dumped without thought of quality or condition, has done more to demoralize the markets than any other factor.

The discussions at these meetings have brought the invariable conclusion that Quality Produce did sell—and sell well—at the highest price obtainable.

Quality Produce can no more be the harvest of inferior seed than high-bred cattle can be the product of inferior or diseased stock.

Burpee's Seeds are known the world over as the American Standard of Excellence. When you buy Burpee's Seeds the element of doubt is removed so far as is possible by human care. A careful canvass of our Market Grower friends has brought this answer: "Yes, we certainly grew first-class crops from Burpee's Seeds."

The conclusion is inevitable: Burpee's Seeds grow Quality Produce, and Quality Produce brought good prices. Burpee's Seeds help solve the market problem.

Did you use Burpee's Seeds in 1915? If not, we earnestly solicit your orders for 1916. The profit is mutual.

Burpee's Annual for 1916, our complete retail catalog of 182 pages, has already been mailed. If you have failed to receive it, please write us at once and a duplicate copy will be forwarded.

Sincerely yours,

Burpee Buildings:

North Fifth Street,
York Avenue and
Buttonwood Street,
Philadelphia.

W. Atlee Burpee & Co.

Seed Selection Gardens and Trial Grounds at our famous FORDHOOK FARMS, Pennsylvania, SUNNYBROOK, New Jersey, and FLORADALE, Lompoc, California.
Philadelphia, January 1, 1916

Reproduction of the Introductory Page of

Burpee's Blue List for 1916

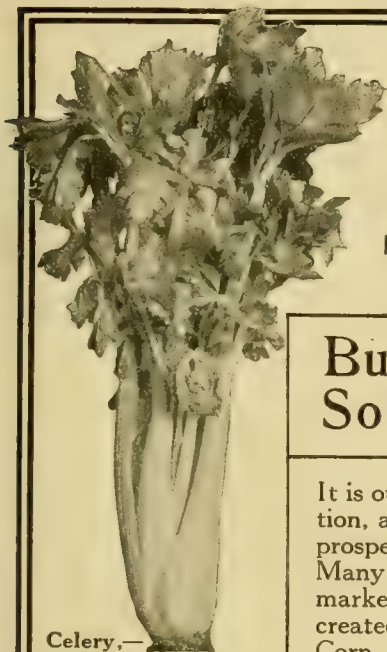
the Market Grower's Handbook

A Post Card will bring it

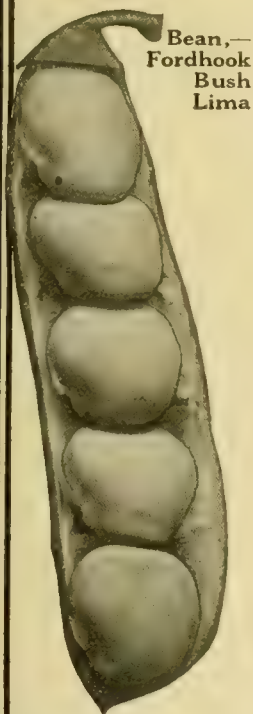
W. Atlee Burpee & Co.

Seed Growers

Burpee Buildings, Philadelphia



Celery,—
Golden
Self-Blanching



Bean,—
Fordhook
Bush
Lima

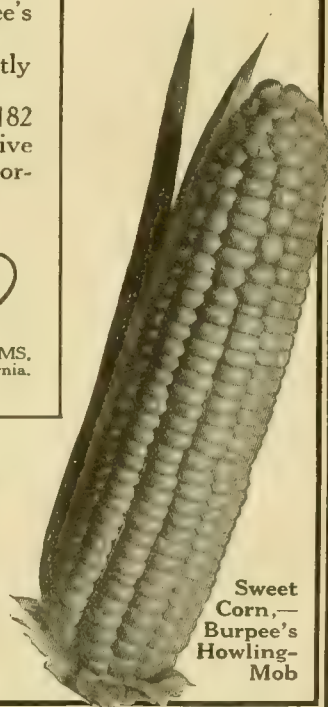
Pepper,—
Burpee's
Ruby
King



Cabbage,—
Burpee's
Allhead
Early



Beet,—
Burpee's
Black-
Red Ball



Sweet
Corn,—
Burpee's
Howling-
Mob

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Boigiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

ONIONS for eating at Chicago are quoted at \$2.50 to \$3 per 100 pounds.

BUFFALO, N. Y.—The Harvey Seed Co. has filed plans for a warehouse to cost \$2,300.

LYNN, MASS.—Jas. J. H. Gregory & Son, of Marblehead, now have a branch seed store here.

CLEVELAND, O.—The premises and stock of Wood & Co. were damaged by fire and water January 19. The loss is covered by insurance.

WACO, TEX.—The Mel L. Webster Co. and the Park Seed Co. were the heaviest losers in a fire that caused \$18,000 damage, January 11.

A BANKRUPT sale of all the stock, fixtures, real estate, good will book accounts and all other personal property of the Griswold Seed Co., Lincoln, Neb., is scheduled for January 29.

THERE is said to be a movement toward the selection of Chicago permanently as the place of the annual convention of the American Seed Trade Association on account of its central location.

CHAS. R. KIMBERLIN, of Santa Clara, Calif., passed through Chicago, west-bound, January 22. He says 12 inches of rain instead of four inches does not look favorable for onion and carrot seed. Onion bulbs, whose roots decay now because of excess moisture, may root again if dry weather follows soon. Australian Brown and Yellow Globe sorts have been good sellers this season.

SENATOR ACKERSON has filed in the New Jersey senate a bill (S. 11) to regulate the sale of agricultural seeds and to provide standards of purity and germination. This is the old Iowa type of seed bill, discarded for the label law of more recent seed legislation. The bill affects all classes of seeds and is highly objectionable to the seed trade and of little protective value to purchasers of seeds.

VISITED CHICAGO: J. S. Michael, of the Sioux City Seed & Nursery Co., Sioux City, Ia.; J. W. Edmundson, of the California Seed Growers' Association, San Jose, Calif.; C. R. Kimberlin, of the Kimberlin Seed Co., Santa Clara, Calif.; L. M. King, of Northrup, King & Co., Minneapolis, Minn.; Thomas W. Chisholm, representing the Braslan Seed Growers' Co., San Jose, Calif.; O. H. Drew, Los Angeles, Calif.

THE Western Seed & Irrigation Co., Fremont, Neb., writing one of its correspondents, says: "We feel that the winter shelled corn will not keep and the probabilities are that cash handlers will buy from hand to mouth on account of the keeping qualities of winter shelled corn. On the other hand the large crop in the south will be pretty well taken care of by February 15 or the first of March, as it will not keep in the warm southern climate and the damage from weevil."

Weights and Measures Bill.

There was a hearing before the house committee on coinage, weights and measures at Washington, January 20, to consider Congressman Dillon's bill (H. R. 150) relative to establishing standard weights of commodities, including peas, beans, etc. Curtis Nye Smith and a number of others attended in the interest of the seed trade.

The object of this bill, as stated by Mr. Dillon, was for congress to exercise its constitutional right to establish standard weights per bushel for certain commodities, including various kinds of seeds. At present there is such a variation of these standards in the several state laws that both the buyer and seller engaged in interstate transactions are hopelessly confused. If congress passes this bill all standards of state laws on the subject will be abolished, and a federal uniform standard established.

The seedsmen are not opposed to clearing up this conflict of laws. Indeed, they welcome it. Their objections were made to the inaccuracies of the bill. For example, all peas are to be sold at 60 pounds per bushel, whereas wrinkled peas are universally bought and sold at 56 pounds; all beans at 60 pounds per bushel, whereas some varieties are sold at 57 pounds, etc. Amendments were offered the committee to correct these mistakes of the bill, doubtless unintentional, and due to the failure of the author of the bill to appreciate the many kinds of seeds introduced to commerce since the enactment of these ancient state laws.

Seed Corn Warning Issued.

A warning was issued January 19 to the farmers of the country by the United States department of agriculture regarding the selection of seed corn. The department declared that the testing of seed corn for germination was an absolute necessity this year in many sections. In a number of districts the last corn crop from which seed for the coming planting will be taken was late in maturing or so moist when harvested as to call for special precautions. The department said in its notice of warning:

"If a farmer finds his seed is bad he should take steps at once to meet the difficulty. The purchase of seed should not be delayed till spring, especially when so much corn in various sections has been damaged. The farmer should secure his seed from well known sources, buy it upon a germinating guaranty basis and get his seed or typical samples early enough to make his own germinating tests.

"It is probable this year that many farmers who have not followed the wise practice of selecting enough special seed from good crops to last them in an emergency for two or three years, will have to buy seed. In buying seed farmers should try to secure corn of varieties known to prosper in their section. The safest seed would be that carefully selected from good corn

grown in the immediate neighborhood, but, at any rate, effort should be made to obtain seed grown in districts where climate, soil and farming conditions in general are similar to those at home.

"If the farmer happens to have a stock of seed left over from the 1914 crop, and doubts the seed saved from his 1915 crop, he would do well to test the older seed also, and then use whichever shows the greater vitality. Seed corn if properly cared for will retain its vitality for several years. Many farmers, knowing this, always select an extra amount of seed from any unusually good harvest."

Potato Stocks on Hand January 1.

Unusually small stocks of potatoes were held on January 1 in the important potato-producing states, according to reports of correspondents of the bureau of crop estimates. This is the reverse of conditions a year ago. Then, stocks were unusually large and southern potato growers who compete in the spring months with stocks carried over in the northern states were warned to expect the low prices which prevailed last spring. Supplies on hand January 1, 1916, for market, are estimated to be about 38 per cent smaller than a year ago, 15 per cent smaller than two years ago, 30 per cent smaller than three years ago, but 16 per cent larger than four years ago. These figures indicate that southern growers need not fear a burdensome competition with northern stocks of potatoes this spring. The United States seldom imports or exports relatively a large quantity of potatoes. Therefore, the European war has no material direct influence upon the potato market of the United States.

California Lima Beans for Export.

California produced 2,775,000 sacks (80 pounds each) of dry edible beans last year. Over half the yield—1,500,000 sacks in 1914—consists of limas, which are in demand not only in the United States, but for export. A Ventura report says bean associations there have recently received inquiries in regard to limas from Australia and Japan, two new consumers. Lima-bean growers are forming co-operative sales organizations this season throughout California. Several in Ventura county have entered into an agreement to sell their 67,000 sacks (80 pounds each), while another Ventura organization has been formed to dispose of 50,000 bags. Some of the associations are building warehouses and cleaning plants, one at Garden Grove costing \$4,000.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALADIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

Will of the Late Albert McCullough.

By the terms of the will of the late Albert McCullough his estate goes to his widow, Mrs. Josephine McCullough, but if she had not survived him the estate was to have been divided equally among their three children, Harry B. McCullough, Mrs. Josephine Blackburn, of Los Angeles, Calif., and Ella M. McCullough, of Cincinnati. Testator's widow and Edward E. Lester are named executors and trustees. The estate is estimated at \$100,000. one half in realty and the other half in personal property.

Imports at New York.

During the week ending January 8 imports were received at New York as follows:

McHutchison & Co., 4 cases trees (Rotterdam, Holland), 70 cases plants (Bordeaux, France).

P. Henderson & Co., 217 bags seed (Rotterdam, Holland), 1 case rose trees (Bordeaux, France).

H. F. Darrow Co., 5 bags seeds (Rotterdam, Holland), 2 bags seeds (London, Eng.).

A. Rolker & Sons, 65 cases roots, etc., (Rotterdam, Holland).

Stumpp & Walter Co., 65 cases roots (Rotterdam, Holland).

Vaughan's Seed Store, 1 case roots (Rotterdam, Holland).

C. F. Meyer, 9 cases roots (Rotterdam, Holland).

To order and others, 8 cases shrubs, 43 cases bulbs, 6 cases rose trees, (London, Eng.), 1,350 bbls. and 60 packages seeds (Havre, France).

During the week ending January 15 imports were received as follows from Glasgow, Scotland:

A. Dickinson & Co., 400 bbls. seed.

McHutchison & Co., 7 cases trees.

Nungesser, Dickinson Co., 100 bbls. seed.

Shenandoah Nurseries, 1 case trees.

Vaughan's Seed Store, 22 cases plants (Bordeaux, France), 55 packages seeds, 4 bags fertilizer (London, Eng.).

J. Steckler Seed Co., 60 packages fertilizer (London, Eng.).

To Order and others, 158 bags seed, 5 cases rose trees, 205 bags, 43 packages seeds (London, Eng.), 592 bags seeds (Barcelona, Spain), 7 cases trees (Liverpool, Eng.).

During the week ending January 22, imports were received from Rotterdam, Holland, as follows:

Vaughan's Seed Store, 2 cases bulbs, 3 bags seed.

J. F. Noll Co., 26 bags seed.

Weeber & Don, 21 bags seed.

Kennedy & Co., 63 bags seed.

J. M. Thorburn & Co., 3 bags seed (London, Eng.), 60 bags seed.

Dickinson & Co., 400 bbls. seed (Glasgow, Scotland), 175 bags seed (Bordeaux, France).

Nungesser, Dickinson Co., 18 bags seed (Glasgow, Scotland).

A. Rolker & Sons, 99 cases plants (Bordeaux, France).

P. Henderson & Co., 16 bags seed (Havre, France).

H. Frank Darrow Co., 186 packages seeds (Havre, France).

To order and others, 64 cases shrubs, 39 cases bulbs, 280 bags, 150 barrels, 100 packages and 29 cases seed (Rotterdam, Holland); 1,705 bbls., 4,422 packages, 205 sacks seeds (Havre, France).

Catalogues Received.

J. J. Wilson Seed Co., Newark, N. J., seeds; Wm. Elliott & Sons, New York, seeds; G. H. Hunkel Co., Milwaukee, Wis., seeds; J. M. Thorburn & Co., New York, seeds, plants, bulbs, etc.; Joseph Breck & Sons, Boston, Mass., seeds, plants and bulbs; German Nurseries and Seed House, Beatrice, Neb., seeds; Martin Kohankie, Painesville, O., nursery stock; Roman J. Irwin, New York, plants, bulbs and seeds; Geo. L. Stillman, Westerly, R. I., dahlias; The E. Gill Nursery Co., West Berkeley, Calif., roses; Breck-Robinson Nursery Co., Lexington, Mass., gladioli.

C. Keur & Sons, Hillegom, Holland, bulbs; L. Daehnfeldt, Ltd., Odense, Denmark, seeds.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia speciosa.....	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snaptadragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia, Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Solandensis.....	.15 1.00	Verbena, Mammoth.....	.15 1.01
Salvia Fireball.....	.30	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, - - NEBRASKA

Watermelon Seed

Send memorandum of requirements from crop 1916, and I will name lowest price.

VELVET BEANS FOR IMMEDIATE SHIPMENT

D. H. GILBERT, Grower,
MONTICELLO, FLA.

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz.\$2.25

Price list on application.

Cash with order

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage

Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS
3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

SPIRÆA

Peach Blossom (L. Pink)..... Per 100 \$7.00

LILY OF THE VALLEY
Best quality, 1000 to case, at \$16.60.

St. Louis Seed Co.
The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

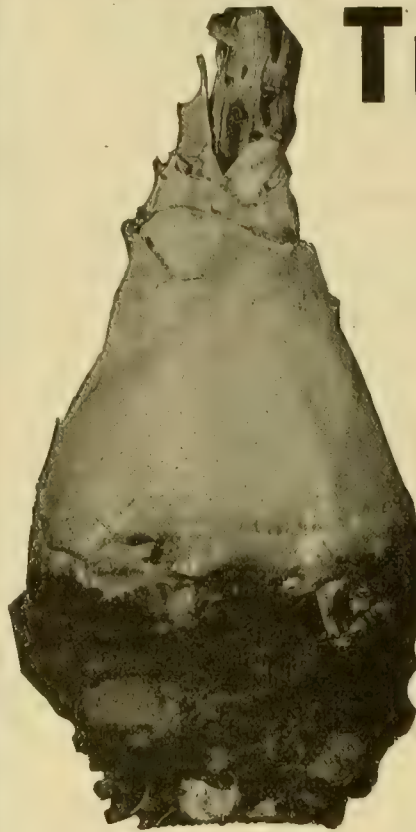
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

J.C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.



The Dwarf Pearl Tuberose.

Tuberoses

True Dwarf Pearl

Carload lots of bulbs are in warehouse, frost free, and ready for shipping.

Per 1000
First Size, 4-6 inches.....\$9.00
Medium Size, 3-4 inches.. 5.00

Gladiolus

Double your returns by planting between the carnations as a catch crop. Grown by us:

Mrs. Francis King, 1st Size	} Write for Prices and Samples
Augusta, "	
America, "	
Chicago White, "	
Florist XXX Mixed "	

We can also supply "Medium Size" bulbs of the above varieties.

1916 Prices on all leading kinds are ready.

Vaughans Seed Store Chicago New York

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO.

WHOLESALE SEED GROWERS

Bruyeres-le-Chatel.

(Seine et Oise)

FRANCE

We are growers of and can offer for immediate delivery as far as unsold, all varieties of

GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of
BLUE GRASS, TIMOTHY, MEADOW FESCUE, RED TOP, ETC. Correspondence in English

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing

Have just received a small surplus of
Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

The Storrs & Harrison Co., Painesville, Ohio

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

PHILADELPHIA, PA.—Howard W. Selby of this city has been elected president of the Pennsylvania Vegetable Growers Association for the ensuing year. J. R. Bechtel of State College is the newly elected secretary.

READING, PA.—The second annual convention of the Pennsylvania Vegetable Growers' Association was held here January 18 in conjunction with the fifty-seventh annual meeting of the Pennsylvania State Horticultural Association.

CLEVELAND, O.—Martin L. Reutenik, president of the Vegetable Growers' Association of America, and for a number of years mayor of Brooklyn Heights, a suburb of this city, has been elected president of the Lincoln Savings and Banking Co.

Vegetable Show at Detroit.

The first annual exhibit of vegetables by the Detroit Growers' Association, held in Goeschel's hall, 968 Gratiot avenue, was attended January 22 by more than 175 persons. There were 150 different collections of vegetables in the exhibit, and Detroit amateur gardeners found a wealth of information systematized for them.

Addresses were delivered by Prof. C. W. Wait, secretary of extension work of Michigan Agricultural College; Prof. E. D. Whelan, of M. A. C., and A. M. Brown, of Grand Rapids. Mr. Brown urged closer co-operation of the growers with the farmers, and Prof. Whelan spoke on methods of conserving and protecting vegetable crops. Prof. Wait told of the dependence of the growers on close relationship with one another in promulgating instructive information for the benefit of all. The members of the association held a round table discussion.

Parcel Post Marketing.

Farmers' Bulletin No. 703, recently issued by the United States department of agriculture, contains valuable information and suggestions for persons desiring to buy or sell produce by parcel post. The increased cost of living has caused many persons to look to securing produce by parcel post as a means of relief, and some have been disappointed because of unsatisfactory results arising from various causes. Physically the transportation of practically all kinds of produce is a possibility; economically it is frequently not justifiable. A thorough study of the possibility of marketing farm products by parcel post is being conducted by the department of agriculture with the intention of publishing the results in a series of bulletins, each dealing with a specific phase of the question. The first of these publications, "Shipping Eggs by Parcel Post," was issued as Farmers' Bulletin 594. The present bulletin contains general information which has

been accumulated in the course of these investigations and which should be of use to those producers and consumers who are interested in the more general phases of the subject.

Persons desiring to market by parcel post should acquaint themselves with the time at which mails are dispatched from their post offices so that they may regulate the preparation and mailing of parcels accordingly. On rural delivery routes this suggestion can not always be followed. In some cases certain patrons can intercept the carrier, on his return trip, at no great distance from their homes, while others may find it convenient to take the weekly shipment direct to the post office themselves when going to town on their weekly shopping trip. Where it is possible, perishable shipments should be made so as to reach destination for delivery during ordinary delivery hours. Postmasters will give information as to the postal requirements for mailing the various kinds of produce.

Parcels containing perishable articles must be marked "Perishable"; eggs must be marked "Eggs"; any parcel containing glass must be marked "Fragile." Articles likely to spoil within the time reasonably required for transportation and delivery are not accepted for mailing. If desired, a receipt can be secured from any postmaster, acknowledging the mailing of a parcel, on the payment of 1 cent. For 3 cents a parcel may be insured against loss if not valued at over \$5.

The list of fruits, vegetables, and other products treated in this bulletin is not exhaustive, but probably covers those most likely to be handled by parcel post.

Prices of Indoor Fruits and Vegetables.

Chicago, January 25.—Mushrooms, home grown, No. 1, 20 to 25 cents per carton; lettuce, cases 20 to 25 cents; radishes, 30 cents to 40 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.25; cucumbers, dozen, \$1.00 to \$1.50.

New York, January 25.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.50 per dozen; mushrooms, \$1.50 to \$1.75 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 15 cents to 60 cents.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawns

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawns Co., St. Paul, Minn

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Miscellaneous Plants

	2-in. per 100	2-in. per 1000	3-in. per 100	3-in. per 1000
Alternanthera.....	\$2.00	\$18.50	\$3.00	\$25.00
Lemon Verbena...	2.00	18.50	3.00	25.00
Swainsona.....	2.00	18.50	3.00	25.00
Ageratum.....	2.00	18.50	3.00	25.00
Parlor Ivy.....	2.00	18.50	3.00	25.00
Senecio Argenteus	2.00	18.50	3.00	25.00
Alyssum.....	2.00	18.50	3.00	25.00
Coleus.....	2.00	18.50	3.00	25.00
Salvia.....	2.00	18.50	3.00	25.00
Cuphea.....	2.00	18.50	3.00	25.00
Lantanas.....	2.00	18.50	3.00	25.00
Petunias.....	2.00	18.50	3.00	25.00

Coleus, Salvia, Ageratum, Heliotrope. Rooted cuttings, 60c per 100; \$5.00 per 1000.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

CHRYSANTHEMUMS

Rooted Cuttings ready Feb. 1st from 2 1/4-inch pots as soon as established.

	2 1/4-in. pots 100	1000	Rooted Cuttings 100	1000
Crystal Gem.....	\$10.00	\$90.00	\$7.00	\$60.00
Golden Queen.....	10.00	90.00	7.00	60.00
Marigold.....	10.00	90.00	7.00	60.00
Modello.....	10.00	90.00	7.00	60.00
Tekonsha.....	10.00	90.00	7.00	60.00
Antique.....	4.00	35.00	3.00	25.00
Pink Gem.....	4.00	35.00	3.00	25.00
Smith's Ideal.....	4.00	35.00	3.00	25.00
White Chieftain.....	4.00	30.00	3.00	25.00
Chas. Razer.....	3.00	25.00	2.50	20.00
Chieftain.....	3.00	25.00	2.50	20.00
Donatello.....	3.00	25.00	2.50	20.00
Edwin Seidewitz.....	3.00	25.00	2.50	20.00
Mrs. B. E. Hayward..	3.00	25.00	2.50	20.00
Oconto.....	3.00	25.00	2.50	20.00
Smith's Sensation...	3.00	25.00	2.50	20.00
Yellow Touselet.....	3.00	25.00	2.50	20.00
Chrysolora.....	3.00	25.00	2.50	17.50
Clementine Touselet	3.00	25.00	2.50	17.50
Dr. Enguehard.....	3.00	25.00	2.50	17.50
Harvard.....	3.00	25.00	2.50	17.50
Major Bonaffon.....	3.00	25.00	2.50	17.50
Pacific Supreme.....	3.00	25.00	2.50	17.50
Smith's Advance.....	3.00	25.00	2.50	17.50
White Bonaffon.....	3.00	25.00	2.50	17.50

Not less than 25 of a variety at hundred; 250 at thousand rate.

ELMER D. SMITH & CO.,
ADRIAN, MICH.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

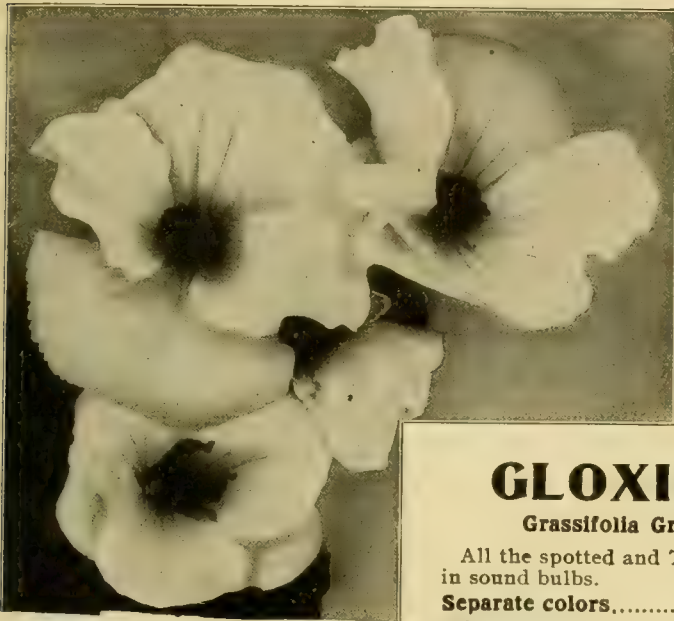
GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/8 oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.



Tuberous Rooted Begonias

Splendid imported bulbs now on hand.
Grown from the finest large flowering strains.

Single Sorts.	Doz.	100	1000
White, scarlet, yellow, pink.....	50c	\$3.00	\$25.00
Single mixed.....	40c	2.60	23.00
Double Sorts.			
White, scarlet, yellow, pink.....	60c	4.00	35.00
Double mixed.....	50c	3.50	30.00

Seedsman write us for mailing size, samples and prices.

GLOXINIAS

Grassifolia Grandiflora

All the spotted and Tigered variations
in sound bulbs. Per 100 Per 1000
Separate colors.....\$4.00 \$35.00
Mixed colors..... 3.60 32.00

GLOXINIA HYBRIDA IMPERIALIS

(New Emperor Gloxinia)

	Per doz.	Per 100
Separate colors.....	\$1.00	\$7.00
Mixed colors.....	.85	6.00

Spring Book For Florists Complete. Ask For It.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

ACACIA SEED

I have a surplus of A. Baileysana, A. Floribunda, A. Longifolia and A. Latifolia, all 191 stock. As long as it lasts it will go at \$1.00 per lb. I have other varieties at regular prices. Above price is F. O. B. Los Angeles. Make check payable to

GEORGE H. HOPKINS, Eagle Rock Sta.,
Los Angeles, Calif.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds
Baltimore, Md.

Mention the American Florist when writing

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery January, February.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS SANTA CLARA, CAL.

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly
reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues
SAN FRANCISCO, - CALIF.

100,000 GERANIUMS

READY NOW

Thousands more coming on every day, from 2
and 2½-in. pots. of Ricard, Beaute Poltevine, S.
A. Nutt, Montmort, Grant, Henderson, Doyle,
Buchner, La Favorite, etc. \$2.25 per 100; \$20.00
per 1000. Fully as good as last year's. Try them
Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

VICKSBURG, MICH.—The Prudential Nursery Co. has built a large, modern packing house here.

ST. LOUIS, MO.—The Sanders Nursery Co. has been incorporated with a capital stock of \$10,000, fully paid.

PAWTUCKET, R. I.—The United States district court has discharged the Everett Forestry Co., Inc., from bankruptcy.

HOWELL, TENN.—The Howell Nurseries have been incorporated with a capital stock of \$50,000 by Bruce, S. R., C. B. and C. S. Howell and C. R. Trotter.

PAWNEE CITY, NEB.—J. E. Atkinson, nurseryman and florist, died at his home in this city, January 8, of cancer. The business will be continued by his widow and children under the name of J. E. Atkinson & Co.

Eastern Nursery Stock Quarantine Proposed

In order to protect the white pine forests of the country from the disease known as the white pine blister rust, it is proposed to place a federal quarantine on shipments of five-leaved pines and cultivated black currants from several eastern states. A public hearing on this question will be held by the federal horticultural board at the Department of Agriculture, Washington, February 4, at 10 a. m. The states which it is proposed to quarantine on this account are New Hampshire, Vermont, Massachusetts, Connecticut, New York and Pennsylvania.

Dwarf Apple Not Commercially Promising

After 10 years' experience in different parts of the state, the New York agricultural experiment station (Geneva, N. Y.) in Bulletin No. 406, gives several reasons why dwarf apples are not considered commercially promising. To test the practicability of such dwarf trees, the station set three orchards of dwarfs, half-dwarfs and standards intermingled, in three localities in the state.

The objections are many: High first cost, since dwarf trees usually cost more per tree than standards and it requires from four to nine times as many trees for the same area; uncertainty of securing the desired dwarfness, since much confusion exists in dwarfing stocks; liability of dwarf trees to winter injury or winter killing, to breaking off at the union or to overturning by winds; extra labor to maintain dwarfness by removal of scion roots and to prevent weakening by suckers; and troubles due to shallow-rooting habit, such as susceptibility to drought, difficulty in giving thorough cultivation and root injuries in cultivating.

Before considering dwarf apples for anything more than home-ground or garden use, the fruitgrower should study this bulletin with care. A request and your name on a post card addressed to the station will secure a copy.

Prairie Spirit in Landscape Gardening.

This is the title of a new publication issued by the Department of Horticulture, University of Illinois, Urbana, and describes more than \$6,000,000 worth of work done by landscape gardeners in the prairie style of landscape gardening since 1901. It is an extra large 36-page circular by Wilhelm Miller, and while the publication is too expensive for unlimited free distribution it will be sent free upon request to Illinoisans who will do some ornamental planting within a year. Copies cannot be sent to all citizens of other states, but those who wish may apply for same.

Hagerstown, Md.

The city council of this city expects to open a new city park this summer which will embrace 50 acres, including a five acre lake. The park will be in a beautiful spot in the southwestern part of the city and will have a base ball grounds attached. Walks in the form of horseshoes among the handsome evergreen trees, some of which are more than 100 years old, will be a feature. An automobile driveway is also planned.

Manager W. R. Brewer, formerly of Middletown, N. Y., is cutting some fine sweet peas at the Floralcrofters' range on Cannon avenue. J. E. K.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Japanese-American Combination

ROCKERY

Specially made in hothouse.

Japanese landscape garden of any style constructed in a short time.

T. R. Otsuka, 414 S. Michigan Blvd. CHICAGO.

Moulder's Landscape Plans

Show exactly what to plant and where to plant it, made special for any grounds from the information you give. Just the thing for Nurserymen, Agents or Florists doing landscape work.

Estimates Free.

Geo. B. Moulder, Smith's Grove, Ky.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.
Mention the American Florist when writing

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only.

Jackson & Perkins Company

NEWARK, NEW YORK

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Mention the American Florist when writing

ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

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All our Roses are Field-Grown.

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Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

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Young Deciduous Ornamental Trees and Shrubs.

Very important collection.

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Exquisite in color—Remarkable in size, beauty and foliage.

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100 plants for . . . \$35.00 500 plants for . . . \$150.00
250 plants for . . . 82.50 1000 plants for . . . 300.00

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Originators and Growers

154 North Wabash Avenue,

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Plumosus, 2¼-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Vaughan, Italia, Patry, B. Prince, Bouvier, Barbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

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Pyramids, 2 ft. \$1.00 each
Pyramids, 2½ ft. 1.50 each
Pyramids, 3 ft. 2.00 each
Pyramids, 3½ ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2 ft. 1.50 each
Nice Bushes, 15-in. 35c each

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A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at. \$3.00 each
10-inch tubs, 40 to 44 inches high, at. 5.00 each

Kentia Forsteriana, made up, bushy plants, in good tubs.

7-inch tubs, 3 plants in a tub, 36 inches high, at. \$3.00

8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at. 3.50

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8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at. 5.00

9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at. 6.00

10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at. 7.50

Asparagus Sprengeri, strong 3-in. \$ 5.00 per 100

Dracaena Terminalis, strong 5-in. well colored. \$7.00 per doz.; 50.00 per 100

Ficus Elastica, 5-in. pots, 18-in. high, broad leaved, at. 40c

Heliotrope, 2¼-in., purple or white. \$3.00 per 100

Lantanas, 8 varieties, 2¼-in. \$4.00 per 100

Spiraea Clumps, fine grade—**Floribunda**, \$6.00 per 100; **Gladstone**, \$7.00 per 100; **Queen**

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The Storrs & Harrison Co.

PAINESVILLE, OHIO

POT-GROWN FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

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If YOU are interested in Mid-Winter **Blooming Plants**

— or anything in —

Soft Wooded Plants

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Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

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It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
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Made-up Kentia Forsteriana			
	In. high	Each	
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50	
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00	
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00	
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00	
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub, 6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub, 6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

R. Van der Schoot & Son,

Hillegom, Holland

(Established 1830)

Have still a large stock of
Lily of the Valley,
best crowns, of their own growing.

	Per 1000
A—Foliage oval shape.....	\$8.00
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Solomon's Seal, giganteum.....	8.00
Solomon's Seal, macrophyllum.....	9.00

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Mrs. Andrew Carnegie.....	\$6.00
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Louise Catherine de Breslau.....	6.00
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Madame Edouard Herriot.....	\$24.00

Very large stock of **ROSES**, of which
list of varieties on application.

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	Per 1000
Sinensis, in 24 best named varieties, per 1000.....	\$40.00

We are growers of about 8 acres of them.

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	Per 1000
Best Strain Known.....	\$13.00
Single to color.....	17.00

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Plant List (Spring 1916) Now Ready.

Mention the American Florist when writing

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Strong 2½ inch Plants.

	Per 100	Per 1000
Cincinnati, 2½-in.....	\$15.00	\$120.00
Lorraine, 2½-in.....	12.00	100.00
Chatelaine, 2½-in.....	5.00	40.00
" 3 -in.....	8.00	75.00
Vernon, 2½ and 3-in.....	4.00	

Primroses.

	Per 100
Obconica in bloom, 3-in.....	\$ 8.00
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Malacoides, 3-in.....	6.00

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Nutt, Pressily, Ricard, Jean Viaud,
Poitevine, Gen. Grant, strong 2½-in.,
\$25.00 per 1000.

Petunias.

Double—Single fringed.

2½-in.....	\$25.00 per 1000
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All stock guaranteed. Special price on large lots.

PYFER & OLSEM, WILMETTE, ILL.

Ice Plant.

2½-in.....	\$25.00 per 1000
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Coleus.

Six best varieties.

2½-in.....	\$25.00 per 1000
Curly Queen, best for baskets.	
2½-in.....	\$25.00 per 1000

Marguerites.

2½-in.....	\$25.00 per 1000
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Fuchsias.

Three varieties, 2½-in., \$25 per 1000

Salvias.

2½-in.....	\$25.00 per 1000
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Fine pot plants at \$5.00 per 100, in bud.
Rooted cuttings, \$2.50 per 100, Feb. delivery.

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Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

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Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

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We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chartard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

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Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$3 per 100. BENJ. CONNELL, Merchantville, N. J.

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Araucaria robusta compacta, 3 to 4 tiers, \$1.50; \$2, \$2.50 each. Excelsa, 4 to 5 tiers, \$1.50; 5 tiers, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

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ASPARAGUS PLUMOSUS NANUS, 2½-inch pots, \$3 per 100; \$25 per 1,000. SPRENGERI, 2½-inch pots, \$2.50 per 100; \$20 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

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Asparagus plumosus seedlings, July sown; postpaid, 60c per 100; \$5 per 1,000. Berno Floral Co., Orlando, Fla.

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Asparagus plumosus, 2½-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprenger, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

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Aspidistra lurida, 5-inch; \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

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AZALEAS for Easter blooming. Van der Cruysen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

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BEGONIA LORRAINE.	
Per 100	Per 100
2½-inch.....\$12.00	4-inch.....\$35.00
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Per 100	Per 100
2½-inch.....\$15.00	3½-inch.....\$30.00
3 -inch..... 25.00	4½-inch..... 40.00

JULIUS ROEHR CO.,
Rutherford, N. J.

Begonias, Gloire de Chatelaine, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2½-inch, \$3.50 per 100; 3-inch, \$8 per 100; 4-inch, \$15 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

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FLOWERING BEGONIAS, 2½-inch pots, 60c per doz.; \$4.00 per 100; Alba Perfecta Grandiflora, The White Rubra, Argentea Guttata, Alba Picta, Fairy, Fuchsoides, Coccinea, Hybrida Multiflora, Mrs. Townsend, Picta Rosea, Sandersonii, Thurstonii.

NEW VARIETIES BEGONIAS.

	Doz.	Per 100
Coraline Lucerne	\$1.00	\$8.00
Gloire de Chatelaine	1.00	8.00
Marjorie Daw, Trailing Begonia..	.75	5.00

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BEGONIAS.

	Per 100
Xmas Red, 2½-in.....	\$ 6.00
Xmas Red, 3-in.....	10.00
Erfordii, 2½-in.....	3.00
Erfordii, 3-in.....	6.00
Prima Donna, 2½-in.....	3.00
Smithii, 2½ in.....	3.00
Chatelaine, 2½-in.....	3.50

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Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyfer & Olsen, Wilmette, Ill.

Begonias, best strain known: Single to color, \$13 per 100; double to color, \$17 per 100. R. Van Der Schoot & Son, Hillegom, Holland.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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Skimmia Japonica, well berried, \$1. \$1.25, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC.,
Box 404, Dundee, Illinois.

Boxwoods, pyramid, 2 ft., \$1 each; 2½ ft., \$1.50; 3 ft., \$2; 3½ ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, tuberous rooted begonias: Single sorts, white, scarlet, yellow, pink, 50c per doz.; \$3 per 100; \$25 per 1,000; double sorts, white, scarlet, yellow, pink, 60c per doz.; \$4 per 100; \$35 per 1,000; single mixed, 40c per doz.; \$2.60 per 100; \$23 per 1,000; double mixed, 50c per doz.; \$3.50 per 100; \$30 per 1,000. Gloxinias: Grassifolia grandiflora, separate colors, \$4 per 100; \$35 per 1,000; mixed, \$3.60 per 100; \$32 per 1,000. Hybrid imperialis, separate colors, \$1 per doz.; \$7 per 100; mixed colors, 85c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Mag-nificum, 8-9, case of 200, \$11. Wm. F. Kas-ting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Japan grown freesias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

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CANNAS—All the standard varieties, including King Humbert, \$3.50 per 100; \$30 per 1,000. NEW VARIETIES, including Eureka, Firebird, Hungaria, Meteor, Mrs. Alfred Conard, Olympic, Rosa Gigantea, Yellow King Humbert or Queen Helen, etc. Write for prices. Our catalog of everything you need mailed on application. Write for it today.

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Cannas, 1 to 3 eye, Allemania, \$1 per 100. Vaughan, Italia, Patry, B. Prince Bouvier Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

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Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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CARNATION ROOTED CUTTINGS.

Immediate Delivery.

	100	1,000
Aviator	\$12.00	\$100.00
Alice	6.00	50.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst.....	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress.....	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward.....	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings.

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CARNATION ROOTED CUTTINGS.

Delivery January

We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.

Matchless. Enchantress Supreme.
Mrs. C. W. Ward. White Enchantress.
Beacon. Enchantress.
\$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order.
ELITCH-LONG GREENHOUSES, Denver, Colo.

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ROOTED CARNATION CUTTINGS.

Taken from the best stock sold in the Chicago market. Ready for immediate delivery:

	100	1,000
Enchantress	\$2.00	\$18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,

30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Victory	2.00	18.00

VIETOR BROS.,

162 N. Wabash Ave., Chicago

Carnations, Alice Coombs, \$12 per 100; \$100 per 1,000. Pink Sensation, \$6 per 100; \$50 per 1,000. Alice, \$6 per 100; \$50 per 1,000. Enchantress Supreme, \$3 per 100; \$30 per 1,000. Mrs. Ward, Enchantress, Rose-Pink, Rosette, White Wonder, White Enchantress, Champion, Beacon, Pochontas, \$3 per 100; \$25 per 1,000. Mrs. Akehurst, \$6 per 100; \$50 per 1,000. Matchless, \$4 per 100; \$35 per 1,000. The E. G. Hill Co., Richmond, Ind.

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, \$6 per 100; \$50 per 1,000. Matchless, Yellow Prince, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Florissa, Benora, \$3 per 100; \$25 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Fine, healthy, rooted carnation cuttings. Best obtainable, order early.

	100	1,000
Enchantress	\$3.00	\$25.00
White Wonder	3.00	25.00

SINNER BROS.,

158 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS.

Fine healthy stock ready for immediate delivery.

	100	1,000
Light Pink Enchantress.....	\$2.00	\$14.00
Winsor	2.00	14.00
Rose Pink Enchantress.....	2.00	14.00

J. A. BUDLONG,

184 North Wabash Avenue, Chicago, Ill.

Carnation cuttings, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2 per 100; \$18 per 1,000. White Wonder, \$2.50 per 100; \$20 per 1,000. Champion, \$3 per 100; \$25 per 1,000. Beacon, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS FROM SAND.

Enchantress.....\$15.00 per 1,000
Nic. Reding, 6731 Ridge Ave., Chicago.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Cottage Maid. Send your order early. Cottage Gardens Co., Inc., Queens, New York.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTEMUMS.

FINE BEST EARLY CHRYSANTEMUMS.

Stock plants full of cuttings now ready.

Oconto, early white, per plant.....	25 cents
Early Frost, early white, per plant.....	50 "
Crystal Queen, early white, per plant.....	50 "
Golden Queen, early yellow, per plant.....	50 "
Marigold, early yellow, per plant.....	50 "

BASSETT & WASHBURN,

178 North Wabash Avenue, Chicago.

CHRYSANTEMUMS.

Chrysanthemums—Rooted cuttings ready Feb. 1, from 2 1/4-in. pots as soon as established.

	2 1/4-inch pot.	Rooted cuttings.
Crystal Gem	\$10.00	\$90.00
Golden Queen	10.00	90.00
Marigold	10.00	90.00
Modello	10.00	90.00
Tekonsha	10.00	90.00
Antique	4.00	35.00
Pink Gem	4.00	35.00
Smith's Ideal	4.00	35.00
White Chieftain	4.00	30.00
Chas. Razer	3.00	25.00
Chieftain	3.00	25.00
Donatello	3.00	25.00
Edwin Seidewitz	3.00	25.00
Mrs. B. E. Hayward	3.00	25.00
Oconto	3.00	25.00
Smith's Sensation	3.00	25.00
Yellow Touse	3.00	25.00
Chrysolora	3.00	25.00
C. Touse	3.00	25.00
Dr. Enguehard	3.00	25.00
Harvard	3.00	25.00
Major Bonaffon	3.00	25.00
Pacific Supreme	3.00	25.00
Smith's Advance	3.00	25.00
White Bonaffon	3.00	25.00

Not less than 25 of a variety at 100; 250 at 1,000 rate.

Elmer D. Smith & Co., Adrian, Mich.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100 of 2 1/4-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

COLEUS.

COLEUS—20 leading varieties, 2 1/4-inch pots, free from mealy bug, \$2 per 100; \$18 per 1,000. SPECIAL—Dr. Ross or Christmas Gem Coleus, 2 1/4-inch pots, 75c per doz.; \$6 per 100. Our catalog of everything you need mailed on application. Write for it today.

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The Largest Rose Growers in the World,
SPRINGFIELD, OHIO.

Coleus, Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria, 2 1/4-inch, \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Coleus, 6 best vars., 2 1/4-in., \$25 per 1,000. Curley Queen, 2 1/4-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—IMPROVED WANDSBEK TYPE—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2 1/2-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100. SEEDLINGS—(August) Improved Wandsbek, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; 500 at 1,000 rate. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM—Mostly salmon. Wandsbek, 4-inch, good plants at 15c and 20c, in full bloom. Would exchange for Var. Vincas 2 in. or 3-in. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2 1/4-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2 1/4-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracaenas, amabilis, 6-inch, \$1.25 each. Baptistii, 6-inch, \$1.25 each. Massangeana, 5 1/2-inch, 75c each. Imperialis, 5-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracaena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Palmsville, Ohio.

FERNS.

FERNS—Dwarf ferns for table dishes, including such varieties as Holly, Wilsoni, Tensimense, etc. Nice clean stock, \$2.50 per 100; \$20 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
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Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compasta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/4-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2 1/4-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston and Roosevelt, 5-inch, 25c each. Boston, Roosevelt and Whitmani, 6-inch, 50c each; 10-inch, \$2.00 to \$2.50; 12-inch, \$3.00 to \$3.50 each; Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2 1/2-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

Dish ferns, 2 1/4-inch, \$3.50 per 100; \$30.00 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

FUCHSIAS—Now is the time to buy and pot up for spring sales, 2 1/4-inch pots: The new dwarf, free flowering florists' fuchsias: Little Beauty, Lord Byron, Tenor, Ernest Renan and White Beauty. Literally hide the plant with bloom, \$4.00 per 100.

STANDARD VARIETIES Fuchsias, 2 1/4-inch pots: Black Prince, Madame Vander Strass, Phenomenal, Speciosa, \$3.50 per 100. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
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Fuchsias, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fuchsias, 30 varieties, 2 1/4-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS.

GERANIUMS—G. & R. Quality, 2 1/4-inch pots. Now is the time to buy and pot up for spring sales; \$3.50 per 100; \$30 per 1,000: Ricard, Poltevine, Harcourt, Viad, Favorite, Castellane, Nutt.

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THE GOOD & REESE COMPANY,
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ROOTED GERANIUM CUTTINGS. The following "SUPERB BEDDERS": S. A. Nutt, dark red; Paul Brunt, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, 2 and 2 1/4-inch pots of Ricard, Beute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, standard varieties, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Geraniums, Nutt. Presilly, Ricard, Jean Viad, Poitevine, Gen. Grant, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

ROSE GERANIUMS, 2½-inch, \$2 per 100. Cash. Geo. B. Morrell, Torresdale St., Philadelphia, Pa.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best crowns, own growing: Foliage oval shaped, \$8 per 1,000. A longish shape, \$6 per 1,000. Solomon's Seal, giganteum, \$8 per 1,000. Solomon's Seal, macrophyllum, \$9 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the Valley. Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MISCELLANEOUS.

Alternantheras, lemon verbenas, swainsona, ageratum, parlor ivy, Senecio argenteus, alyssum, coleus, salvia, cupheas, lantanas, 2-in., \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, salvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GLADIOLUS.

GLADIOLI—Try G. & R. world-famous gladioli, the kind that sets everybody talking. 1st size, \$1.25 per 100; \$10 per 1,000: America, Annie Wigman, Augusta, Baron Joseph Hulot, Halley, Lily Lehman, Mrs. Francis King, Pink Beauty, Princeps. Send for complete list of gladioli.

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THE GOOD & REESE COMPANY.
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Bulbs, Mrs. Francis King, Augusta, America, Chicago White Florist XXX Mixed. Write for prices and samples. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA ARBORESCENS or Hills of Snow, hardy for garden or fine to force. Select field-grown plants, \$1.25 per doz.; \$8.00 per 100; \$75 per 1,000; extra select field-grown plants, \$1.50 per doz.; \$10 per 100; \$90 per 1,000.

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY.
The Largest Rose Growers in the World,
SPRINGFIELD, OHIO.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS—6 best varieties, a fine assortment of colors, 2½-inch pots, \$3 per 100; \$25 per 1,000. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY.
The Largest Rose Growers in the World,
SPRINGFIELD, OHIO.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Bel, made-up, 8-in., 36-in., \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms, For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Vetchii, 4-inch, 35c each; 5-inch, 50c; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies Sinensis in 24 best named varieties, \$40 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

PEONIES and Gladioli; home grown and imported. L. F. Dintelman, State St., Belleville, Ill.

Peonies, Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, dbl. and single, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, dbl., single fringed, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

PRIMULAS.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

GRAFTED ROSE PLANTS.

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

Russell	100	1,000
Rhea Reid	14.00	120.00
Hoosier Beauty	14.00	120.00
Pink Killarney	12.00	110.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

Sunburst	\$7.00	\$60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers. BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

ROSES.

ROSE PLANTS—Choice 2½-inch Grafted and 2½-inch Own Root Plants for March delivery: 2½-inch 2½-inch Grafted Own Root Per 1,000 Per 1,000

Russell	120	none
Killarney	100	\$56.70
White Killarney	100	56.70
Killarney Brilliant	100	56.70
Ward	100	56.70
Milady	100	56.70
Opheia	100	56.70
Richmond	100	56.70
Hoosier Beauty	105	63.00
Hadley	105	63.00
Cecile Brunner	100	56.70
Mar gar (special only)	100	56.70
Francis Scott Key	110	63.00
Pire Flame	100	56.70
Lady Alice Stanley	120	73.50

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am, Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now.
GEORGE REINBERG,
162 North Wabash Avenue, Chicago, Ill.

Roses, on canina: Mrs. Andrew Carnegie, \$6 per 100; Edward Mawley, \$5; Mrs. Herbert Stevens, \$6; Louise Catherine de Breslau, \$6; Mme. Edouard Herriot, \$7; Marie Adelaide Grand Duchess de Luxembourg, \$6; Rayon d'Or, \$4.50; Sunburst, \$5; Willowmere, \$6. Standards: Mme. E. Herriot, \$24 per 100. R. Van Der Schoot & Son, Hillegom, Holland.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering. December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Rose plants, 2½-inch: Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Opheia, \$5 per 100; \$45 per 1,000. American Beauty, \$4.50 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Two-year-old American Beauty Bench plants, well ripened and ready for immediate shipment. We have 30 thousand to offer. Cash with order please. ALBERT F. AMLING CO., Maywood, Ill.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose Prima Donna, \$15 per 100; \$125 per 1,000. Guttman & Raynor, Inc., 101 W. 28th St., New York.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

Roses, grafted. All the best new ones. Vaughan's Seed Store, Chicago and New York. Roses in both grafted and own root. The E. G. Hill Co., Richmond, Ind.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

Flower seeds: Abutilon, ageratum, Alyssum, Aster, begonia, candytuft, Celosia, Centaurea, Cineraria, Cobaea scandens, dracæna, grevillea, grass, heliotrope, impatiens, Ipomœa, lobelia, maurandia, Mignonette, Musa eset, Nierembergia frutescens, petunias, pyrethrum, Salvia splendens, smilax, solanum, thunbergia, Toronia Fournieri, Verbenas, Vinca. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ½ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracaena indivisa, \$2 per pound, California. Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, acacia Baileyana, A. Floribunda, A. longifolia and A. latifolia, \$1 per lb. George H. Hopkins, Eagle Rock Sta., Los Angeles, Calif.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds, watermelon. D. H. Gilbert, Monticello, Fla.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SHAMROCKS.

Shamrocks. 1-in. and 2-in. plants, \$3 per 100; \$25 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

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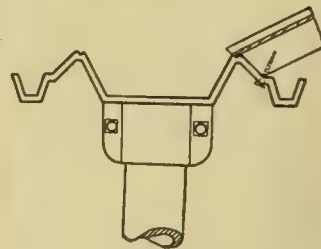
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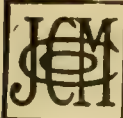
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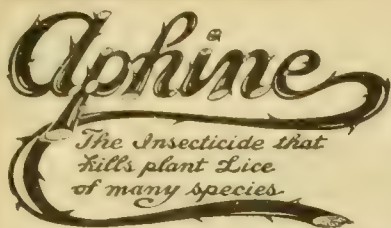
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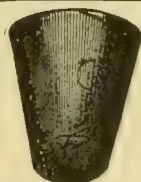
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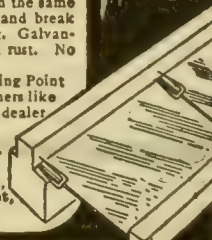
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CHICAGO AND NEW YORK, FEBRUARY 5, 1916.

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**SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS.**

OFFICERS—DANIEL MACROBIE, San Francisco,
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Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
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JAMES MOSS.

Johnsville, Pa., Jan. 24, 1916.

SUGGESTIONS FOR PLANT GROWERS.

Sweet Peas.

A bed or bench of sweet peas sown at this time will produce a nice crop of flowers in spring when the winter blooming plants are nearly through flowering and the blooms beginning to grow small and before any outside can be had. The newer Spencers make splendid varieties to plant at this time, and while they will not bloom as early as the winter blooming varieties, yet will flower before the warm summer weather, and the beautifully formed flowers make a welcome change. Select a bench with plenty of head room, for these easily grow to a height of six or eight feet under favorable conditions. The seed can be sown six inches apart in rows, with about three feet between rows, and lightly covered. It is just as well to sow two or three seeds together and when they begin to grow, thin out to one plant. The beds must be watered sparingly until the plants are large enough to twine on the supports, for they damp off easily even when five or six inches high if overwatered. As soon as the tendrils on the vines appear provide some support for them to twine upon and keep the plants growing erect throughout their culture or crooked stems and worthless flowers will be the result. A cool house is far better for these plants than one having a warm temperature. Aphis is often troublesome in growing sweet peas and a spray is far better with these plants than fumigation.

Chrysanthemum Stock.

This is the time to look over the chrysanthemum stock to see how the cuttings are breaking. There may be some varieties that are not throwing as many cuttings as they should or some that are not in good health and there are yet some growers that have stock plants for sale, so where from either cause it looks as if the supply might not be sufficient, new stock should be purchased at once. Where the stock plants are in good health but there are not enough to furnish the requisite number of cuttings, the early

cuttings may be taken and rooted and these grown in flats until it is time to propagate the plants for blooming, and cuttings made from these. There are also some varieties of which good cuttings can be procured at this time, but after the first growths are removed do not break satisfactorily. These should surely be taken now and grown on in flats. Notable as one of this class is Miss Virginia Poehlmann, and some varieties, such as President Roosevelt, are short-jointed and slow in their growth, so early cuttings are preferred. It is a good time now to look the stock over and be sure of good plants and enough of them for another season.

Stocks.

The demand for flowers at Memorial day is in many cases for bunches or sprays to lay upon the graves of the departed relatives and friends, and as much show as can be made is often the object, therefore the grower must have a quantity of what are called the cheaper flowers and stocks are one of the best at this time, for they are large and prominent, make up well in bouquets or sprays, and are quickly and easily grown. The seed should be sown by February 1 to be sure to have them in flower by the end of May. The seed germinates quickly and as soon as large enough should be potted. Many grow them in flats but to have them early, pot culture is better, for they do not receive such a severe shock when transplanted in the benches. The planting in the benches should be done in the month of March and the plants can be grown in two ways, to the single spike which will produce a much larger, handsome bloom, or to eight or ten lateral spikes. The former method allows of planting from three to four inches apart, while in the latter the plants should be set eight to nine inches each way. Growing the latter way, that is to eight or ten spikes, is the culture most often practiced, and in order to cause the plant to branch, as soon as the terminal flower forms it is rubbed out, and the laterals will grow at once. To

have these laterals in bloom for Memorial day the terminal bud should show by the last of April, which will allow about four weeks for the growth of the laterals and the finishing of the bloom. Constant fumigation will be necessary to keep the plants clean of aphids, which very rapidly accumulate on the succulent growth unless kept in check.

Hydrangeas.

The plants of hydrangeas that are to be in bloom for Easter should be started at once, for it is much better to grow them along slowly than to wait and bring them in later and force them much harder. This will give the plants more natural conditions and they will finish with shorter-jointed growths, being not nearly so tall, and well furnished with large heavy foliage completely covering the stems. The plants started at this time should be first placed in a greenhouse having a night temperature of 40 to 45 degrees and if the buds and stems look very dry, frequent syringings of the branches will quickly make the buds fill up. After the first leaves are fully formed the plants can be moved into a warmer house and they should come along nicely for Easter—a house with carnation temperature should bring them in bloom by that time, but if the buds are not well set early in March a still warmer temperature will be required. If grown in a warm temperature keep a sharp lookout for red spiders, which gather on the blooms and quickly ruin them.

Hybrid Roses.

Well grown plants of hybrid perpetual roses are always good property at Easter and they are very easily brought into bloom when the date of that festival is in April. Pot grown stock is surer of the best results, but dormant stock of many varieties will produce nice plants if properly handled. The plants should be cut back to two eyes on each growth and started in a cool house, one with a night temperature of 40 to 45 degrees being preferred, from the first to the twentieth of January. Frequent syringings will swell the wood and cause the breaks to open evenly. When the buds form, the plants should be watered with liquid manure at least once a week. They will probably not have to be carried to a warmer house, but if it is found they are not going to be in bloom in time a little warmer temperature will hurry them along. There are a few varieties that make fine pot plants, those most generally known being Magna Charta, Mme. Gabriel Luizet and Frau Karl Druschki.

MASSILLON, O.—Chas. Hansen has entered into a partnership with Leo. F. Heitger, 10 Park row.

UTICA, N. Y.—Otto H. Selke, florist, has filed a petition in bankruptcy; liabilities, \$751, and assets, \$295.

ALBANY, GA.—This city has been chosen as the place of meeting of the summer session of the Georgia State Horticultural Society.

DES MOINES, IA.—Exhibitors in the floral department of the Iowa state fair are demanding that the fair association provide a better building for the display of prize flowers and plants. A committee representing the exhibitors has been appointed to meet with the board of agriculture at the March meeting.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Boost Valentine's Day.

The importance of Christmas and Easter as floral holidays comes as second nature to the florist—he knows there will be a very large demand on these occasions and plans for it months ahead, so that when the weeks and weeks roll by and finally the eager buyers appear, everything is ready for them and a splendid business is the reward.



St. Valentine's Day Hamper.
Filled with Pink Roses and Sweet Peas.



St. Valentine's Day Corsage Bouquet.
Violets and Elgar Roses With Cupids on Ribbon.

While Valentine's day may never reach or become as important a factor to the florist as Christmas or Easter, it should receive very serious consideration. Enterprising, up to date men are impressed with its importance, but to most retailers it is just a busy day. Sentiment is the key note of this "Lovers' day. Nothing carries sentiment, or is so appropriate for the purpose, as flowers. So with this fact before them the trade should get together and boost the business of this day and make it one of the greatest floral holidays. There are many acknowledged good things which are passed by unnoticed, because attention is not called to them. Let this not be the case with

Valentine's day this year. Make a noise about it; arrange to have the stock, then advertise; wide awake members of the trade in a community should get together and use papers collectively or if not advertise individually; circularize your trade; make your windows do double duty; be prepared for a large trade and it will come to you.

The accompanying illustrations are of a few arrangements appropriate to the day. The heart-shaped basket made quite a hit last season when nicely filled and decorated with arrows, ribbons, heart-shaped motto cards and cupids. There is no question but it belongs to the day. The heart-shaped hamper is also very appropriate, but no illustration can do it justice, as it must be seen on all sides to get the proper effect. The small, outline hearts, made of red Japanese frieze, trimmed with silvered burrs and ruscus, red ribbon, with heart cupids, is a very pretty novelty, suitable for the windows of the limousine or for milady's bureau or writing desk. When the hearts are gilt or silvered, they are decorated with natural flowers and cupid ribbons and make a pretty valentine that can be mailed in an appropriate box to carry quite a distance.

The corsage bouquet of violets, sweet peas, miniature roses, orchids, lily of the valley, pansies, etc., should all have the valentine touch, with the appropriate cupid or heart-shaped motto cards attached to the ribbons. The special heart-shaped box for the delivery of the corsage is very necessary.

These are but a few of the many forms and arrangements that will be found appropriate and effective. Plants in flower make acceptable valentines when in fancy jars or pot covers or nicely papered with crepe or white proper with an inside layer the color of the flower, and tied with a "valentined" ribbon.

To make a success of Valentine's day, the florist must believe in it; he must be awake to its importance; he must be prepared with a good stock of cut-flowers and accessories and full of enthusiasm for everything that will tend to make it one of the important floral days of the year. K.

Niagara Preservation Difficulties.

The Legislative Water Power Investigating Committee, which just now is looking into the possibilities of developing 2,000,000 more horse power of electric energy at Niagara Falls, had a stormy session at the Hotel Biltmore December 22. J. Horace McFarland of Harrisburg, Pa., president of the American Civic Association, appeared as a witness and vigorously opposed the plan on the ground that it would involve the destruction of all the scenic beauty of the falls.

After a series of tilts with Senator George F. Thompson of Niagara, chairman of the committee, Mr. McFarland openly charged that Senator Thompson and the committee were not after facts, but were looking for testimony which could be distorted into an excuse for a development that would be of vast local importance to the city of Niagara Falls at the expense of the state and nation.

Mr. McFarland in turn was questioned sharply regarding his own interest and the interest of the American Civic Association in the preservation of the scenery at Niagara. In the course of this examination members of the committee more than suggested



St. Valentine's Day Heart Shaped Basket.
Roses and Mignonette.

that the association was composed of, and maintained by, persons who were chiefly interested in leaving the present power monopoly at Niagara Falls undisturbed by competition.

"You are planning to kill a goose that has been laying golden eggs for the state of New York," said Mr. McFarland after he had filed his formal protests against the plan to divert more of Niagara's water for power purposes. "The scenic beauty of Niagara is worth \$25,000,000 a year to this State in the money spent by tourists from all parts of the world, who come to view the glory of the falls. Niagara as a spectacle will produce more revenue than it possibly could as a producer of power. There is available at the outside 1,000,000 additional horse power, which would mean a gross revenue of \$12,500,000 a year. You will not contest that statement."

"I will, absolutely," retorted Senator Thompson. "There is five times that amount of power available. The value of the power that should be developed from Niagara is nearer \$1,000,000,000."

"You are not after facts. You are here to create testimony which can be utilized as a basis for a development that will benefit Niagara Falls locally," said the witness angrily after Senator Thompson had shut him off from making a statement that he desired to make.

Mr. McFarland insisted that to develop 2,000,000 horse power more at Niagara it would be necessary to divert 105,000 cubic feet a second, or half the complete volume of water which at present is running over the crest of the ledge.

"If you do that there will be no American falls left," said the witness hotly. "And besides, the beauty of the falls is not in the height of the sheer drop, it is in the volume of water. More than half of all the fresh water in the entire world is tumbling down that precipice."

"I will contest that statement," said Senator Thompson, and President McFarland replied that with less than four per cent of the total volume of water in the cataracts at Niagara running through the channel on the American side, it was clear that diverting one-half of that volume would dry up

the American falls. Senator Thompson said he would not permit any such statement to go on the record.

"Ah, you are afraid!" cried the witness as he was interrupted and called to order brusquely by Senator Thompson.

"I am chairman of the committee," the Senator said. "I am not going to put on the record testimony manufactured in the offices of certain power companies who are not willing to base their conclusions on real facts. You are supposed to be an expert on scenery, but not along the lines of the testimony you are attempting to give now."

"Then I want to be put on record as refusing to answer any further fool questions—especially as the chairman is attempting to dictate the answers."



St. Valentine's Day Token.
Gilded Heart of Japanese Frieze with Sweetheart
Roses and Lily of the Valley.

You can't take half the water out of Niagara Falls without drying up the American falls. They are partly dry now," said the witness, with acerbity.

"Well," replied Senator Thompson, in a similar tone, "Niagara Falls is Exhibit A in this inquiry and will always be on tap to prove or disprove your assertions."

President McFarland said that, when he visited the Falls about five or six weeks ago, he had found the scenery less impressive than it had been on his earlier visits. He was asked to give an estimate in figures to define the shrinkage in the volume of water and the decline in scenic beauty.

"You cannot put your love for your wife into figures," said Mr. McFarland, archly. "I found the Bridal Veil considerably thinner than it had been on former visits. I found dry spots on the crest of the American falls. From 300 to 500 feet was so dry that you

could have walked over it. Fifty-two thousand cubic feet per second are diverted now—almost 25 per cent of the total volume that once flowed over the ledges. You get an idea of the volume diverted when you stand on the Iron Bridge and watch, below, the exhaust from the power plants on either side. It would be an insult to your intelligence to suggest that all that water could be taken out without reducing the scenic beauty of Niagara."

The witness said that Canada had "four-flushed" the United States when the treaty was made and that the Province of Ontario was the chief beneficiary from what the witness insisted on calling "the wanton destruction of Niagara."

"You cannot have Niagara as a scenic spectacle and as a producer of power at the same time," Mr. McFarland said.

It was Assemblyman Simon P. Quick of Broome county who brought the disinterestedness of Mr. McFarland and of the American Civic Association into question.

"If you are going to charge me with ulterior motives get right to it," said the witness. Then he told how the American Civic Association, now composed of 2,500 members, had been financed out of his own purse, and how the association had ended with being \$4,000 in his debt. And he said that was before Niagara power projects became a matter of contention. The witness admitted he had been active in aid of the Burton bill, enacted by congress in 1906, which members of the committee insisted was a "grab" measure in favor of monopolistic power concerns at Niagara Falls.

"We would like to have you furnish the committee with a list of your members," said Vice Chairman William S. Coffey of the committee. "We have heard rumors up-state that a great many of your members were interested in power companies which were anxious to keep competition away from Niagara."

"I have been treated as a horse thief and a liar," retorted Mr. McFarland, with a show of anger. "You have imputed all sorts of yellow motives to



St. Valentine's Day Token.
Red Japanese Frieze Heart With Silvered Burrs,
Ruscus, Red Ribbon and Cupids.

me. All the rumors you have heard are the sheerest babble and nonsense, and I challenge you to disclose their source."

"Well, we are going to the bottom of your deep interest in this matter," shouted Assemblyman Quick as a parting shot.

Under the treaty, which since has expired, 56,000 cubic feet per second could have been diverted from Niagara. About 52,000 cubic feet have actually been diverted. It has been testified by experts before the committee that the crest of the falls is about five-eighths of an inch below its earlier level as a result of the volume diverted at present.

On this basis fully 32,000 cubic feet more, it is estimated, could be taken out and the crest would be lowered only an inch. The water on the crest is said to be some eighteen feet deep at the Horseshoe Falls on the Canadian side and about eighteen inches on the American side.—New York Times, December 23.

American Carnation Society Exhibition.

NOTES ON NOVELTIES.

The most notable feature of the twenty-fifth annual exhibition of the American Carnation Society, held at St. Louis, Mo., January 26-27, was the large number of new seedlings shown—not since the society held its exhibition in Pittsburgh in 1910 have so many seedlings of such high quality been displayed.

F. Dorner & Sons Co., Lafayette, Ind., had the largest number of seedlings on exhibition, some of them being remarkable improvements over existing standard varieties of the same color. Rosalia, in color and the general appearance of the flower is a greatly improved Rosette; it has fine stem, and the vase of blooms which won first in the class of 100 dark pink was one of the best exhibits at the show. Seedling No. 113-11 has the makeup of being a good commercial crimson; the flower is not of great size, but is well formed and is carried erect on stiff stems, and the vase of 100 blooms made a fine showing. Old Gold, as the name implies, is a deep golden yellow with crimson markings. It is a very showy fancy variety of good form and fine stem. Seedling No. 125 (11), flesh pink, looks to be one of Dorner's best achievements, a wonder in size, form and substance. It is as large as Pink Sensation, but with a fuller center and looks in every way to be one of the coming big varieties. Seedling No. 148-09, also a flesh pink, shading to salmon, is another beauty of fine form, good substance and strong, stiff stem. Besides the foregoing seedlings, F. Dorner & Sons Co. exhibited a vase of 100 blooms of the variety, Nancy, the light pink novelty which they are disseminating this year. It was awarded the Dorner Memorial Medal and the Fred Burki special premium for the vase of carnations holding in best condition to the end of the exhibition—a remarkable record.

Seedling No. 16 (12), crimson of fine form, large size, stiff stem—a very promising crimson variety—was exhibited by S. J. Goddard, Framingham, Mass. His exhibits of standard varieties are also worthy of special mention, all of his blooms averaging a very high grade of quality, especially his vases of Rosette, Good Cheer,

Beacon, Yellow Prince and Pink Sensation.

Cottage Gardens Co., Queens, N. Y., was awarded the A. C. S. gold medal for Crystal White, a wonderful white carnation. It has size, stiff, strong stem, pure white color and lots of substance and is fine in form. It is altogether a magnificent variety and scored 90 points. Cottage Maid, color, flesh pink, was another fine variety staged by the Cottage Gardens Co. The vase of 100 blooms of this variety was a big attraction, both for the florists and the visiting public. First prize vases of Matchless and Mrs. C. W. Ward were other fine exhibits from the Cottage Gardens Co.

Seedling No. 360, deep pink, shown by A. Roper, Tewksbury, Mass., is on the order of Good Cheer, but deeper in color; a very striking variety with strong, stiff stems. He also had vases of fine blooms of Alice Roper and Commonwealth, two good light pink varieties.

Bassett & Washburn, Chicago, again won the S. A. F. silver medal with their premier red carnation, Belle Washburn, also the A. C. S. silver medal with the same variety. This fine carnation has won the favor of the growers and will be planted in large numbers for next season. The cuttings are having a big sale.

Arawana is a crimson variety of good form, color, size and substance, with long stiff stems. It was exhibited by A. N. Pierson, Inc., Cromwell, Conn., and is to be sent out in 1917.

Laura Weber, color of Enchantress Supreme, was awarded the S. A. F. bronze medal. It is a big, bold flower of fine form and color and carried on stiff stems. This variety, together with Peace, a large white of irregular form, was exhibited by Guttman & Raynor, Inc., New York.

Seedling No. 1 (12) exhibited by the floricultural department, University of Illinois, Urbana, was one of the big attractions of the exhibition. It is a big, bold, light pink variety of fine form, good calyx and lots of substance. A nice feature of this exhibit was the half open buds exhibited with the flowers.

The variety, Nebraska, was not shown in the general competition, but a fine display was made of it arranged as a table decoration by one of the local retail florists.

Aviator, the commercial red, and Superb, a fine, salmon pink variety, was exhibited by J. D. Thompson Carnation Co., Joliet, Ill. Aviator is one of the brightest red or scarlet carnations, and Superb is a fine formed light pink carried on long stiff stems.

Anton Then's red seedling, No. 701, suffered in comparison to the vase he exhibited at the Chicago fall show. It was in great shape there and we expect to see it so again.

Mount Greenwood Cemetery Association, Morgan Park, Chicago, won first in the class of 100 red or scarlet with seedling No. 24-12-A. A fine commercial red that has been a steady producer during November, December and January when the prices have been high. Seedling No. 1-12-B, deep pink; Seedling No. 39-12-A, deep pink; Seedling No. 31-12-A, crimson, and Seedling No. 140-09-A were other good ones on exhibition from Mount Greenwood.

The E. G. Hill Company, Richmond, Ind., exhibited Alice Coombs, Matchless, Good Cheer, Champion, Mrs. C.

W. Ward and Pocahontas in fine shape. This firm also had a fine display of the yellow rose, Tipperary, and Tip Top or Baby Doll, the miniature rose.

Baur & Steinkamp, Indianapolis, Ind., set their crimson variety Pocahontas up another notch or two; their vase of 100 blooms was one of the best exhibits of this color the writer has ever seen.

The variety Enchantress was shown in better shape at this exhibition than it has been at the last two or three A. C. S. shows; the 50 blooms shown by the Alton Floral Co., Alton, Ill., and those by the M. F. Widmer Floral Co., Highland, Ill., were very fine and worthy of special mention.

Miss Theo, a rose pink variety, appears to be a very promising commercial variety. It has good color, form, calyx and stem. It was shown by Littlefield & Wyman, North Abington, Mass.

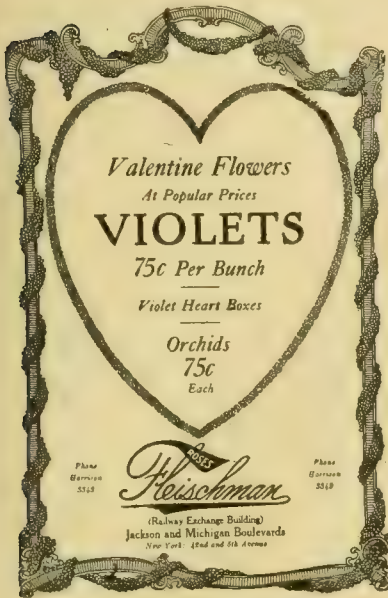
When we come to sum up the varieties generally on exhibition, we note the falling away of the varieties Pink Delight, Gloriosa, Rose Pink Enchantress, Victory, The Herald, Philadelphia, Rosette and all of the Lawson family, and the prominent varieties we find to be Mrs. C. W. Ward, White Wonder, Matchless, Good Cheer, Pocahontas, Champion, White Enchantress, Enchantress Supreme, Enchantress, Alice, Benora and Yellow Prince.

The miscellaneous displays at this exhibition did not form so prominent a part as in other years, but there were some that were worthy of special mention. W. A. Manda, South Orange, N. J., staged some grand flowers of cattleyas; also samples of Anthericum Mandianum, Dracaena Rothianum, Selaginella Mandianum and Polypodium Mandianum. J. A. Peterson & Sons, Cincinnati, Ohio, had their usual fine display of begonias and pandanus. Baartman & Koning, Sassenheim, Holland, staged a pink tulip, named, Prosperity, a fine color for cut flower trade. Fred H. Lemon & Co., Richmond, Ind., staged Primula malacoides rosea, a very fine color of this variety of primulas. The collection of colored freesias from Alois Frey, Crown Point, Ind., attracted much attention from the growers present.

C. W. JOHNSON.

St. Louis Banquet to Carnation Men.

The banquet was held in the Planters Hotel, Thursday evening, January 27, about 100 people being present. J. F. Ammann, of Edwardsville, president-elect of the American Carnation Society, acted as toastmaster and the principal speakers of the evening were George Asmus, Chicago, chairman of the National Flower Show committee; Joseph H. Hill, Richmond, Ind., president, and W. J. Vesey, Jr., Ft. Wayne, vice-president elect of the American Carnation Society. Wm. R. Nicholson, of Boston, Mass., and R. C. Kerr, Houston, Tex., vice-president of the Society of American Florists, also gave an interesting talk and the toastmaster then thanked the members of the St. Louis Florists' Club and all the other local people for their untiring efforts which had much to do with making the exhibition such a great success and the members' visit such a pleasant one. Owing to the late hour only the speakers mentioned above were called upon. The banquet was a delightful affair and there was



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"The House of Flowers."
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Handsome heart-shaped handle baskets in gilded bark or silver-plated metal, containing a bouquet of flowers, and a card with a love message. Price from \$1.00 to \$5.00 each.

Pink and Yellow Sweet-Heart Roses, 50c a Dozen

Growing plants in handsome terracotta with fancy heart-shaped handle attachments, resembling baskets of flowers in shape and color. Price from \$1.00 to \$5.00 each.

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fresh, fragrant, beautiful. Your Valentine will surely be remembered if it comes from us.

Talk with us about original and dignified ways to send flowers for Valentine's Day. We have a large stock of flowers, and all sorts of Valentine novelties, and we will be glad to help you select the perfect gift.

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VALENTINES
Best Violets
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Arranged in Corsages, in heart shape boxes without extra charge.

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ROSES, VIOLETS, LILIES OF THE VALLEY, HEART CORSAGES, FANCY BASKETS

ALL PRICES GUARANTEED

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Dainty Cupid Baskets, filled with pretty spring flowers and violets. Delivered in attractive heart boxes.

At \$2 Each

Colonial Bouquets, arranged in attractive heart boxes—at \$1.50 \$2 \$3 EACH

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Send "Her" Flowers on St. Valentine's Day

Nothing talks to the feminine heart like Flowers and music. Send the Flowers and the music will follow "as the night the day."

Send "Her" a basket or a box of the kind she loves; you cannot make a mistake, for she is bound to love the kind "You" send her.

The Florists of Minneapolis—all duly appointed Representatives of His Highness Dan Cupid—stand ready to convey to "Her" Love's Message in Flowers—fresh and fragrant on St. Valentine's morn.

Send "Her" Flowers

Floral Valentines
Phone your order and we will see that it is filled with our usual good taste.

Paterson Flower Shop
2050 WOODWARD AVE.
PHONE NORTH 31

Detroit Floral Co.
747 Woodward Ave.
We deliver to any part of All St. Valentine's delivery ent Sunday Morning

Phone Us Grand 1890

FLOWERS as VALENTINES
B. SCHROETER
56 Broadway
Phone Main 414

an artistically arranged vase of carnations on each table. The orchestra rendered splendid music and all those present joined in singing several of the songs, starting off with America. Fred H. Lemon then presented the report of the committee on final resolutions.

FINAL RESOLUTIONS.

Mr. President, your committee on final resolutions begs leave to report as follows:

We believe that we express the opinion of all of the visiting members of this society when we say that this convention is notable for the quiet efficiency with which all the arrangements have been carried out.

We thoroughly appreciate the efforts of the local committees in charge. We particularly wish to express our approval of the tireless activity of our fellow member, president-elect, J. F. Ammann. The visit to the wonderful Botanical Gardens is an experience long to be remembered. We wish to voice our unqualified approval of the arrangement which keeps all features of the convention in one thoroughly modern hotel. We have been impressed with the spirit of hospitality of the St. Louis florists and this same spirit has been reflected by the hotel management.

We desire to thank the exhibitors in competitive classes, especially those brave men from New England who are the backbone of this society.

We also appreciate the exhibits which have been made at this convention by florists not directly interested in the carnation. These exhibits help greatly in adding interest to the public. We desire to thank our efficient officers. We also wish to take occasion to approve of the arrangements which brought to us the experimentors from the Illinois State University. Work on this line is of very great practical value and we look forward to a continuation of these reports next year.

Again thanking the local members of our trade for their cordial hospitality.

Signed FRED H. LEMON,
ROBERT MONTGOMERY,
ALEX. J. GUTTMAN.
Committee.

Charles H. Totty's New Roses.

Though there are already a number of very good roses in the trade, new and good ones should continue to interest both the trade and the public. With the many varieties that we have, it is unnecessary to enlarge on the shortage that has been seriously felt throughout this winter, neither need any apology be offered for calling attention to new and promising varieties. There are few earthly things, roses included, that are perfect, and we look forward to the day when a better rose will be placed on the market than any that have yet been brought out. As the agent in this country for the productions of the famous Dicksons, Charles H. Totty, Madison, N. J., is one of the men, who aside from financial considerations, which however cannot be entirely ignored, is trying to bring the rose nearer to perfection.

Calling recently at the Totty range, we had an opportunity to observe a number of his newest productions, the rose, Cleveland, being a very important one. It will be recalled that this rose was named by popular vote at the great Cleveland flower show, held not long ago. It is very promising and fits the descriptions of it that have been written from time to time.

Prince Charming seems to be a rose that will become popular for bedding. It makes vigorous, branching growths, has very attractive foliage and is a free bloomer. The flowers are of medium size, the buds well formed and the color described as "deep reddish copper, with old gold base."

Nellie Parker is another rose that it seems should be popular. It is a vigorous grower, the foliage is attractive and the color of the flowers a "pale creamy white, with deeper cream center." This rose is considered by experts to be an exceptionally fine production.

Gorgeous, a Dickson rose, is said by the originator to be the "most striking rose in existence," and many will agree with him. Floral artists, who must be good judges of color, grow enthusiastic over it. This rose is a decided novelty.

The New York Tribune of January

30 had a page of fine illustrations of what it terms, "Advance styles for 1916 blooms." Prominent were Gorgeous and Ulster Gem, both of which will be sent out by Mr. Totty in May. The chrysanthemum, Mrs. Gibson, which the Tribune calls a "phenomenon", is also given a prominent place on the page, and there is a cluster of the new pompon, Nippon, which is very attractive. All these, and many others, may be found in his catalogue for 1916.

Rose grafting has been very successfully carried on at this range this season, there being now about 120,000 grafted plants. In addition to the new productions previously mentioned, there is a good stock of Hoosier Beauty, Ophelia and other popular roses, that are now well known to the trade. About 200,000 chrysanthemums have been propagated and potted off and the work is yet going on, and likewise the propagation of roses.

A. F. F.

School Gardens.

Paper by Mrs. Albert M. Herr, Lancaster, Pa., presented at the annual meeting of the Ladies' Society of American Florists, San Francisco, Calif., August 18, 1915.

A school garden has been defined as a plot or section of ground where children may be taught how to care for growing plants. This plot or section is not necessarily a part of the school, but may be in the form of the public garden or playground, or even in the home yard or garden. Frederick Froebel, the founder of the kindergarten, says, "It is of the utmost importance that children should acquire the habit of cultivating a plot of ground long before the school life begins. Nowhere as in the vegetable kingdom can his actions be so clearly traced by him, entering in as a link in the chain of cause and effect."

Children will take an active interest in anything which they can watch develop. The planting of seeds takes on a new mystery when the seed is "mine", and great is the joy when the first tiny green leaves appear. It is necessary that the child be taught that the proper care must be given to the little seedling as well as to the larger plant and that this care must



AMERICAN CARNATION SOCIETY AT SHAW'S GARDEN, ST. LOUIS, MO., JANUARY 27.

be exercised continuously. What is more disappointing than to have a fine lot of plants in good condition, and by forgetting the necessary drink of water, to find them looking as if they were dead? Here is where the school garden steps in and the child is taught to till the ground, plant the seed, watch against enemies of all kinds, and to give the plants the proper amount of water and sunshine.

In many places, especially in large cities, there is not sufficient available space to give even a small plot to every one who applies, but in nearly every school yard there is a portion covered with grass. Here many lessons of responsibility, care of public property, etc., can be taught by allowing the children to look after this spot of green, keeping it free from paper and weeds and where there are flowers, keeping them in good growing condition. I know of no better place to teach a child "property rights" than right in the garden. If this lesson were impressed on a child from the time he is wanting to take or use everything in sight, regardless of ownership, when he comes where there are other children that have equal rights there will not be the constant harassing of others. In a garden in which each child or set of children, can have a plot, this cannot be too strongly emphasized, for what child though careful or careless, will not resent, and justly too, the injuring of his plants in any way?

If you members of the Ladies' Society of American Florists are living in a town in which you do not have school gardens, "Get out and push." Get the parent-teachers' association, the civic club, or any other club that is interested in child welfare, at work, and have these gardens. Too much cannot be said about the help which they give the children and the idle ground is made to "blossom like a rose" instead of producing the usual crop of weeds.

In my home town, Lancaster, Pa., the first garden was started by the principal of a public school, and she has practically reformed the neighborhood in which this school is situated. The school was built on the edge of a public dumping ground. A fine large building with an unusual amount of ground space. The teacher started by beautifying the lawn. The children became so enthusiastic, they got the fathers to hunt up the proper authorities and have the dump closed. At the back of the building some ground was procured and a tennis court and baseball diamond were laid out, for this teacher believes that "all work and no play makes Jack a dull boy." The remainder was laid out in sections and the children of the higher grades were given an opportunity to have vegetable gardens as well as flower gardens. Now this school, which stood for two months stark and bare on the edge of a dump, is the whole year round, a source of beauty and joy, not only to the children, but to the whole neighborhood and the passerby.

Since this fine example has been set, public gardens have been open in four sections of the city; in which for the sum of five cents any boy or girl can rent a small plot on which can be raised plants according to the individual taste. How the children enjoy these gardens, the work, and the



CHURCH DECORATION.

By Art Floral Co., San Francisco, Calif.

chance of showing them off! What splendid opportunity to get in close touch with nature! Here the lessons of neatness, neighborly kindness, helpfulness, fair play and the love of labor are the more firmly impressed because of the spirit of recreation which enters into all the work.

May I appeal to you, florists, florists' wives, daughters and mothers to become interested in this work and help put it in practice in your home town? This will not be wasted energy; for every garden opened will be the means of keeping many uncared for children off the streets and teaching them clean living. The florist clubs can assist you very much to carry out this movement. The Lancaster Florist Club gives nearly all the seeds used in our public gardens. Each year they make a liberal donation of both flower and vegetable seeds to the persons having the work in charge. We cannot afford to look only on the dollar and cents side of our trade, but if we can implant in the hearts of the boys and girls the love of plants and flowers, it will eventually make returns to some florist, and what helps one is, in nearly every case, of benefit to the trade at large.

In one of the trade papers, I saw the following and treasured it, never expecting to use it in a talk to our society, but hoped at some future time

to use it in the parent-teachers' association work; however, I pass it along and hope it will help you in some way if you become interested in the work.

"A prize has been announced by the Home Yard and Garden Association of Bridgeport, Conn. This prize will go to the person making the best development of a flower garden, or porch, the small garden will have as good a chance as the large one, or even a porch development may win it, if the person competing has no place to plant but a porch."

The aim of the movement is to get everybody to plant something, however small the space may be. There is nothing so conducive of live interest as a prize for the reward of competition. While many persons will beautify their properties for the love of the beautiful, it usually takes more than that to beautify a town.

If I have been instrumental in inducing at least one person to undertake this work, it will be well worth the effort of trying to comply with the president's wishes in sending you this talk. Mr. Benjamin Hammond of the S. A. F. & O. H. has for a long time been interested in school gardens and to those members who will undertake the spread of the work I would recommend consulting him.

MRS. ALBERT M. HERR.

New York Florists' Banquet.

The first annual dinner of the Associated Retail Florists and the Greek-American Florists' Association of New York was held at the Hotel Breslin in that city, January 31. There was a large attendance and it proved to be a very interesting and enjoyable social event. An excellent orchestra furnished music and there were vocal numbers by professional entertainers which were exceptionally fine. After full justice had been done to the viands set before the company, President M. A. Bowe of the Associated Retail Florists introduced Leonard C. L. Smith, a business partner of Secretary W. H. Siebrecht, Jr., as toastmaster, and he amply filled the bill.

Addresses were delivered by Max Schling, D. J. Pappas, president of the Greek-American Florists' Association; Charles H. Brown, Secretary Siebrecht, George Hanges, and G. E. M. Stumpp. The various speakers voiced the sentiments of co-operation, progress and harmony. Letters expressing regret at their inability to be present, were received from Charles Thorley, Alexander McConnell, Charles A. Dards and Fred, Smythe, of Wedley & Smythe. After the speaking was ended there was a social hour, when friend met friend and old acquaintances were renewed. We may add, that in this free America, and particularly at a time when much of the world is racked with dreadful passion, it is particularly pleasing to see men of different birth and ancestry meet together in such good fellowship.

A. F. F.

Tennessee State Horticultural Society.

The opening session of the annual meeting of the Tennessee State Horticultural Society was called to order on the morning of January 25, at Nashville, S. N. Varnell taking the chair in the absence of the president, R. S. Walker, whose annual address was read by Secretary O. M. Watson. In his address, President Walker recom-

mended that the florists' society, the horticultural society and the nurserymen's association of the state consider amalgamation into one great whole, with proper division as might be necessary. The papers and discussions, like those that marked the annual meeting of the florists of the state, held the day previous, were all excellent, among the speakers and their subjects being the following: J. W. Eakin, horticultural agent for the N. C. & St. L. R. R. in a discussion on the outlook for better apple growing in Tennessee; C. A. Mooers, agronomist, East Tennessee University on, "Relation of Green Manures to Trucking"; O. M. Watson, horticulturist at the same institution on "Sweet Potato Growing in Tennessee." The storing of fruit was discussed by I. C. Murphy, Columbia; John Mir of Hendersonville and J. D. Ellis of Dayton, and many interesting points were brought out. Other speakers were Professor C. A. Keffer, Professor G. M. Bentley, and Wm. Schoenfeldt, all of Knoxville. Many fine displays of fruits were made.

M. C. D.

Minneapolis.

Stock in general is very scarce, and from present indications it will be some time before the supply will equal the demand, as most of the houses have a heavy covering of snow and the thermometer continues to hover close to the zero mark. Business the past week has been brisk, with many orders for funerals and weddings.

NOTES.

The next meeting of the florists' club will be held at the Nicollet hotel, February 8 at 8:00 p. m., and the Minnesota State Florists' Association will meet at the same place February 15.

With stock bringing high prices several of the growers wish they had increased the capacity of their ranges last year instead of waiting.

The Minneapolis Floral Co. has a lot of young stock coming on in fine shape.

H. B. Whitted had several large orders for weddings which called for quantities of orchids and gardenias.

Will Bros. will increase their capacity this spring, but as yet have not decided how much they will build.

Jake Kohlsted of Amundson's force is on the sick list, suffering with a bad case of the grippe.

K. Lindskoog reports a heavy week's business on funeral orders.

Visitors: E. H. Goldenstein, representing Vaughan's Seed Store, Chicago; A. C. Vanel, of the A. Verduyn Nurseries, Lisse, Holland; H. E. Philpott, Winnipeg, Can.

T. C. R.

Minneapolis Bowling.

The bowling teams of the Minneapolis Florists' Club and the St. Paul Florists' Club met on the alleys of the Elks' Club, Minneapolis, Thursday, January 27. About 50 members of the clubs with their wives and friends were present and a banquet followed the match. Arthur Rice was on the coaching line for the Minneapolis team and helped his team pull out a winner by 89 pins, the first time Minneapolis has defeated St. Paul in 10 years. Captain Desmond was high man with a score of 203 pins. After the match, E. H. Goldenstein of Vaughan's Seed Store, Chicago, and Theodore Wirth, rolled a game, the former carrying off the honors. The team scores were as follows:

	1st.	2d.	3d.
St. Paul.	Game	Game	Game
Fisher	189	191	158
C. Topel	134	148	139
A. H. Rogers.....	135	134	144
Hansen	145	171	176
Grabner	149	180	141
Totals	752	824	758
Minneapolis.	1st.	2d.	3d.
W. Topel	Game	Game	Game
W. Topel	156	120	141
Rovick	172	176	156
Will Hugh	155	127	169
Walter	173	156	192
Desmond	147	203	180
Total	803	782	838



DINNER OF THE NASSAU HORTICULTURAL SOCIETY AT THE ORIENTAL HOTEL, GLEN COVE, L. I., JANUARY 25.

Morris County, N. J. Florists' Society.

The twentieth annual dinner of the above named society was held in Piper's hotel, Morristown, N. J., on the evening of January 27. A large company of members and a number of invited guests gathered around the festal board. Frank Traendly, of New York, was toastmaster. We believe that this was a new role for Brother Traendly, but he rose up nobly to the emergency and, so to speak, "caved in the emergency's head." The banquet room was very handsomely decorated. On each table, as a centerpiece, was a large and beautifully flowered begonia of the Lorraine type. The sideboards were banked with other flowering plants, roses and carnations. A pleasing feature of the decorations was a fine display of the new red carnation, Belle Washburn, a large box of which had been sent for the occasion to Charles H. Totty by Bassett & Washburn, of Chicago, the disseminators. In addition to a large vase on the sideboard, one flower was placed at each plate. There was a standing toast to the president of the United States and America and the Star Spangled Banner were sung. There were other songs and speeches. One clever entertainer appeared in Highland costume and was appropriately encored. There were songs by William Collins, a popular seed drummer. The list of speakers included: Ex-Mayor Geo. W. Downs of Madison, Mr. Aukbrook, a popular editor of Madison; Walter F. Sheridan, New York; W. H. Duckham, C. H. Totty and Arthur Herrington of Madison; President Thorne and Secretary Reagan of the society; A. T. Boddington, New York; George Strange, Orange, N. J., and Mayor W. G. Badgley of Chatham. The event was very enjoyable.

A. F. F.

Boston.**BUSINESS SUFFERS SETBACK.**

During the past week trade has fallen off and business is very quiet. Prices have declined on most lines of flowers. Roses have remained the steadiest of any of the flowers, prices on Ophelia, Russell and Hadley being practically the same as last week. White and Pink Killarney have met the least demand, but on the whole the rose trade may be considered very good in view of the fact that the business otherwise has slumped to such a degree. Carnations are becoming very plentiful and prices have gone down to \$1.50 per 100 in some cases; \$2 per 100 seems to be about the average price, although some flowers bring \$3. Sweet peas are also seen in large quantities, there being a good demand for them at 50 cents to \$1 per 100. Violets sell slowly, 40 cents and 50 cents per 100 being the best prices. There is an exceptional large quantity of mignonne in the markets and the demand is very light. Large spikes that should bring 8 to 12½ cents have to be sold for 50 cents per dozen. Snapdragon seems to be losing its popularity; although there are not many flowers being grown this year, the price and demand is not up to standard. Freesias are coming in good supply, and bring from \$4 to \$6.

NOTES.

F. W. Fletcher & Co., of Auburndale, Mass., are sending to the Boston Flower Exchange a good cut of their celebrated Freesia Purity. The flowers are without doubt among the best seen in this city. Mr. Fletcher is spending the winter at his estate in Florida.

E. R. Farr, of Stoneham, is building a new greenhouse, flat rafter type.

42x200 feet. He is cutting an extra fine lot of carnations at present, White Wonder and Beacon being exceptionally fine.

H. Shedd, of Tewksbury, has a fine crop of carnations coming. His establishment is in fine condition, the plants being exceptionally healthy and have a fine growth coming for future cutting.

J. Hannon & Son, of Dorchester, are leading in the supply of spurs coming to Boston. Last week they shipped 30,000 blooms and will have as many if not more for the coming week.

P. Welch reports business as being fairly good, despite the local drop in trade. He is receiving a fine supply of American Beauties at present; also a nice lot of bulbous flowers.

Max Laken has left the employ of H. M. Robinson & Co., where he has been for the past five years and is now working as traveling salesman for McAlpine & McDonald.

Louis Cohen, of the New England Florists' Supply Co., is back attending his business after a severe attack of grippe.

F. L. W.

Montreal.**FUNERAL WORK HEAVY.**

Funeral work has been the most important item in the trade lately, the funerals of several prominent men having created a heavy demand for flowers, but due to the shortage of good stock and the consequent high prices, the profits were not what they should be and extra help had to be secured to handle the last rush as many of the designs were elaborate. Trade in cut flowers is very satisfactory, roses and carnations being the principal factors. Daffodils have made their appearance and will soon be in heavy supply and out point the carnation. The plant business except in ferns and fern dishes is very quiet. Some very nice cinerarias are shown, also cyclamen, but they sell slowly.

NOTES.

The Montreal Horticultural Society held its annual meeting January 24. There was a large attendance and the secretary-treasurer, A. J. Bowles, presented his report showing the society to be in a good financial condition.

G. A. Robinson has successfully passed through an election campaign in which he defeated his opponent by a large majority for the office of alderman of Outremont.

John Eddy and W. H. Horobin were the winners in the monthly euchre of the Montreal Gardeners' and Florists' Club.

F. V. C. Nielsen is very successful with mushrooms and is cutting large crops daily.

Wm. C. Hall and E. J. Hayward have returned from a trip to Ottawa.

J. L.

The Late Carlman Ribsam.

Carlman Ribsam, of Trenton, N. J., died January 30. He was 80 years old last August. He came from Germany and was established in all branches of the florist business in Trenton 48 years ago. The seed end of his business is now being run by his son Martin Ribsam, while Joseph has the florist and nursery business. The other son Nicholas is in Pittsburgh. He leaves besides these three sons, a widow, 74 years old.

Twenty-five years ago the Ribsam business at Trenton was considered one of the most thoroughly representative of all lines of the trade and among the most up-to-date in the country.

FAR AND NEAR.

DENVER, COLO.—Elitch's Gardens did not pay as a theatrical venture and it was placed in the hands of a receiver. Since the receivership the management has been devoting its attention to the raising of flowers for commercial purposes and Receiver George L. Roberts reported to the district court, January 24, that a profit is being made. The court gave permission to advertise the property for sale in theatrical publications.

READING, PA.—The Pennsylvania State Horticultural Society has elected the following officers for 1916: Dr. I. H. Mayer, Lancaster, president; P. S. Fenstermacher, Allentown and George Kessler, Tyrone, vice-presidents; F. N. Fagan, State College, secretary; Edwin W. Thomas, King of Prussia, treasurer.

PROVIDENCE, R. I.—The following officers of the Rhode Island Horticultural Society have been elected for the ensuing year: Professor Harlan H. York, president; Dr. H. W. Heaton and Marcus Burdick, vice-presidents; Edward K. Thomas, secretary; Harold L. Madison, treasurer.

BIRMINGHAM, ALA.—The McVay Seed & Floral Co. has been purchased by Mrs. S. S. Mobley, R. V. Harris and E. L. Harris. The concern will continue business under the same name. R. V. Harris is president and E. L. Harris secretary of the new organization.

ROCHESTER, N. Y.—The ladies' auxiliary of the florists' association has elected the following officers for 1916. Mrs. F. W. Vick, president; Mrs. Winfield Wilson, vice-president; Mrs. Geo. B. Hart, secretary; Mrs. Chas. Suhr, treasurer.

SAN FRANCISCO, CALIF.—A new flower and seed store has been opened on Clement avenue under the name of the Schic Company. The clever window displays at this establishment attract much attention.

NEWARK, O.—A greenhouse, located at Cedar and Indiana streets, together with personal property and real estate, has been assigned to Ernest T. Jackson by George L. Miller for the benefit of creditors.

NEW HAVEN, CONN.—Fire at John Champion's flower shop on Chapel street, January 25, caused a loss of several thousand dollars; fully insured. Crossed wires are thought to have been the cause.

HAGERSTOWN, MD.—Fire of unknown origin destroyed the boiler room and damaged four greenhouses at the range of H. A. Bester & Sons, January 26, entailing a loss estimated at \$1,000.

MEADVILLE, PA.—Plans are under way for a range of greenhouses, to be erected by a stock company, capitalized at \$40,000, now being organized.

ROCHESTER, MINN.—This city has been selected as the 1917 meeting place of the Southern Minnesota Horticultural Association.

MILWAUKEE, WIS.—M. J. Schulte has built one house, 18x57 feet, at West Allis. He will double his capacity the coming season.

WEST NEWBURY, MASS.—Chas. Morse and Herbert Smith will form a partnership and engage in the plant and seed business.

VALATIE, N. Y.—The flower shop of Frank Cramer in the Curtis building was destroyed by fire January 14.

OIL CITY, PA.—Additions will be made at the range of the Oakwood Rose Gardens this spring.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Chicago Novelty Show.

The annual novelty exhibition of the Chicago Florists' Club will be held at the next regular meeting, February 10. Growers are invited to send exhibits of such novelties as they wish to show the trade and shipments may be addressed to A. T. Pyfer, 30 East Randolph street, Chicago, all charges prepaid.

E. G. HILL flowered 1,300 seedling roses this season, among them many varieties of high promise.

LAFAYETTE, IND.—A Purdue student died here of feticemia. She opened a pimple on her face with a needle which had been used in her work with plants.

OFFICIALS of the Armour Fertilizer Works, the United States Smelting Co. and others have discovered a practical way to secure potash from alunite, which contains from 10 to 12 per cent potash and is found in considerable quantities in Utah and Nevada. The daily output, 18 tons, is being sold at \$200 per ton.

COPPER SULPHATE used as a plant disinfectant, recently advanced from 14 to 22 cents.

American Sweet Pea Society.

We are in receipt of the preliminary schedule of the American Sweet Pea Society's exhibition, to be held at Bar Harbor, Me., next June. Copies of this list can be had on application to H. A. Bunyard, secretary, 40 West Twenty-eighth street, New York.

We have also received copy of the advanced premium list of the California exhibition of this society, to be held at San Francisco in June. Copies of the latter list can be had on application to Frank G. Cuthbertson, 749 Front street, San Francisco, Calif.

Advertising Helps Salesman.

Advertising educates the salesman and all employes of the firm, according to C. E. Raymond, vice-president of the J. Walter Thompson Advertising Company, who spoke on "A Broad View of Advertising" at the weekly luncheon of the Executives' club in the Hotel Sherman, Chicago, January 28.

"Advertising gives the salesman a pride in the name of the house he is working for," said Mr. Raymond. "It gives him courage he otherwise might not have.

"The salesman is the point of contact between you and your trade. He is the man who hears all the knocks; it is he who has to meet competition, and it is he who has to overcome difficulties. Too often he becomes discouraged and wonders if his house is what his boss tells him it is.

"Advertising properly done, advertising wisely done is becoming a bankable asset. The business man and the banker are gradually coming to know this," he said.

Four-Year Garden Course for Girls.

To meet the demands of thousands of southern girls who have been successful in raising a tenth-acre of tomatoes and who want to continue the representatives of the United States department of agriculture and the state colleges in charge of the canning clubs in the fifteen southern states have worked out what might be called a progressive, four-year practical garden and canning course for girls. The purpose of this course is to start the girls with one crop and from year to year add new annual crops, encourage them to run winter and glass-frame gardens, and finally in the course of their work lead them to plant perennial small and orchard fruits. It is hoped that under this system the girls will gain knowledge of how to handle a wide variety of garden vegetables and trees and that the member by the time she gets ready to go to high school or college will have a garden of perennial fruits that readily can be cared for by other members of her family.

New York State's Fertilizer Bulletin.

Owing to the war, conditions in the fertilizer industry and fertilizer trade have been greatly affected, and prices raised. This makes it more necessary than ever for the purchaser of commercial brands to be sure of their quality; and the best guide to this is the reliability of the manufacturer or

other guarantor, as shown by the analyses of the brands by experienced, disinterested chemists. The official sampling of the brands by agents of the commissioner of agriculture of the state of New York and the analysis of the samples of the state experiment station (Geneva) make it possible for every purchaser of fertilizers in quantity to have such a guide; for the results of this co-operative inspection work for 1915 have been published in Bulletin 410 of the station, which is now to be had on request.

T. E. Mills Honored.

With the thermometer registering 40 degrees below zero on January 27, T. E. Mills, president and general manager of the State Nursery & Seed Co., Helena, Mont., met with a warm reception when he entered the packing shed and found all of the employees of the concern gathered for the purpose of presenting him with a grievance in the shape of a handsome chest of silver containing 56 pieces handsomely engraved, together with their best wishes on the occasion of Mr. and Mrs. Mills' silver wedding anniversary. In the evening the Mills home was the scene of a pleasant gathering, many friends having arranged a surprise, and games, dancing and music adding to the enjoyment of all present. Mr. and Mrs. Mills were the recipients of many beautiful and useful gifts in silver, tokens of the esteem in which they are held by their many friends.

MacLellan's Calendar.

Alexander MacLellan, of Newport, R. I., has issued a neat calendar in which verse takes the place customarily given to pictorial display. The verses are reproduced herewith:

True Blue.

All shades in the spectrum ran riot one day
Were kaleidoscoped in every which way
Each claiming beauty tried others to out-shine
To settle their dispute joined in glass of wine.

Their eyes being opened drove them to despair
For as each viewed their fellows, all seemed wondrous fair
But red vain of itself claimed kin with the Sun
And had not the red Dragon great victories won?

Yet the blue of the Gentian and blue of the Skies
Are ever first premium no matter what tries
Then yellow-shade of the Moon, the Queen of the night
Has been to all lovers a perfect delight.

Now in their right order the colors we see
Arranged for their beauty—just as they should be
First the blue at the top—then red comes to view
And the yellow comes third—if your order be true.

My Wish For You.

May Christmas joy each day of year
Be ever nigh your heart to cheer,
With friendship's ties strong, firm and true
In heart entwined to bear you thru.

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any dates that may have been altered since the last advices.]

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cleveland, O., February 7, 8 p. m.—Cleveland Florists' Club, Club Room A, Hollenden hotel. Frank A. Friedley, secretary, 95 Shaw avenue, East Cleveland.

Holyoke, Mass., February 8, 7:30 p. m.—Holyoke and Northampton Florists' and Gardeners' Club, James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Newport, R. I., February 8, 8 p. m.—Newport Horticultural Society, Music hall, Thames street, William Gray, secretary, Bellevue avenue, Newport.

Seattle, Wash., February 8, 8 p. m.—Seattle Florists' Club, Henry building, Thos. Wylie, secretary, Holly street, Seattle.

Chicago, February 9, 8:15 p. m.—Gardeners' and Florists' Union, No. 10615, 232 North Clark street. Louis Heitman, secretary, 3641 North Albany avenue, Chicago.

Lenox, Mass., February 9, 7:30 p. m.—Lenox Horticultural Society, Town hall, Lewis Barnett, secretary, care of Allen Winden, Lenox.

Madison, N. J., February 9, 8 p. m.—Morris County Gardeners and Florists' Society, Edward Reagan, secretary, Morristown.

Chicago, February 10, 8 p. m.—Chicago Florists' Club, Hotel Morrison, Madison and Clark streets. Guy W. French, secretary, Morton Grove, Ill.

Davenport, Ia., February 10, 7:30 p. m.—Tri-City Florists' Club, house of members. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., February 10, 8 p. m.—New London Horticultural Society, Municipal building, John M. Humphrey, secretary, Municipal building, New London.

St. Louis, Mo., February 10, 2 p. m.—St. Louis Florists' Club, Odd Fellows' hall, No. 2. J. J. Benke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., February 11, 8 p. m.—Connecticut Horticultural Society, County building, Trumbull street, Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Newark, N. J., February 12, 3 p. m.—Wein, Obst und Gartenbau Verein, 15 Newark street, Peter Caille, secretary, 111 Avon avenue, Newark.

New Orleans, La., February 13, 2 p. m.—Gardeners' Mutual Protective Association, 114 Exchange place, John Parr, secretary, 4539 North Rampart street, New Orleans.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references.

J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—By February 15. Gardener florist, 33, married, two children, hard working. First class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address

Key 595, care American Florist

Help Wanted—Girl for retail flower shop in loop, also a delivery boy. State fully in first letter; age, experience, reference and salary expected. Address

H. M. HIRSCH, 4411 West End Ave., Chicago.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M. College, Stillwater, Okla. Salary to begin \$50.00 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to

SUPERINTENDENT OF GROUNDS,
A. & M. College, Stillwater, Okla.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address

Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter.

Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner, 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—Retail florist business in Chicago, in high class location, established over five years. A well paying business with a well established trade. Owner going in wholesale business. A florist with \$1500 cash will get a bargain. Key 601, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs, for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address

Key 602, care American Florist.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars.

LOUIS SCHELIHAAS, Miamisburg, O.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address

Key 597, care American Florist.

Flower Business For Sale

Thriving flower business for sale, reason for selling, undertaking business requires all our attention. Write to

Charles Bartcher, Undertaker and Florist, Denison, Iowa.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—A young man, 26 years old, would like a position in seed store; 10 years' experience with American and British firms. Good knowledge of nursery stock. Free for engagement. Key 598, care American Florist.

Situation Wanted—Salesman, designer and decorator. Formerly employed in leading eastern retail stores. Now in Chicago. Ready to start work at once. Call Harrison 7465 or Address Key 603, care American Florist.

Situation Wanted—Middle aged florist-gardener. One year with L. C. Tiffany, as headman, wishes position on private place around New York. MAX KLOCKOW, North River Hotel, Barclay St., N. Y.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about March or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas and all kinds of greenhouse stock. All credentials and references. Can come at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

To Fill the Empty Benches
The Present Demand Is for
YOUNG STOCK
CARNATIONS
CHRYSANthemUMS
EASTER PLANT STOCK
Miscellaneous Bedding Plants
ADVERTISE THEM NOW

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

Newark and Irvington, N. J.

Newark and Irvington are so near to each other and such good neighbors that we include both in these notes, but they are separate municipalities.

At the range of E. W. Fengar, Irvington, there is now a fine crop of carnations, and Edward Persson, the clever foreman, deserves much credit for bringing them along. We visited this range last fall shortly after the stock was housed. The season had been wet and some of the stock had suffered, but it has come out all right. The Pink Delight, White Wonder, Enchantress and others are all very fine. A limited area was planted with Good Cheer, and we call it a very fine production. Alice also looks well. The red, Champion, seems prolific at this range and has a much better color than Beacon. A great stock is being propagated, of carnations, chrysanthemums, geraniums and other bedding plants.

One of the picturesque figures of Newark is Karl Voight, who has greenhouses on 18th avenue, near Woodland cemetery. He was a Newark florist 60 years ago, that is, when many who are now grandfathers and grandmothers were kiddies. He is now 80 years old, but looks as jolly as Santa Claus is pictured on the Christmas cards.

August Bergerow, 16 Girard place, has been a Newark florist for 44 years, but is yet active. He has a neat range and grows a variety of stock. It is not generally supposed that he needs to work, but he can't quite drop the habit. His son, A. C. Bergerow, has a prosperous store at 946 Broad street.

At Philips Brothers, 938 Broad street, we were shown a large sheaf of telegrams and letters, all out of town orders that had been received in the last two months. Philips Brothers are certain it pays to advertise in THE AMERICAN FLORIST. They have recently had several fine wedding decorations.

W. J. Strahan, manager for Wolfinger, states that January has been an exceptionally busy month in their store with a big demand for funeral work. The orders have come in so fast that they have had to work overtime to fill them.

A brother of Edwin Persson has bought a vegetable range on Union avenue and will remodel it to grow cut flowers. He is also likely to erect new houses in the near future.

George Muller, 435 Clinton avenue, is one of the busiest of the Newark retailers. He has a good store in a good location and handles fine stock.

J. D. Kroehl, Jr., has a good store at 20 Belmont avenue, opposite the Kruger Auditorium, with greenhouses at Union Hill, N. J.

Charles Luthy, 363 Springfield avenue, has a neat retail store and is a genial and companionable man who makes friends.

The S. A. Rogers Nursery Co. has recently opened a store for the sale of cut flowers at 14 Branford place, Newark. A. F. F.

Essex County Florists' Club.

The Essex County Florists' Club held its monthly meeting on the evening of January 20 and elected officers as follows: Henry Hoernecker, president; John Pfeuffer, vice-president; Edward Jacobi, Jr., secretary; Edwin Persson, treasurer. The next meeting, February 17, will be ladies' night. There will be a cabaret dinner at the Kruger restaurant and this implies music and dancing. The Kruger Auditorium, where the meetings are held, is located on Belmont avenue near Springfield avenue, Newark.

ROCHESTER WHITE

GLADIOLUS



The Only Pure White of Commercial Value

The value of this variety is its color. The purest white ever offered. Its general growth, vigor and erectness give it first place among the standard varieties.

There is no question about this variety being not only the best white, but the only white Gladiolus of commercial value to-day.

The facts that the petals are pure white clear into the throat, and that the anthers and pollen are white, place it in a class superior to any other so called white variety. In usefulness this variety will answer perfectly in the place of any solid white flower, and can be used for every purpose heretofore exclusively supplied by Lilies.

The plant is strong and vigorous and grows very erect. The spikes are well supported and large, averaging three feet in height. The green foliage is broad and clean. Productive in both bulb and flower. Rochester White has won all the premiums offered for the best white, wherever exhibited, for the past four successive years.

First Size Bulbs - Dozen, \$1.00; 100, \$7.00; 1000, \$65.00
Second Size Bulbs, Dozen, .85; " 6.00; 1000, 55.00

James Vick's Sons, Rochester, N. Y.

FEATURE FREY'S NOVELTY FREESIAS

For Valentine's Day

\$4.00 per 100

THESE splendid Rainbow Freesias are attracting much attention everywhere and made a big hit at the Annual Exhibition of the American Carnation Society at St. Louis, Mo., last week. Leading Chicago retail florists use these colored Freesias in their best work and we advise everyone to have a good supply on hand for St. Valentine's Day. They sell on sight and are of every color of the rainbow.

This stock is sold exclusively by the

E. C. AMLING CO., 174-6 North Wabash Ave., Chicago

These fine Rainbow Freesias are grown by us and will be marketed this season and next season. Every grower should have them in their greenhouse for they are in big demand and you cannot possibly afford to be without them.

ALOIS P. FREY, CROWN POINT, IND.

LARGE QUANTITIES FANCY

Single Violets

For St. Valentine's Day

PLACE your order here for my stock is of fine quality and prices very reasonable. Violets are usually the best seller on this occasion and while my supply is unusually large do not overlook the fact that my line is complete in every respect, and that I can take splendid care of you on all other flowers appropriate for the occasion.

Roses, Sweet Peas, Carnations, Jonquils, Freesias, Tulips, Paper White Narcissus, Lily of the Valley, Orchids, Etc.

Shipping Orders Carefully Attended to

H. G. BERNING

WHOLESALE FLORIST,
1402 PINE STREET,

ST. LOUIS, MO.

DORNER'S NOVELTY FOR 1916

New Salmon Pink Carnation NANCY

Color, light salmon pink, a little darker than Pink Delight and a more even color. Blooms are good commercial size, three inches and over, nicely formed and have never shown a bursted calyx. Stems always hold the flower upright. The habit is a quick productive growth and as a producer it stands highest among commercial varieties. Color does not fade. Fragrance is very noticeable. Having an excellent cerise pink and an improved yellow to offer in 1917, we have decided to disseminate the variety NANCY this year (1916). For a light pink that will produce quantities of bloom and is commercially good in every respect, plant NANCY. The stock is limited and orders will be filled in rotation as received. Price, rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

Chrysanthemum Early Frost

The Early White Mum. February Delivery. This variety has proven so satisfactory that the demand for stock will be greater than the supply. Place your order now. We have a large stock. Rooted cuttings, \$7.00 per 100; \$60.00 per 1000.

STANDARD VARIETIES OF CARNATIONS AND 1915 INTRODUCTIONS. READY NOW.

	Per 100	Per 1000
Pink Sensation.....	\$6.00	\$50.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Matchless.....	3.50	30.00
Yellow Prince.....	3.50	30.00
Champion.....	3.00	25.00
Yellowstone.....	3.00	25.00
White Wonder.....	3.00	25.00
White Enchantress.....	3.00	25.00
Rosette.....	3.00	25.00
Mrs. C. W. Ward.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00
Benora.....	3.00	25.00

F. DORNER & SONS CO., Lafayette, Ind.

Nassau County Horticultural Society.

The members and friends of the Nassau County Horticultural Society to the number of 75 gathered at the Oriental hotel, Glen Cove, Tuesday evening, January 25, to celebrate the society's tenth annual dinner. The tables were beautifully decorated with plants of Begonia Gloire de Lorraine, Primula malacoides, freesias, narcissi, etc. Because of illness, our president, James McDonald, was unable to be present and Vice-president Joseph Adler presided. Mr. Adler made an address of welcome to the guests and members and bade each one to do his full share toward disposing of the dinner which was to be served. His bidding was strictly carried out, as the menu was a most excellent one.

When the cigars were reached Mr. Adler introduced Charles H. Totty as toastmaster of the evening and a most efficient one he proved to be. His numerous anecdotes and verses which he favored us with throughout the evening were enjoyed by everyone. The first speaker called on by Mr. Totty was James Cocks, supervisor of Nassau County, who ably responded to the toast "Our Country." John F. Johnstone spoke for the Nassau County Horticultural Society and said that among other things that we as a society are proud of is the fact that one of our members, John W. Everitt, has had the honor of being chosen president of the National Association of Gardeners.

The toast, "The Trade Press," was eloquently taken care of by William Stuart, while J. Austin Shaw fairly outdid himself in the response he made to the toast, "The Ladies." The seed trade was spoken for by J. A. Deamud, George Burnett, Wm. J. Collins and W. A. Sperling. William Duckham responded for the Morris County Horticultural Society and also requested the support of our members at the coming spring show in New York. Thos. Lee represented the Tarrytown Horticultural Society and James Duthie the Oyster Bay Society. Other speakers were County Attorney, Charles McCarthy, Frank Boune, Lester Ortig, Dr. Connolly and John F. Davis. Interspersed with the speeches, vocal selections were rendered by Wm. J. Collins and others.

A pleasant feature of the evening was the presentation of a pair of gold cuff buttons to Ernest Westlake in appreciation of his efficient services as presi-

MISS THEO.

The most prolific Rose Pink Carnation on the market. Every visitor places an order.

See previous advs.

Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, Ellis, Mass.

dent of our society for the past year. After an evening replete with fun and good fellowship, which was thoroughly enjoyed by all present, the diners dispersed about 11:30.

JAMES MCCARTHY, Cor. Sec'y.

Paterson, N. J.

The park board of Paterson, of which Edward Sceery, the florist, is president, passed its first reading, a shade tree ordinance, January 12. The proposed ordinance is along the same lines as that of Newark, N. J. Carl Barnwart, secretary of the Newark shade tree commission, was at the meeting and explained the workings of the Newark ordinance. Mr. Barnwart said the city of Newark had provided the park commissioners with a large plot of ground on which they are now growing trees, which were purchased several years ago and that they

are doing well. He said it was possible to buy trees for 25 cents each, if bought in carload lots. The proposed Paterson ordinance forbids the following: To cut, break, climb, injure, kill or remove any tree or plant in a public highway or any tree or plant in a public park; the proximity of wires or other conductors. Allowing gas, brine or liquid dye to reach trees, is also forbidden.

Oklahoma City.

Snow and very cold weather is remaining steadily with us. Pioneer settlers say that there has not been such severe cold since 1896. In spite of bad weather conditions florists say that business is keeping up well and averaging up with other years.

J. Patterson has been appointed superintendent of the city parks.

Visitor: J. W. Furrow, Guthrie, Okla. S. S. B.

NEW CARNATION

Cottage Maid

Sport of Mrs. C. W. Ward.



COTTAGE MAID CLEANS UP AT ST. LOUIS

Besides Winning First In Its Class, This Queen of Novelties
Won The Sweepstakes For The Best Vase In The Show.

The public here in New York is crazy over the color of this beautiful new carnation. It is a clear shell pink, deep in the center and lighter toward the edge. It is a color your trade demands.

Its plant is identical with its well known and widely grown parent "Mrs. C. W. Ward" and it has the same wonderful keeping and shipping qualities as this variety. In fact at the Cleveland Show this fall "Cottage Maid" besides the first prize in its class, won the prize for the vase of carnations in the best condition at the end of the Show. And these flowers were shipped from New York.

We have grown this variety for six years and tried it out thoroughly. It is not our policy to let buyers of our novelties do the experimenting.

We believe in "Cottage Maid" and we are going to back up our belief by planting 50,000 of it next year for blooms besides the stock plants. It will be Sent out next winter. Send in Your Order Early.

And keep your eye on "CRYSTAL WHITE," our sensational pure white, which is larger and more productive than "Matchless." It will probably be disseminated in 1917-18.

COTTAGE GARDENS CO., Inc., Queens, New York.

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Kansas City.

Regular winter weather with the temperature ranging from zero to 32 degrees with sleet and rain have made deliveries hard during the past week, but trade has been excellent, funeral work being especially heavy. Stock continues scarce in some lines, roses especially, but they were good in quality and consequently high in price. Carnations are arriving in greater numbers and sweet peas and violets have taken a slump. Narcissi, jonquils and tulips are also arriving with longer stems.

NOTES.

H. Kusik & Co. have a big supply of carnations daily but rose receipts are limited. The out-of-town demand and supply department business have both been brisk. Henry Kusik and his bride have returned from their honeymoon and are receiving the congratulations of their many friends, also the groom is being complimented by the "boys" on his excellent judgment in the selection of the cigars which he passed around.

The Geo. M. Kellogg Flower & Plant Co. reports a very good trade, orders for funerals being especially brisk. Mr. Parker of this firm is confined to his home with pneumonia and Miss Brown, another one of the staff, has a bad case of the grippe.

Visitors: Phil Foley, of the Foley Greenhouse Manufacturing Co., Chicago; C. H. Perkins, of Jackson & Perkins Co., Newark, N. Y.; John Jufferman, of P. Van Deursen, of Sassenheim, Holland.

The stork is still making headquarters in this city. On January 24, he called at the home of A. E. Odoms, who is employed at the greenhouses of W. J. Barnes. Miss Odoms weighs nine pounds.

The Wm. L. Rock Flower Co. is cutting quite a number of roses but not enough to supply the demand. The call for pot plants is very heavy, the stock being sold as fast as it arrives at the store.

W. J. Barnes is showing a fine assortment of pot plants, especially noteworthy being rhododendrons, cyclamens, begonias and cinerarias. He is still cutting heavily on carnations.

Arthur Newell had a heavy run on funeral orders but was handicapped somewhat on account of the shortage of stock. He is using boxwood and leaves in quantities on wreaths.

T. J. Noll & Co. are now handling thousands of carnations daily. They expect a big trade in violets to meet the St. Valentine's day demand.

Eric Frandsen & Co. were completely frozen out last week, due to water running into the boiler pit, making it impossible to fire.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
White Wonder.....	2.50	20.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Washington.....	2.50	20.00
Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Richmond.....	3.00	25.00
Sunburst.....	4.00	35.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

A. F. Barbe has about 2,500 lilies coming on for Easter and the stock is looking fine. He also has a heavy carnation crop.

E. J. B.

INDIANAPOLIS, IND.—Hartje & Elder will erect three new houses this spring to be planted to chrysanthemums and carnations.

LATEST EDITION

ISSUED JULY, 1915

—The American Florist Company's—

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

SWEET PEAS

Now Coming in Crop—Very fine long stemmed stock—Best in the Market

American Beauties

	Per doz.
Extra long stem Specials.....	\$6.00
Stems 36 inch.....	5.00
Stems 24 to 30 inch.....	\$2.00 to 4.00
Shorter lengths.....	.75 to 1.50

Richmond, Ophelia, Brilliant, Rhea Reid and Sawyer

	Per 100
Extra long stems.....	\$12.00
Good length stems.....	10.00
Medium stems.....	8.00
Short stems.....	\$5.00 to 6.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....	.75c
---------------------------	------

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long.....	\$12.00
Good length.....	10.00
Medium.....	8.00
Good short.....	6.00

Carnations

	Per 100
All colors.....	\$4.00 to \$5.00
For Lincoln's Birthday and Valentine Day—Red...	6.00
—Pink and White	5.00

Sweet Peas, very choice.....	2.00 to 2.50
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	2.50
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, per 1000.....	1.00

Sweet Peas—Zvolanek's orchid flowering—extra long stemmed stock, \$2.00-\$2.50 per 100

Jonquils and Tulips, \$3.00 to \$4.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

ROSES ARE STILL SCARCE.

Roses of all kinds are very scarce and clean up quickly each day at an early hour at high prices. American Beauty roses were never in such short supply and this is particularly true in the shorter stemmed grades. Carnations are more plentiful, but are moving well and clean up nicely. Violets are plentiful and are selling well. Lily of the valley is none too plentiful and commands high prices. Bulbous stock is seen in larger supply and some very good freesias, tulips, jonquils, daffodils, Romans and Paper White narcissi are obtainable. Sweet peas are in good supply, but there is no great surplus when the day's sales are over. Lilies, orchids and gardenias are among the offerings and the same holds good for stevia, although the receipts of the latter are gradually diminishing. Snapdragons, calendulas, mignonette, daisies and pansies are included in the offerings, but clean up quickly. Business has been very good and stock in general cleans up nicely and when the day's sales are over there is very little stock left. Green goods are plentiful and in good demand. Everyone is now making preparations for St. Valentine's day, which will no doubt call for a large supply of stock and clean up the market completely in all lines.

NOTES.

The A. L. Randall Co. has leased the entire third floor of the Le Moyne building and have an option on the fourth. It is understood that this firm is willing to sublet a part of the second floor which they now occupy to any local wholesale florist, so as to concentrate as much business as possible in the one building. The other firms now located in the Le Moyne building are the E. C. Amling

Co., Chicago Flower Growers' Association, Bassett & Washburn and J. A. Budlong.

George Weiland of Evanston has purchased 19 acres of land adjoining the Stielow greenhouses at Niles Center, where he will build a new range of greenhouses. Work will be started immediately on the first house and the rest will be added as rapidly as possible. The new plant will be devoted

exclusively to roses and the output will be consigned to the Chicago Flower Growers' Association, of which firm he is an officer.

The Ickes-Braun Mill Co. was awarded the contract for the material and M. Winandy, Jr., the contract for the erection and cement work on the new range of the National Flower and Plant Co., in which S. Freund is interested.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

No. 150 Width

Silk Taffeta Ribbon

In beautiful Moire effect. Silver and steel gray, purple and black. Just the thing for door sprays. (Full 10-yd. bolt.)

\$1.45 per Bolt

MAKE

ST. VALENTINE'S DAY

A BIG DAY

Send Your Orders To Us.

We have the Largest Range of Greenhouses in America Devoted Exclusively to Roses and Carnations and Can Fill Your Orders Best.

TRY US ON

Beauties, Killarney, White Killarney, Sunburst, Killarney Brilliant, Maryland, Ophelia, Richmond, Milady, Mrs. Chas. Russell.

ALSO HEAVY SUPPLY

Carnations, Sweet Peas, Violets, Greens, Etc.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES		Per doz.	MRS. CHAS. RUSSELL		Per 100
Extra long stems.....		5.00	Specials		\$20.00
48-inch stems.....		4.00	Select		15.00
36-inch stems.....		3.00	Medium		12.00
30-inch stems.....		2.00	Short	\$8.00 to	10.00
20 to 24-inch stems.....		1.00	Carnations, fancy		4.00
Short stems .....		.75	good		3.00
Killarney.....			Harrisli.....per doz.,	\$1.50 to \$2.00	
White Killarney..			Sweet Peas	1.50 to	2.00
Killarney Brilliant	Specials	\$12.00	Valley	\$4.00 to	\$5.00
Sunburst.....	Select	10.00	Violets .....	.75 to	1.00
My Maryland.....	Medium	8.00	Smilax.....per doz, strings,	\$2.00	
Ophelia.....	Short	6.00	Adiantum	1.00 to	1.50
Richmond.....			Asparagus, per bunch.....	50c to	75c
Milady			Ferns, per 1000.....	\$2.50	
ROSES, our selection.....		\$5.00	Boxwood	per bunch, 25c	
			Galax, bronze and green...per 1000,	\$1.00	
			Leucothoe Sprays .....	.75 to	1.00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

Long Distance { Central 2846,
Phones: { " 601,

CHICAGO

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$8.00
Pink Killarney.....	Select.....7.00
Killarney Brilliant.....	Fancy.....6.00
Richmond.....	Medium.....5.00
	Good.....4.00

CARNATIONS.

Fancy..... per 100, \$5.00 Good.....per 100, \$4.00

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengeri.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

The Tonner sisters, Olga and Lillian, have gone into partnership and leased larger quarters in Room 205 in the Atlas building, where they will conduct both a wholesale commission cut flower and supply business. The Tonner family has been represented in the local wholesale cut flower market since 1890, but this is the first time that they have taken out a lease in their own name and intend to enlarge their business as rapidly as possible. Miss Olga Tonner has been engaged in the cut flower business for many years, and Miss Lillian Tonner was formerly in the employ of the A. L. Randall Co., during which time she had charge of their supply department. They expect to occupy their new quarters in about another week, when further particulars will be announced.

Pyfer & Olsem, of Wilmette, have leased the Peter Nepper greenhouses, consisting of 100,000 feet of glass, which will be devoted exclusively to carnations and be under the able supervision of Peter Olsem. The stock will be consigned to A. T. Pyfer & Co., which will come in handy now that they have increased their floor space and their rapidly increasing business demands more stock. Miss O. A. Tonner has occupied a part of A. T. Pyfer & Co.'s store for some time, but will move into new quarters soon, which will give the Pyfer Co. considerable extra space, which it has needed for some time.

Mrs. Horton, of Bassett & Washburn, has the sympathy of the trade in the loss of her husband whose death occurred at Correnzo, New Mexico, last week from pneumonia contracted looking after some mining property there. The funeral was held from the family residence in Evanston Wednesday afternoon under the auspices of the Masonic lodge of which he was a member. Burial was at Rose Hill cemetery.

H. E. Philpott, of Winnipeg, Can., was in the city this week on business and left February 1 to attend the Elks' ice carnival now being held in St. Paul, Minn. Mr. Philpott has been receiving a complimentary copy of the Milwaukee Free Press since the affiliation banquet of the Chicago Florists' Club and the Cook County Florists' Association, but does not know who to thank for the interesting Christmas present.

At Wietor Bros. store carnations continue to arrive in larger quantities, and while they are cutting a good supply of roses there is still a scarcity. N. J. Wietor says it will be several weeks before there will be any great quantities of roses to speak of and what stock is being cut now is bringing good prices. This firm has a nice lot of carnation cuttings in the sand and is booking orders for same.

Bassett & Washburn are booking a large number of orders for Belle Washburn carnation cuttings every day and are well pleased with the amount that have already been sold. This variety made a remarkable showing at the St. Louis, Mo., exhibition of the American Carnation Society last week, and is the only variety that ever won two silver medals two years in succession.

The E. C. Amling Co. well remembers St. Valentine's day last year for that was when fire completely destroyed their old building, but the way the firm looks at it now is that they were driven out of a good location into a much better one. This house is showing a splendid supply of colored freesias, which they figure will be a big seller for Valentine's day.

A. L. Vaughan & Co. report trade as good with a grand clean-up in stock each day. Carnations are more plentiful at this house and the outlook for a large supply of violets and spring stock for St. Valentine's day is very encouraging.

Allie Zech and M. H. Mann, of Zech & Mann, have returned from St. Louis, Mo., where they attended the annual exhibition and convention of the American Carnation Society, held January 26-27.

Philip C. Schupp, manager at J. A. Budlong's store, reports an exceedingly brisk demand for lily of the valley, which is in short supply and commands top-notch prices.

George Reinberg is cutting a good supply of calla lilies which Manager Northam says are bringing much better prices than last year's January and February crops did.

Miss Greeley, of the John Kruchten Co., who has been on the sick list since the holidays, has recovered and will be back on the job next week.

Paul Klingsporn, manager of the Chicago Flower Growers' Association, has returned from a business trip to St. Louis and Kansas City, Mo.

FANCY DOUBLE

VIOLETS

FOR

VALENTINE DAY.

75c to \$1.00 per 100

M. C. GUNTERBERG,

158 N. Wabash Ave.,

Chicago, Ill.

Phone.

Central 3067

U S Budlong's

E Blue Ribbon Valley.

Mention the American Florist when writing

ROSES

Sunburst, Killarney, White Killarney and Richmond. Carnations, Violets, White and Yellow Narcissus, Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Mention the American Florist when writing

Joseph Ziska & Sons have such a heavy demand for wire designs that the force has to work nights and Sundays to catch up on orders.

Erne & Klingel are receiving a large supply of spring flowers and will have enough to supply their customers with for St. Valentine's day.

E. C. Pruner was in the city this week and left February 1 to call on the southern trade.

F. J. Simons is no longer in the employ of Percy Jones.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Large Supply

Violets for St. Valentine's Day

Also ROSES—CARNATIONS—VALLEY—ORCHIDS—ETC.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.

Long stems	Per doz.	\$6.00
36-inch stems	\$4.00 to	5.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		1.50

MRS. CHAS. RUSSELL.

Specials	Per 100	\$25.00
Select		20.00
Medium	10.00 to	15.00
Short	8.00 to	10.00

ROSES.

Richmond—Milady—Extra long	Per 100	\$12.00
“ Fancy		10.00
“ Medium		8.00
“ Short		6.00
White Killarney		
Killarney	Special	\$12.00
Killarney Brilliant	Fancy	10.00
Ward	Medium	8.00
Sunburst	Short	6.00
Ophelia		
Maryland		
Roses, our selection		5.00

CARNATIONS, common	Per 100	\$4.00
“ fancy		5.00

MISCELLANEOUS.

Cattleyas	per doz., \$7.50	
Valley	\$ 4.00 to \$ 5.00	
Violets .....	.75 to	1.00
Freeseias	4.00 to	5.00
Paper Whites	3.00 to	4.00
Romans	3.00 to	4.00
Stevia		2.00
Tulips	3.00 to	4.00
Lillies	per doz., \$1.50 to \$2.00	
Mignonette	6.00 to	8.00
Callas	per doz., 2.00	
Sweet Peas	1.50 to	2.50
Smilax	per doz., \$1.50 to \$2.00	
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus, per bunch .....	.35c to 50c	
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays .....		.75
Mexican Ivy .....		.75

Mention the American Florist when writing

For St. Valentine's Day

Heavy Supply

VIOLETS AND CARNATIONS

Roses Tulips Beauties Paper Whites Romans Jonquils Orchids Stevia Lillies Violets Valley Freesia Calendulas Peas Greens

ERNE & KLINGEL

30 E. Randolph Street, L. D. Phone, Randolph 6578. CHICAGO, ILL.

The annual novelty exhibition of the Chicago Florists' Club will be held at the next regular meeting, February 10. Growers are invited to send exhibits of such novelties as they wish to show the trade and shipments may be addressed to A. T. Pyfer, 30 East Randolph street, Chicago, all charges prepaid.

Fred O. Otto, 2128 North Kedzie avenue, was shot by a man who is said to be an ex-employee, January 22, sustaining four slight scalp wounds.

Chas. Wolf, of Downers Grove, will give up growing sweet peas in the future as the crops have been very unsatisfactory this season, owing to the unfavorable weather conditions.

Dan Simonds, of the Ogden Floral Co., 1917 West Harrison street, has been on the sick list for nearly a week.

Harry Ball, who recently purchased the Merryvale Greenhouses, at Helena, Ark., was a visitor this week.

A. F. Keenan reports business as good at both of his Sixty-third street

U S Budlong's
E Blue Ribbon Valley.

stores, with the demand for funeral work unusually heavy.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

John Poehlmann was taken home from the hospital last week and is getting along very nicely. August Poehlmann and Adolph Poehlmann have both been confined to their homes with the grip for nearly a week. August Poehlmann in speaking of business conditions says that the cut flower trade is on a par with 1914 and that the supply department shows a 40 per cent increase over last year. One order for young rose plants was booked last month which called for 85,000 plants, mostly grafted stock. The demand for grafted plants seems to be about 65 per cent better than own root stock where the buyer has his choice.

Peter Reinberg is cutting a good supply of roses and carnations and the outlook for large cuts for St. Valentine's day is very encouraging. This firm will have the Misses Tonner for neighbors who will occupy the room next door east of them. Mr. Reinberg and Henry Zender occupied a prominent seat on the stage when President Wilson spoke at the Auditorium, Monday evening, January 31.

John C. Schubert, who succeeded to the historic Gallagher business, corner of Wabash avenue and Madison street, died January 26. Mr. Schubert was prominent in local politics but has not been identified with the trade recently, the floral business passing to John Mangel some years ago.

Weiland & Risch are booking orders right and left for their new pink rose Champ Weiland and have only a limited supply of grafted plants left to offer. Many of the local florists will grow this variety next season, especially those who have had an opportunity to inspect it growing.

Visitors: Alex Guttman, with Guttman & Raynor, New York; Blaine Wilcox, with J. F. Wilcox, Council Bluffs, Ia.; H. V. Hunkel, of Holton & Hunkel Co., Nic. Zweifel, Gustav Pohl, Schroeder, Milwaukee, Wis.; John Evans, Richmond, Ind.; Samuel Seligman, representing Wertheimer Bros., New York; E. J. Fancourt, representing Pennock-Meehan Co., Philadelphia, Pa.; Wm. R. Nicholson, S. J. Goddard, Framingham, Mass.; Alex Montgomery, Natick, Mass.; A. Roper, Tewksbury, Mass.; W. J. Palmer, Buffalo, N. Y.; Chas. S. Strout, Biddeford, Me.; Ernest Saunders, Lewiston, Me.

St. Louis.

STOCK MORE PLENTIFUL.

Business has been none too brisk the past week due to the rainy weather, consequently stock is more plentiful and prices are considerably lower. Roses are still on the short side, and while at times certain other items are scarce there is nearly always enough stock on hand to fill the late orders. Carnations especially are seen in larger numbers, which also holds good for freesias, narcissi, tulips, sweet peas, violets, lilies, snapdragons, etc. Sales during January, 1916, compare most favorably so far with January of last year and the outlook for a continuance of good business is very bright and everyone is busy making preparations for a brisk St. Valentine day's trade.

NOTES.

H. G. Berning is handling a large quantity of choice single violets in addition to a complete line of other stock and will have a large supply to offer for St. Valentine's day. Mr. Berning reports business as good and has noticed no decrease in sales since the wholesale stores closed on Sunday and the new credit system went into effect. Several of the Chicago wholesale florists who attended the exhibition here this week believe in Sunday closing and will no doubt soon follow suit if there is any possible way to do so.

The Mullanphy Florists, Inc., have one of the best corner locations in the city and the proprietors are Wm. A. Seeger, Nat M. Kingsley and Martin J. Seeger. Mr. Seeger says that business has been good right along with a heavy demand for funeral work. Miss Betty Carlson, A. M. Elleson and Julius Schaeffer, who were formerly employed in Chicago retail stores, are on the Mullanphy staff in addition to several other efficient salesmen, salesladies and designers.

C. A. Kuehn has been on the sick list for several days, but is again attending to his duties at the store. He is the oldest wholesale florist in this city and has about as nice an establishment as one can find devoted to the wholesale end of the business. He carries a nice line of stock and experiences no difficulty in disposing of it, the demand especially around the holidays being exceptionally good.

Grimm & Gorly have a splendid store and do a large business which is due principally to the able management of Frank X. and Vincent Gorly.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...	\$10.00 to \$15.00
Ophelia	} Long...\$10.00-\$12.00
Sunburst.....	
Killarney.....	
W. Killarney...	
Kill. Brilliant..	Short..... 6.00

CARNATIONS, De Luxe.....	\$4.00
Good.....	3.00

Miscellaneous

Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.75 to	1.25 per 100
Sweet Peas.....	1.50 to 2.00 per 100
Paper Whites...	3.00 to 4.00 per 100
Ferns.....	2.50 per 1000
Asparagus.....bunch,	35c to 50c each
Sprengeri .....bunch,	25c to 35c each
Galax.....	\$1.00 1000
Mexican Ivy.....	.75c per 100
Boxwood.....large bunch,	25c each

Subject to Market Changes.

M. W. Uhl Schmidt, manager of the East St. Louis store, was present at the time of our visit and they were seriously thinking of making some important changes to their store at the time. They occupy the whole building and it is surprising what a large stock of supplies they carry.

George Waldbart, who has been in business here since 1878, is on the job every day at his store and believes in paying strict attention to business, and is usually the last one to close up at night. He can well remember the day when there were no wholesale houses in this section of the country and he could not secure his stock as quickly and choose from such a variety as he can today.

George H. Angermueller is busy getting a stock of wire hanging baskets ready for the spring trade and will have more than ever to offer this season. He says that he sold an unusually large number last year, but is increasing his output so that all orders can be filled in full promptly. Mr. Angermueller does a large local supply business and also has a big mail order trade.

The local dailies devoted considerable space to the annual exhibition and convention of the American Carnation Society, held here last week. The exhibition hall was open to visitors on certain hours each day and quite a number took advantage of the opportunity to inspect the newer varieties that were on display and were each presented with one to wear.


Miss M. S. Newman has been in business here for 21 years, during which time she has built up a splendid trade. She took over the Armstrong business and is ably assisted at the store by Philip Rehn and several others. Miss Newman had a pleasant visit this week from Miss Belle Miller, the popular florist of Springfield, Ill.

Fred C. Weber says that next September will mark his fiftieth year in business in this city and he has every reason to feel proud of his establishment, for it is well kept up and it is very noticeable that he handles the best of stock. He had a nice window showing of spring flowers and white lilac at the time of the writer's visit.

C. Young & Sons Co. have a splendid establishment and do a large business. This is one of the oldest firms in the city and have a reputation of square dealing of which anyone might

WHY

send several wires to receive back a reply "impossible to fill," **when a wire sent to us will bring you the goods?** We have a **large supply** in spite of the fact that many wholesalers have but little with which to fill their orders.

 We made good last week—Can do so again this week.

HEAVY SUPPLY For VALENTINE'S DAY

Beauties, Orchids, Roses, Carnations, Lilies, Valley, Violets, Sweet Peas, Stevia, Tulips, Mignonette, Narcissus and all other Cut Flowers and Greens.

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

CUT FLOWERS

**Prices
As
Low
As
Others.**

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

well be proud. Their competitors seem to be their best boosters, for everywhere one went everyone was handing a bouquet to the Youngs.

Mrs. A. Waldbart, wife of the pioneer florist, died last week and the funeral was held from the home Thursday, January 27, when the remains were laid to rest in Calvary cemetery. The floral tributes from the trade were many and beautiful and the wholesale as well as retail houses were well represented.

Tom Carr, everyone knows Tom, has the following on the back of his card: Hawker—Buy a flower, sir? Billion—No, thanks. Hawker—Buy one for your wife, sir. Billion—Haven't one. Hawker—For your sweetheart, then. Billion—Haven't one, either. Hawker—Well, buy one to celebrate your luck.

Richard A. Tubbesing is well pleased with business at the Ayres Floral Co. and is a promising young fellow of whom more will be heard in the future. This store, like all other St. Louis establishments, is nicely kept up, and a visitor cannot help but be attracted by its inviting appearance.

The Townsend Floral Co. is enjoying a splendid retail business and has two delivery cars on hand, a Premier and Ford, which come in very handy at times. J. B. Reindfleisch has charge of the delivery system and conservatory which is always kept nicely stocked with plants.

Fred. Lautenschlager, with Kroeschell Bros. Co., Chicago, called on the growers here this week and did a nice business. His firm was the only one to have an exhibit at the annual convention and exhibition of the American Carnation Society held here last week.

Some of the visitors wanted to know why Milwaukee should be jealous of St. Louis. Some found out the

reason, but it is a pleasure to report that even though some visitors remained over until Sunday that it was not because they had too large a sample of it.

F. H. Weber has a nice establishment at Boyle and Maryland avenues which one might call a combination store and conservatory and which is always kept as clean as a whistle. He uses fine stationery and shipping tags and fills quite a number of telegraph orders.

F. J. Foster is figuring on moving to a better and larger store on Olive street soon for he is not quite satisfied with his present stand. Mr. Foster is an old Chicago man and was formerly in the employ of the Arms Floral Co. there many years ago.

D. Scott Geddis, manager of the cut flower department of Scruggs-Vandervoort-Barney, reports business as good, which is not at all surprising when one has occasion to visit this store and see what a large line of stock is carried.

CALIFORNIA VIOLETS

Get your shipment direct from the grower.

ENOMOTO & CO., Inc.

WHOLESALE FLORISTS

35 Saint Anne St., Phone Douglas 4295. San Francisco, Calif.

NURSERY, REDWOOD CITY, CALIF.

D. S. Brown has donated a nice collection of cypripedium and hybrid orchids, said to be valued at about \$2,000, to the Missouri Botanical Gardens. He has one of the finest private collections west of the Mississippi river.

Ostertag Bros. are always ready to fill telegraph orders and make a special effort to get out all orders on time. A good supply of stock is carried and their service is of such high order that it is bound to give satisfaction.

The Wm. C. Smith Floral Co. is satisfied with business conditions and has no kick whatever to register. This firm handles a large quantity of the A. A. Arnold Co.'s folding boxes and reports a brisk demand for same.

H. Johann is a familiar figure in the market and buys considerable stock for his retail trade, notwithstanding the fact that he has considerable glass of his own at Collinsville.

Alex Siegel reports business as good and has a fine location where he en-

VALENTINE SPECIALS

25 Kewpie Baskets, \$15.00

in the two-tone and bronze finishes, and finely hand painted.

12 KEWPIE BASKETS . . \$8.00

(SAME AS ABOVE)

25 Two-tone and bronze Baskets, water glass size, \$7.50.

Medium and Tall Cut Flower Baskets With Liners,
40 cents, 50 cents, \$1.00, \$1.50, \$2.00 and \$2.50 each.Assortment 25 Baskets to be used with moss, glass or other small receptacles,
\$3.00. Stained violet, green and bronze, with a variety of attractive designs.To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue
car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO., 713 Milwaukee Ave., Chicago, Ill.

PHONE, MONROE 4977.

joys a splendid transient trade. Funeral orders have been plentiful of late and he has no cause whatever to complain of dull times.

J. A. Kropp, who has about 10,000 feet of glass devoted to carnations that are all grown for the local market, is cutting a nice supply of stock now.

Frank A. Windler and A. W. Grumb of the Windler Wholesale Floral Co. are well pleased with business and are showing a very fancy grade of sweet peas.

W. A. Rowe is going to build several new houses in the near future.

Robert Windler of Chicago renewed old acquaintances here last week.

Benj. Albers, Henry F. Aue, J. W. Boerm, Frederick W. Bruenig, Emma Buchrucker & Sons, H. L. Eirich, Sr., Eggeling Floral Co., J. F. Filmore & Son, Andrew Luth, Jacquemin-Lambach Floral Co., Alex Johnson, Kalisch Bros. Floral Co., Inc., Kelley Floral Co., John G. Knoll, Koenig Floral Co., W. Kruse, Emil Loewman, Fred. H. Meinhardt, Theodore Miller, John Nyflot, O'Leary, Ostertag Bros., Mrs. Max Pelletier, Reynolds & Stoelting Floral Co., Schoenle Floral Co., Wm. Schray & Sons, A. F. Wolman and Windlers all have nicely kept establishments and are always pleased to show visitors about.

Cleveland.

SUPPLY BECOMES MORE PLentiful.

While market conditions remain about the same as a week ago, with roses still short of the demand, carnations are more plentiful and good sized orders are taken care of in full. Freesias are in good demand. Sweet peas are arriving in greater numbers and the quality is good. Orchids have also been quite plentiful. A few daisies and calendulas are to be seen, but the supply is limited. Paper Whites, daffodils and Lorraine tulips are in good demand, as are callas. Easter lilies are scarce. Asparagus plumosus and Sprengerii and Adiantum ferns were short of requirements this week. Inquiries for supplies for St. Valentine's day show a lively interest in being taken in the occasion by local florists.

A baby girl arrived at the home of Harry Daw and wife, January 23. Congratulations.

Visitor: Stephen Green, of H. Bayersdorfer & Co., Philadelphia, Pa. C. F. B.

Westchester and Fairfield Society.

The annual entertainment and dance of the Westchester and Fairfield Horticultural Society will be held in the Town Hall, Greenwich, Conn., Wednesday evening, February 16, beginning at 7:30 o'clock. The popularity of these entertainments in past years guarantees a large attendance. The members of the society, their families, and friends in the trade are cordially invited to attend. Refreshments will be served. Do not stay at home on account of the "kiddies." Bring them along.

P. W. POPP, Cor. Sec'y.

Los Angeles.

STOCK IS SCARCE.

The heavy rains of the past week have hurt all outdoor stock. Lath house carnations are in bad condition and will be until new bloom comes on. Roses are scarce, but the quality seems good. Some fine white and pink Killarneys are seen; also Shawyer. Narcissi are now on and are selling well. Roman hyacinths are showing up and a few Easter lilies are now seen. Business is confined mostly to wedding and funeral work. A late arrival of rhododendrons were on sale this week, but plant sales have not been very brisk of late. However, with improved weather conditions more flowers and plants will be sold over the counter than for the past two weeks.

NOTES.

The Redondo Floral Co. is now located at 218 West Seventh street in the Hotel Lankershim building. This is one of the oldest firms in the city and by painstaking work and conservative management they have built up a trade in cut flowers and plants that is second to none. By their removal they get into the heart of the shopping district, where they will, no doubt, build up even a larger trade than they formerly enjoyed.

One of the largest stocks shown the past week was that of J. M. Wolters, 627 South Hill street. Some beautiful specimens of heather were displayed, besides a full stock of roses in variety, in addition to all other flowers and plants usually shown at this time of the year, including Easter lilies.

Seedsmen in this vicinity are feeling good these days. They believe that on account of the unprecedented rains, that every foot of available land in southern California will be planted to

U S Budlong's
E Blue Ribbon Valley.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00

Special price list of other supplies mailed free.

GEO. H. ANGERMUELLER
Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

something this spring and they are looking for a busy season.

The Broadway Florists have been favored with some big wedding orders of late. A church wedding at Ontario, Calif., and one in Los Angeles, which was held in one of the city's big banquet halls, took several loads of flowers and plumosus.

The Los Angeles Floral Co.'s business has been interrupted by the recent storm, on account of their inability to receive or ship stock, as all railroads were tied up and more or less demoralized for several days.

G. H. H.

LOS ANGELES, CALIF.—In a will filed here, February 1, Suzanne Blanche Wolfskill, who died recently at Pasadena, Calif., bequeathed \$50,000 to the family of the mother of her late husband. The mother's maiden name was Ashcroft, but as the maker of the will did not know where the family resided the money will be placed in trust here until claimed.

PADUCAH, KY.—John Van Aart has returned from St. Louis, Mo., where he attended the annual meeting and exhibition of the American Carnation Society and was well pleased with the varieties on display. He is going to build a new range of houses consisting of 25,000 feet of glass this spring and is now asking for bids on the materials. Mr. Van Aart placed an order with Bassett & Washburn while he was in St. Louis for 2,000 rooted cuttings of their new carnation Belle Washburn, which attracted so much favorable attention at the exhibition.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

FOR ST. VALENTINE'S DAY--ORDER HERE

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John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

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BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
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Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	\$6 00@7 50
" " 36-in.....	5 00
" " 30-in.....	4 00
" " 24 in.....	3 00
" " 20-in.....	1 50@2 00
" " 18 in.....	1 00
Mrs. Chas. Russell....	1 00@5 00
" Hoosier Beauty.....	6 00@15 00
" Killarney Brilliant.....	5 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" Richmond.....	5 00@15 00
" Prince de Bulgarie.....	5 00@15 00
" Rhea Reid.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Mrs. Geo. Shawyer.....	5 00@15 00
" Milady.....	5 00@15 00
" Sunburst.....	5 00@15 00
" Mrs. Aaron Ward.....	5 00@15 00
" Hadley.....	5 00@15 00
" Ophelia.....	5 00@15 00
" Our selection.....	5 00
Carnations.....	3 00@5 00
Cattleyas....per doz., 6 00@7 50	
Gardenias....per doz., 3 00@4 00	
Gladioli.....	2 00@6 00
Jonquils.....	5 00
Freesias, Tulips.....	4 00@6 00
Lilium Harrisii.....	12 50@15 00
Mignonette.....	6 00@8 00
Paper Whites.....	3 00@5 00
Romans.....	3 00@4 00
Stevia.....	2 00
Sweet Peas.....	1 50@3 00
Valley.....	4 00@5 00
Violets, single.....	75@1 00
Violets, double.....	50@1 00
Adiantum Croomianum.....	1 00@1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy...per 1000, 5 00@6 00	
Plumosa Strings, each, 60@75	
Smilax.....per doz., 2 00@2 50	
Sprengel, Plumosa Sprays.....	3 00@4 00
Boxwood, 25lb per case.....	7 50:

MARYSVILLE, Mo.—Work on the construction of the new greenhouse at the state normal school was started January 24.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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Wholesale **CUT FLOWERS**
Growers of

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00
Alice—Salmon shade.....	6.00	50.00
Sieghard.....	6.00	50.00
Enchantress Supreme—Light Salmon	3.50	30.00
Philadelphita—Rose pink.....	5.00	35.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	5.00	35.00

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

PRICES DROP AS SUPPLY INCREASES.

Stock in almost all lines is much more plentiful while the demand has fallen off, in consequence of which prices have taken quite a tumble, carnations and violets taking the lead in the decline, the difference being as much as from 50 to 100 per cent over the figures of two weeks ago. The quality of almost everything is all that could be desired, carnations being now at their best. One great factor has been the weather, which has been almost summer-like in its mildness, the temperature from Monday until Saturday running well above 60° each day, even reaching 70° one day. It has been the warmest continuous period of weather for January in the record of the weather bureau for this city. This condition brought on the crops very fast and was hard on the stock when in the stores, roses opening up very quickly. American Beauties are now off crop with nearly all the growers, which gives the Russell an added importance. The Killarneys are now much more plentiful, there being more of the shorter grades so popular with most buyers. Daffodils are seen on every hand and prices have declined 75 to 100 per cent. There will be a large demand for them at the low prices. Easter and calla lilies are holding up very well, realizing high prices. Cattleyas are plentiful, but said to be nearly cut out and likely to be much scarcer. Lily of the valley is shy. Freesia is plentiful and lilac cleans up daily. Sweet peas are to be had in variety in all grades; the best are wonderfully fine.

CLUB MEETING.

The monthly meeting of the florists' club held February 1, was a record breaker both in the attendance and the grand exhibition of carnations and other flowers. The committee had called it "carnation night" and the 50 or more vases, many of them containing 50 or more blooms of a variety, certainly proved their assertion. They came from all over the country—as far west as Nebraska. Chicago sent several vases and Connecticut and Massachusetts growers were well represented with vases of splendid blooms. Local growers and nearby towns turned out well, many pet new ones being in varying quantity. Among the varieties were Nebraska, Belle Washburn, Red Wing, Red seedling P. J. Olinger, Miss Theo, Matchless Morning Glow, C. W. Ward, Gloriosa, Laura Weber, Pearl, Benora and sport of same, Rosetta, White Wonder, Alice, and a number of superb flowers of seedlings and the favorite bread and butter sorts of today. There were also vases of the new roses, Prima Donna, Mrs. Bayard Thayer, Red Russell and Mrs. Moorfield Storey, also fine vases of the popular yellow, Mrs. Ward. A handsomely arranged basket of carnations by Vollers House of Flowers, was a feature. There were also well flowered acacias from Zeigler & Son, cyclamen from the Robert Craig Co. and a fine box of mixed flowering and foliage plants by W. K. Harris. The Strafford Greenhouses' collection of popular sorts of

Wholesale Flower Markets

BOSTON, Feb. 2.

Per 100

Roses, Beauty.....	50 00@75 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@5 00
Sweet Peas.....	1 50@2 00
Carnations.....	1 00@2 00
select.....	2 00@3 00

BUFFALO, Feb. 2.

Per doz.

Roses, Beauty, special.....	6 00
" " fancy.....	5 00
" " extra.....	3 00
" " No. 1.....	2 00
Per 100	
" " No 2.....	6 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Killarney Queen.....	5 00@15 00
" Richmond.....	6 00@15 00
" Sunburst.....	6 00@15 00
" Ward.....	4 00@8 00
" Taft.....	6 00@15 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Sawyer.....	6 00@15 00
" Bon Silene.....	4 00@5 00
Lily of the Valley.....	4 00
Lilies.....	10 00@12 00
Cattleyas.....	40 00@50 00
Carnations.....	2 50@4 00
Snagdragons.....	6 00@10 00
Violets.....	60@75
Yellow Tulips.....	3 00@4 00
Daffodils.....	3 00@4 00
Freesias.....	2 50@4 00
Asparagus Sprengerii.....	35@50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Feb. 2.

Roses, Beauty.....	per doz., \$1 50@16 00
Per 100	
" Killarney.....	3 00@8 00
" My Maryland.....	3 00@8 00
" Richmond.....	3 00@8 00
" Taft.....	3 00@8 00
Lily of the Valley.....	4 00
Lilium Giganteum.....	8 00@12 50
Asparagus Plumosus.....	per doz., 25c
Orchids.....	per doz., 6 00@7 50
Carnations.....	2 00@4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	75@1 00
Narcissus.....	2 00@3 00
Sweet Peas.....	75@1 00
Daffodils.....	2 00@4 00
Jonquils.....	2 00@4 00

carnations was much admired, as was the fine vases of favorites and a lot of very promising seedlings.

R. T. Brown, who was to review the new carnations in a prepared paper, was unable to be present. Addresses were made, however, by a number of the visitors. Professor F. L. Mulford of the test gardens at Washington, D. C., told of the work they were doing with the rose and other plants and the great possibilities of the future along these lines. Robt. Simpson, of Clifton, N. J., said that Ophelia was the most profitable rose he had ever grown. He thought well of the new light and dark sports of Russell and predicted a future for Prima Donna. A. J. Guttman, of New York, spoke

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

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American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

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Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

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Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

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Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

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Everything in the
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Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
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Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

of the recent national carnation meeting at St. Louis and the great enthusiasm he found there for the coming national show, which he said was sure to be a record breaker. L. J. Reuter said the meeting with its great show of flowers and splendid attendance was an inspiration to him. No other city, from what he had seen, had anything on Philadelphia. He guaranteed the support of the whole country in the coming show. Mr. Therkildson told of his publicity work and urged all who could in any way help in the movement to get busy at once. He especially wanted photos of anything meritorious. Eleven new members were elected and 10 new names submitted for membership.

NOTES.

Chairman Therkildson of the publicity committee of the National flower show is busy distributing the various posters and window cards. Every florist, in and out of town in this and adjoining territory, should give these cards as good a space as possible in his store and also see that his trade knows all about the great show weeks before the opening date. E. J. Fancourt, chairman of the trade ticket committee, is getting a number of quite large orders from the craft. They will be ready for delivery about March 15 and should be early placed in good hands, so that the opening days shall show a splendid attendance. Sub leases have reduced the cost of the improvement in Convention hall to \$1,300—there is still a chance in the coming six weeks, for an additional lease or two.

A meeting of the executive committee of the National Rose Society

GUST. RUSCH & CO.



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Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Feb. 2.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
" first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@\$1.50		
Sweet Peas.....	1 00@ 2 00	
Snapdragons.....	8 00@20 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50@ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Feb. 2.		Per 100
Roses, Beauty, special.....	50 00	
" fancy.....	40 00	
" extra.....	20 00@30 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@10 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	75 00	
Lilium Giganteum.....	15 00	
Sweet Peas.....	75@ 1 50	
Narcissus.....	3 00	
Daffodils.....	3 00@ 4 00	
Tulips.....	3 00@ 4 00	
Carnations.....	3 00	
White Lilac..... per bunch, 1 50		
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, Feb. 2.		Per 100
Roses, Killarney and W. Killarney.....	6 00@12 00	
" Ward, Sunburst.....	6 00@15 00	
" Mrs. Chas. Russell.....	10 00@40 00	
" Ophelia.....	6 00@12 00	
" Hoosier Beauty.....	6 00@15 00	
Lilies..... per doz., 1 50		
Daisies.....	50@ 75	
Cattleyas..... per doz., 6 00		
Stevia.....	1 50@ 2 00	
Narcissus.....	3 00@ 4 00	
Sweet Peas.....	1 00@ 2 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Feb. 2.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" Aaron Ward.....	4 00@10 00	
" Sunburst.....	5 00@10 00	
" Ophelia.....	6 00@12 50	
" Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	2 00@ 3 00	
Orchids.....	25 00@50 00	
Callas.....	10 00@12 50	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Mexican Ivy.....		

was held on February 1 and much routine work in connection with the coming show was gone over. Judges were appointed and details of the schedule arranged. It was decided to have a booth with an attendant to exploit the society and its work. A new bulletin is also to be sent out which will be the most complete ever issued by the society. Benjamin Hammond, H. O. May, S. S. Penneck, Robert Simpson, L. J. Rueter and Prof. F. L. Mulford were in attendance.

Walter Davis met with a painful accident January 26, an inexperienced chauffeur in a Ford car knocking him against a wall. He received a painful crack on the head and a badly bruised body. He was taken to the hospital, where it required several stitches to mend his scalp. As an exponent of peace he finds the Ford a failure.

Gardenias are a bone of contention. More have been coming to the market than were required for the regular channels and the balance was sold to the "outlaws" at ridiculously low prices. The legitimates kicked hard and in consequence the "powers that be" have promised to insist on at least a fair price for the surplus.

Choice freesias, daffodils and sweet peas are leaders in the Berger Bros. market. Easter lilies and callas are also seen in quantity.

The Leo Niessen Co. is handling gardenias in quantity and the stock is fine. Lilac and orchid sweet peas are also features.

The Philadelphia Wholesale Cut Flower Co. is pushing a line of choice carnations. Single violets are also a specialty.

The Robert Craig Co. is still showing splendid cyclamens, their later crop producing an abundance of fine flowers.

Edward Reid's Sunburst roses are splendid stock. Orchid sweet peas are also a feature. K.

New York.

SUPPLY HEAVIER BUT PRICES FIRM.

Relating to the volume of business, it is enough to state that though there is a perceptible increase in the supply of tea roses and carnations, prices have not fallen to any extent. The supply of sweet peas and much bulbous stock is heavier and the prices are somewhat lower. Good Spencer sweet peas can be bought wholesale for \$1.50 per 100, narcissi \$3 to \$4, tulips \$3 to \$4. Lilies and lily of the valley remain firm. Orchids continue very cheap and violets are not doing as well as they were a week ago. Gardenias are more plentiful and the inferior grades are cheap. American Beauties are scarce. There has been a period of unusually warm weather. On January 27 the mercury registered 66 degrees in this city. January 28 was almost as warm, but there was wind, which made it more endurable, the point being that people wearing heavy overcoats and furs do not like to lay them aside in January. The volume of funeral work continues quite heavy and there is a strong demand for short roses. Violets are now being much used in casket covers.

February 2.—Following a period of warm, rainy and foggy weather, the supply of stock has increased with no corresponding demand and in consequence there is a great slump in the market. Carnations at this writing are quoted at from \$1 to \$3 per 100, with fancies selling at \$4. The weather continues bad with rain and sleet.

NOTES.

Henry Hart, Inc., 1000 Madison avenue, had the decoration, January 27, for the wedding of Miss Carola T.

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 260 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Warburg to Walter N. Rothschild. The wedding was solemnized in the elegant home of the bride's parents, Mr. and Mrs. Felix M. Warburg, 1109 Fifth avenue. Under the hands of the skillful decorators the room in which the ceremony took place was transformed into a floral chapel. The altar was banked with flowers, and flowering and foliage plants were seen in profusion. The bride carried a shower bouquet of lily of the valley and the bridesmaids carried bouquets of Killarney roses.

On January 29 we found A. T. Bunyard, 413 Madison avenue, very busy with funeral work, having made up a casket cover of Adiantum Farleyense and cattleyas and also a number of fine designs. He is handling exceptionally fine orchid sweet peas and has the "boys" guessing where he gets them.

On January 28, Thos. F. Galvin, Inc., had the family orders and was in charge of the floral arrangements for the funeral of Herman Duryea, a well known citizen, which was held at Grace church. The pall was of violets and many fine floral tributes were noticed.

We have recently noticed a very fine display in Alexander McConnell's large show windows, Fifth avenue and 49th street. Pots of white lilac, heather, forsythias and other spring flowers have been arranged with fine effect. Business continues good at this store.

The finest Hadley roses in the market are at P. J. Smith's, 131 West 28th street, the specials being almost equal in length of stem, to American Beauties, and all have fine blooms. They wholesale at from \$7 per 100 for No. 2's to \$50 for specials.

The next meeting of the New York Florists' Club will be held on the night of February 14 (St. Valentine's day) and, by the way, let us remind the "younger set" that heart shaped boxes filled with flowers can be bought of retail florists.

A feature at Chas. Thorley's, Fifth avenue and 46th street, during the warm days of the past week, was many pans of tulips arranged outside at the front of the store. There is seldom an opportunity for such a display in January.

Frank Traendly went to Morristown, N. J., January 27 and acted as toastmaster at the annual dinner of the Morris County Gardeners' and Florists' society. Walter F. Sheridan was also present as one of the speakers.

N. J. Miller, 547 Columbus avenue, reports good business. He is one of the regular buyers in the early morning market. In all his activities he is ably assisted by Mrs. Miller.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

The Bell Rosary, 2654 Broadway, is showing very handsome window decorations. They also have good export business. N. P. Whitley, who has taken a financial interest in this store, is also active in its management.

No wholesale store shows a greater variety of stock than does William P. Ford's, 107 West 28th street. He is handling fine stock of Killarney Brilliant roses, lilac, sweet peas, bouvardias, carnations and other stocks.

George I. Okkerse, who now has the retail store at 789 Madison avenue, formerly conducted by Young & Nugent, has been making improvements and seems to be prospering.

D. C. Arnold & Co., Inc., 112 West 28th street, are handling fine carnations from their range, Babylon, N. Y., where they have 50,000 square feet of glass.

One of the busiest buyers in the wholesale district is Costos Sakelos, the Colonial Florist. He now has four retail stores and is doing a good business.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Bouvar-
 dias, Sweet Peas, Asparagus Plum-
 osus Nanus, Smilax, Paper White Nar-
 cissus, Tulips and Golden Purs.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
 20 Years' Experience.

D. C. ARNOLD & CO., Inc.
Wholesale Florists
112 W. 28th St., NEW YORK
 Telephone 2287 Farragut
 CONSIGNMENTS SOLICITED.

Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Feb. 2.	Per 100
Roses, Beauty, special.....	40 00@60 00
" " extra and fancy.....	25 00@35 00
" " No. 1 and No. 2.....	10 00@15 00
" Prima Donna, special.....	15 00@30 00
" Alice Stanley.....	4 00@15 00
" Francis Scott Key, special.....	10 00@12 00
" Mrs. Geo. Sawyer.....	4 00@10 00
" White Killarney, special.....	8 00@10 00
" Killarney, My Maryland.....	8 00@10 00
" " special.....	8 00@10 00
" " No. 1 and No. 2.....	3 00@5 00
" " Queen.....	4 00@15 00
" " Brilliant.....	4 00@12 00
" Aaron Ward.....	4 00@15 00
" Richmond.....	4 00@12 00
" Sunburst.....	4 00@12 00
" Taft.....	4 00@12 00
" J. L. Mock.....	4 00@15 00
" Hadley.....	7 00@50 00
" Ophelia.....	4 00@15 00
" Mrs. Chas. Russell.....	4 00@12 00
" Hoosier Beauty.....	4 00@15 00
" Cattleya Orchids, special.....	25 00
" inferior grades.....	10 00@20 00
" Oncidiums.....	per flower, 3c
" Cypripedium.....	per doz., \$1.50@2 00
" Lilies, Longiflorum and Harrisii.....	10 00@12 00
" Lily of the Valley.....	2 00@4 00
" Carnations.....	1 00@4 00
" Bouvardias.....	2 00@4 00
" Adiantum Croweanum and	
" Hybridum.....	50@75
" Asparagus Plumosus.....	doz. bchs. 2 40@3 00
" Smilax.....	doz. strings. 1 00@1 25
" Gardenias.....	per doz., 2 00@4 00
" Violets, single.....	40@50
" " double.....	25@40
" Sweet Peas, orchid flowered.....	1 50
" " common.....	50@1 00
" Mignonette.....	per doz., 50c@75c
" Pansies, cut.....	50@1 00
" Narcissus, Paper White.....	3 00@4 00
" Narcissus, Trumpets, spurs.....	3 00@5 00
" Freesias.....	2 00@3 00
" Tulips.....	2 00@4 00
" Flamingo.....	5 00
" White Lilac.....	per bunch, \$1.00@\$1.25
" Snapdragons.....	per doz., 1 25@1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066
HERMAN WEISS
 Wholesale Florist
106 W. 28th St., NEW YORK





Our Valentine Offer RED HEART BOXES

FOR Valentine Corsage Bouquets, made in 2 sizes, nested. Packed 12 or 24 nests in a corrugated container. A carton supplied for each size, saving you the trouble and expense of extra wrapping.

Price, 30c per nest.

Also made with a white glazed top printed in two colors, Red and Gold with our Red Heart and Gold Arrow design at 35c per nest.

As our supply is limited it would be well to place orders early to insure delivery.

A. A. ARNOLD PAPER BOX CO.
1302-8 West Division St., CHICAGO

Mention the American Florist when writing

The engagement has been announced of Miss Tillie Lazarus of Bradley Beach, N. J., and Samuel Salzberg, a well known salesman for the Walter R. Siebrecht Co., Inc., 114 West 28th street. Sam has been a popular lad in the wholesale district for a number of years and we have always thought that he would make some good woman a good husband. We wish them happiness and success.

William Kather, who last fall opened a retail store at 754 Madison avenue, is doing well and his business is constantly increasing.

Paul Meconi, in the Coogan building, is receiving fine stock of orchids, roses, gardenias, lilies, freesias and other bulbous stock.

Badgley & Bishop, Inc., 34 West 28th street, are now receiving fine stock of gardenias, roses, carnations and spring flowers.

At George C. Siebrecht's, 109 West 28th street, we have noticed fine stock of the tulip, Flamingo, which brings top prices.

Isaac Abrams, of Seventh avenue, Brooklyn, reports that his trade has continued remarkably good since the holidays.

Riedel & Meyer, Inc., 49 West 28th street, are receiving fine stock of yellow daisies, mignonette and sweet peas.

W. S. Allen is receiving excellent cut camellia blooms.

A. F. F.

Horticultural Society of New York.

An exhibition of this society will be held Wednesday, February 16, 1916, at the American Museum of Natural History, Central Park West and 77th street, New York. Premiums are offered for cut orchid blooms, roses, sweet peas, schizanthus, snapdragons, freesias and narcissi. Special prizes may also be awarded for exhibits not provided for in the schedule. All are invited to bring any unusual plant or flower, or plants or flowers showing unusual excellence in cultivation. Schedules are now ready for distribution, and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City. A meeting of the society will be held at 4 p. m., at which a lecture will be delivered by Arthur Herrington on "Iris Gardens," illustrated by colored lantern slides.

GEORGE V. NASH, Sec'y.

J. H. VON CANON Fresh Fancy Ferns



\$3.50 per case of 5000.

Now is the time to order Ferns for cold storage and we have the stock.

Wire Me
Elk Park, N. C. **BANNERS ELK, N. C.**

Cincinnati.

SUPPLY IS MUCH HEAVIER.

The supply in the market is much heavier than it was for a few weeks and as a result the market is easier than it was. Prices are tumbling fast. Shipping business is good. The supply of roses, while larger than it was, still has not increased very materially. American Beauties, however, are plentiful and of excellent quality. A heavy and good cut of carnations is coming into the market. Easter lily receipts have increased greatly. Since the heavier supply of carnations is coming into the market the demand for Paper White narcissi, jonquils and daffodils is not as large as it was. Violets and orchids are in a heavy supply while receipts in lily of the valley are fair. Other offerings include rubrums, callas, primroses and freesias.

NOTES.

Clarence Peterson is now a proud "daddy." The stork paid a visit to his home last week, and left a boy.

While returning from St. Louis, C. E. Critchell spent a day at Richmond, Ind., visiting the florists there.

Ed. Buschle, of C. E. Critchell's, recently was operated upon for appendicitis.

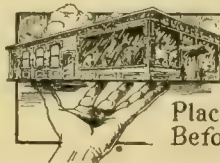
Ben George, Jr., is convalescing, after his recent attack of pneumonia.

Visitors: N. Zweifel, W. R. Schroeder, H. V. Hunkel and Gus. Pohl, Milwaukee, Wis.; S. Lipman, representing Thomsen & Co., and Julius Dilloff, representing Schloss Bros., New York City; Fred Rupp, Lawrenceburg, Ind.; Floyd Anderson, Xenia, O.; Miss Lodder, Hamilton, O., and Mrs. J. J. Lampert, Xenia, O.

H.

WATERTOWN, S. D.—This city has been selected for the next annual meeting place of the South Dakota State Horticultural Society.

Retail Florists



Place Your Business
Before More People

Now is the time to prepare your advertising for February, March and April, covering

St. Valentine Day
Easter

Mother's Day
Spring Planting

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF - SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

Mention the American Florist when writing

New York Bowling.

Members of the New York Florists' Bowling Club rolled the following scores, January 27:

Jacobson	173	159	143
Fenrich	166	147	160
Scott	158	148	182
Miesem	175	206	164

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: NEW YORK
We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Member Florists' Telegraph Delivery.
Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery
Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

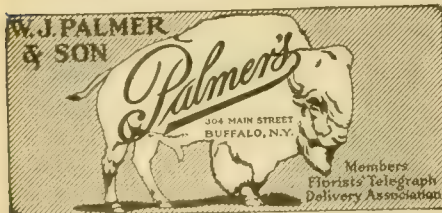
For Wisconsin Delivery

—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10, W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldoebhl, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fettes, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trenel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery
Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park
Floral Co.
J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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PAUL M. PALEZ
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All orders carefully filled and delivered to all parts
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We give personal attention to your orders and
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Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

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Mail or telegraphic orders promptly and most
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Established over 20 Years.

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Wire or Phone Your Orders to the
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The Largest Retail Supply House in the West
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Flowers or Design Work.

Delivered in Albany and vicinity on
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Canada's best known and most reliable florist

Only the Best Dunlop's

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We deliver anywhere in Canada and guarantee
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799 Boylston Street

Deliveries to Steamers and all Eastern Points

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Orders Carefully Executed

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Wholesale and Retail

Members Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of

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We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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Choice Cut Flowers

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Flowers delivered in city and state on short notice
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GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2½ in. pots, 4 leaves, 8 to 10 in. high	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4½ to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5½ to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6½ to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

	Height.	Doz.	100	1000
2½ in. pots, 4 leaves, 8 to 12 in.		\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5 leaves, 12 to 15 in.		2.00	15.00	140.00
4 in. pots, 5 to 6 leaves, 15 to 18 in.		4.50	35.00	Each
5 in. pots, 5 to 6 leaves, 22 to 24 in.				\$0.75
6 in. pots, 6 leaves, 28 to 30 in.				1.00
6 in. pots, 6 leaves, 34 to 36 in.				1.50
7 in. pots, 6 to 7 leaves, 38 to 40 in.				2.00
7 in. pots, 6 to 7 leaves, 40 to 42 in.				3.00
8 in. tubs, 6 to 7 leaves, 45 to 48 in.				4.00
8 in. tubs, 6 to 7 leaves, 4 ft.				5.00
10 in. tubs, 6 to 7 leaves, 4½ to 5 ft.				6.00
11 in. tubs, 6 to 7 leaves, 5 to 5½ ft.				8.00
10 in. tubs, 6 to 7 leaves, 5½ to 6 ft.				10.00
12 in. tubs, 6 to 7 leaves, 6½ to 7 ft.				15.00
1½ in. tubs, 6 to 7 leaves, 7 ft.				20.00

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HENRY A. DREER, 714-716 Chestnut Street, **PHILADELPHIA, PA.**



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PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations. We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread			\$1.00
6 in. pots, 1½ ft. high, 2 ft. spread			2.00
7 in. tubs, 1½ to 2 ft. high, 2 ft. spread			2.50
8 in. tubs, 2 ft. high, 2½ ft. spread			3.00
10 in. tubs, 2 to 2½ ft. high, 2½ ft. spread			5.00
10 in. tubs, 2½ ft. high, 3 ft. spread			7.50

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(NEW CROP—READY NOW)

Plump and of high germinating
quality, Northern Greenhouse
grown, the same high class strain
as supplied by us for the last 15
years.

Per 100 seeds, 50c; 250 seeds,
\$1.00; 1000 seeds, \$3.50; 5000
to 10,000 seeds at \$3.25 per 1000.

All other seasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendell, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

GILROY, CALIF.—Mrs. L. W. Wheeler is in Honolulu for a brief vacation.

VISITED NEW YORK.—David Burpee, of W. Atlee Burpee & Co., Philadelphia, Pa.

SOME New York jobbers report purchases of *Lilium giganteum* bulbs in London.

THE Griswold Seed Co., Lincoln, Neb., is reported sold to a Mr. Quick for about \$30,000.

SEVERE and continued cold weather west of the Missouri river makes the seed trade slow and backward.

SAN FRANCISCO, CALIF.—The Oriental Seed Co. has been forced to close its doors, owing to financial troubles.

CHICAGO.—Prices for grass seed on the Board of Trade, February 2, were as follows: Timothy, \$6 to \$8 per 100 pounds.

LEONARD H. VAUGHAN, of Vaughan's Seed Store, Chicago, who returned from the west February 2, reports business improving in that territory.

PROMISCUOUS distribution by Michigan congressmen of free seeds furnished by the department of agriculture has been strongly condemned by the Michigan Experiment Association.

THE annual convention and exhibition of the National Canners' Association will be held at the Seelbach hotel, Louisville, Ky., February 7-12, as announced in our issue of November 20, 1915.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; A. T. Ferrell, Saginaw, Mich., returning from Hot Springs, Ariz., whither he had escorted his family for the winter.

ARNOLD RINGIER, of the W. W. Barnard Co., Chicago, reports that Mr. Barnard is now at Santa Barbara, Calif., and that his health continues to improve quite satisfactorily. Mr. Ringier says the wholesale business is unusually good.

THE new cold snap which has been developing for 10 days arrived at Chicago, February 1 and has cooled down the onion set warehouses temporarily as well as checked shipments. The warm and rainy weather from coast to coast has brought forward planting operations in all southern districts.

SANTA ANA, CALIF.—The Haven Seed Co., under date of January 31 advises as follows: "High waters have marooned most of Orange County for several days, but we will probably be receiving and forwarding mail within a few days. Flood waters have done us no damage. Rains have put the ground in excellent condition for our tomato seed crop."

SIoux CITY, IA.—J. S. Michael, of the Sioux City Seed & Nursery Co., returned from the east January 25 and reports a very nice business in crop contract work on peas, beans and sweet corn. Prices on beans, he says, are firmer for crop contract work than last year, and sweet corn also is slightly higher owing to the high tide situation of the general corn market.

BRISTOL, PA.—Bert E. Brotherton, formerly a partner and general manager of the Peninsular Seed Co., Port Huron, Mich., severed his connection with that concern January 1, and will hereafter look after the contracting, inspection, harvesting, and preparation of peas, beans, corn and other crops for the D. Landreth Seed Co., of this place. Mr. Brotherton has had many years' experience contracting crops, principally in Michigan, Wisconsin and the Rocky Mountain growing sections, and will continue Port Huron as his place of residence.

American Onion Seed for Bermuda.

Experiments with American onion seed in Bermuda are proving so satisfactory that it is quite likely future purchases will be made from California rather than from Teneriffe, Canary Islands, which hitherto has been the exclusive source of seed for Bermuda. Consul Carl R. Loop reports that this seed was supplied gratis to the director of agriculture for Bermuda by a Los Angeles firm of seed growers.

Customs Decision on Tulips.

On January 28 the customs court, sitting in Washington, D. C., handed down a decision in the case of Maltus & Ware, versus United States. Maltus & Ware are New York importers. The collector had assessed tulip bulbs at \$1 per 1,000 as tulips. The importers protested that they were properly dutiable at 50 cents per 1,000 as bulbs cultivated for the flowers. The board of general appraisers overruled the protest of the importers. The customs court reversed the decision of the board.

California Floods

San Francisco, Jan. 29.—The general storm that has raged over the Pacific coast since early Thursday has claimed a toll of not fewer than sixty lives and caused property damage amounting to millions of dollars, according to reports.

The greatest loss of life occurred in the Otay valley, south of San Diego, when the lower dam of the California Mountain Water company broke

Thursday afternoon. Fifty persons, according to figures reported by the coroner's jury, lost their lives and scores are missing.

The storm tossed waters of the Pacific claimed eight lives early yesterday morning when the garbage carrier Aberdeen of Oakland, was wrecked off the San Francisco beach. The bodies have not been recovered.

Flood waters and high winds did much damage in various parts of the state. The oil districts, in particular, have suffered severely, hundreds of derricks being toppled over.

Snow fell throughout the northern part of the state. Telegraph and telephone communication was demoralized.

The storm struck the northwestern states heavily, Oregon, Washington, Idaho and Montana reporting cold and snow. Montana last night was shivering in what was termed the worst storm in twenty years, with the mercury from 20 to 54 degrees below zero. Railway traffic was at a standstill because of drifts and snowslides.

Flood conditions prevailed in Arizona, reports from Yuma being to the effect that the rivers above that point were swelling rapidly and that fears were entertained of a repetition of the flood of last week. Reports from Phoenix said that the Gila river was rising rapidly. Flood waters from the Colorado and Gila are expected to meet at the confluence at Yuma tomorrow morning.

Riverside, Calif., today faced a shortage of drinking water as a result of the washing out by the flood waters of the Santa Ana river of 600 feet of the water mains carrying the city's supply.

Government Seed Contracts.

The following is a list of the successful bidders in the congressional free seed distribution, 1916-17, with the items for which they were awarded contracts.

American Firms.

Aggeler & Musser Seed Co., Los Angeles, Calif.—Surplus peas.

The W. W. Barnard Co., Chicago.—Surplus peas

John Bodger & Sons Co., Los Angeles, Calif.—Surplus balsam, calendula, cosmos.—Contract balsam, calendula, candytuft, centaurea, chrysanthemum, coropsis, dianthus, single, delphinium, mignonette, eschscholtzia, nasturtium dwarf, nasturtium tall, petunia, poppy double, portulaca, zinnia dwarf.

Braslan Seed Growers Co., San Jose, Calif.—Surplus lettuce.

F. W. Bolgiano & Co., Washington, D. C.—Surplus radish.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

D. V. Burrell, Rocky Ford, Colo.—Contract cucumber, muskmelon, radish, watermelon, antirrhinum, balsam, calendula, cosmos, delphinium, mignonette, poppy double, zinnia dwarf, zinnia tall.

California Seed Growers' Association, San Jose, Calif.—Surplus lettuce, radish.—Contract beet, carrot, radish.

Chesmore-Eastlake Mer. Co., St. Joseph, Mo.—Surplus radish.

E. B. Clark Seed Co., Milford, Conn.—Surplus beet.

M. H. Coon, Rocky Ford, Colo.—Contract cucumber.

C. Herbert Coy Seed Co., Valley, Neb.—Surplus sweet corn.—Contract squash.

Ebbert Seed Co., Rocky Ford, Colo.—Contract cucumber, muskmelon.

Irvin Bros., Rocky Ford, Colo.—Contract cucumber.

B. H. James, Rocky Ford, Colo.—Contract muskmelon.

Victor Johansen Seed Co., Los Angeles, Calif.—Surplus sweet alyssum.—Contract dianthus single, eschscholtzia, nasturtium dwarf, nasturtium tall, petunia, sweet alyssum.

Chas. Johnson, Berkeley, Calif.—Surplus beet.

Kimberlin Seed Co., Santa Clara, Calif.—Surplus lettuce, radish.

Lakeshore Seed Co., Dunkirk, N. Y.—Surplus lettuce, radish.

Lenawee Seed Co., Blissfield, Mich.—Surplus tomato.

Wm. McGary, Rolla, Kan.—Contract muskmelon, watermelon.

E. H. Morrison Estate, Fairfield, Wash.—Contract radish, candytuft, dianthus single, poppy double, poppy single, zinnia tall.

C. W. Oliver, Rocky Ford, Colo.—Contract cucumber, muskmelon.

Geo. R. Pedrick & Son, Pedricktown, N. J.—Surplus tomato.

L. C. Pharr Catherine, Ala.—Contract okra.

King Pharr, Catherine, Ala.—Contract okra.

Pieters-Wheeler Seed Co., Gilroy, Calif.—Surplus cabbage, lettuce, radish, nasturtium tall.—Contract carrot, lettuce, radish.

S. H. Pollock, Rocky Ford, Colo.—Contract zinnia tall.

P. J. Reifel, Rocky Ford, Colo.—Contract cucumber, muskmelon.

W. H. Robinson, Cairo, Ga.—Surplus collard.

Rogers Bros., Alpena, Mich.—Surplus peas.

Waldo Robnett, Gilroy, Calif.—Surplus lettuce, radish.—Contract carrot, endive, lettuce, radish, parsley.

Routzahn Seed Co., Arroyo Grande, Calif.—Surplus lettuce, radish.—Contract lettuce, radish, antirrhinum, calendula, candytuft, centaurea, chrysanthemum, coreopsis, cosmos, dianthus double, dianthus single, delphinium, mignonette, eschscholtzia, nasturtium dwarf, nasturtium tall, petunia, poppy double, poppy single, portulaca, sweet alyssum, zinnia dwarf, zinnia tall.

Mrs. Della Shaulis, Rocky Ford, Colo.—Contract muskmelon.

J. M. Shaulis, Rocky Ford, Colo.—Contract cucumber, muskmelon.

Sioux City Seed & Nursery Co., Sioux City, Ia.—Surplus peas.—Contract corn.

Geo. W. Smith, Rolla, Kans.—Contract squash, watermelon.

Upper Columbia Co., Marble, Wash.—Surplus turnip, poppy single.—Contract candytuft, delphinium, poppy double, poppy single, zinnia tall.

H. Van Buskirk Seed Co., Rocky Ford, Colo.—Contract cucumber, muskmelon.

Hartwell Wagoner, Rocky Ford, Colo.—Contract cucumber, muskmelon.

S. D. Woodruff & Sons, Orange, Conn.—Surplus beet, kale.—Contract corn.

Foreign Firms.

Kelway & Son, Langport, Somerset, Eng.—Surplus beet, antirrhinum, morning glory dwarf, morning glory tall, nasturtium tall.

Vilmorin-Andrieux & Co., Paris, France.—Surplus calendula, sweet alyssum, Virginian stocks.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia, Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

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231-235 W. Madison Street.

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

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Philadelphia

Wholesale Price List for Florists and Market Gardeners

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Have just received a small surplus of
Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, MILFORD, CONN.
Wisconsin and Idaho



H. WREDE
LUNEBURG, GERMANY
PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz.\$2.25

Price list on application.

Cash with order

BRUNNINGS

Large Growers and Shippers of

**BEANS, PEAS
and
ONION SEED**

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage

Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDSBORO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BODDINGTON'S CANNAS

	Case of 100	Case of 250	Case of 1000		Case of 100	Case of 250	Case of 1000
King Humbert, -	\$2.00	\$4.38	\$17.50	Richard Wallace, -	\$1.50	\$3.50	\$14.00
5ft. Orange Scarlet. Bronze-leaved.				4½ ft. Canary yellow.			
Bouvier, - - -	\$1.65	3.75	15.00	Florence Vaughan, -	1.65	3.75	15.00
5ft. Dark crimson.				5ft. Yellow, spotted crimson.			
Chas. Henderson, -	1.65	3.75	15.00	General Merkel, -	1.65	3.75	15.00
4ft. Bright crimson.				5ft. The best scarlet yellow edged variety.			

Strong, fresh, dormant roots, 2 and 3 eyes each, true to name.
PERISHABLE GOODS SHIPPED BY FREIGHT AT BUYER'S RISK.

For complete list of Cannas, also Caladiums, Begonias, Gladiolus and other Spring Bulbs, send for new Wholesale Catalogue, now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen
Note Change of Address: 128 CHAMBERS STREET, NEW YORK

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS
3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

SIMON LOUIS FRERES & CO.

WHOLESALE SEED GROWERS

Bruyeres-le-Chatel. (Seine et Oise) FRANCE

We are growers of and can offer for immediate delivery as far as unsold, all varieties of

GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of
BLUE GRASS, TIMOTHY, MEADOW FESCUE, RED TOP, ETC. Correspondence in English

SPIRÆA

Peach Blossom (L. Pink)..... Per 100 \$7.00

LILY OF THE VALLEY

Best quality, 1000 to case, at \$16.60.

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Always

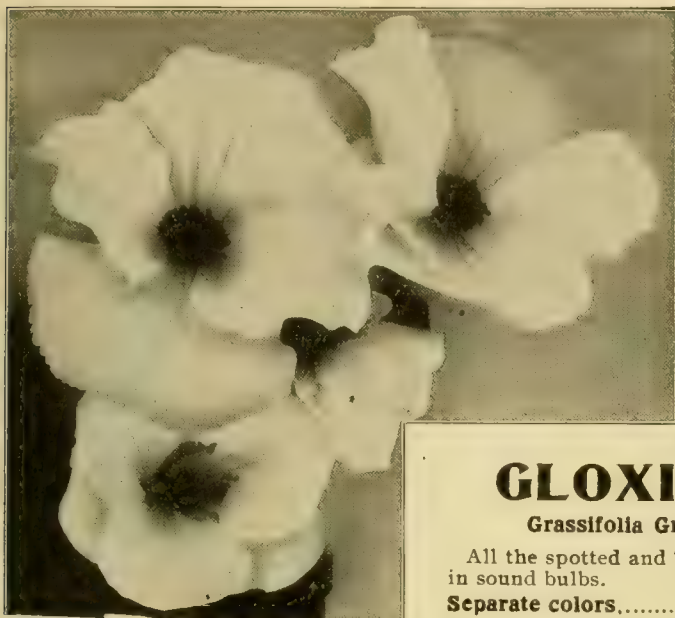
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when you order stock. : :

R. & M. GODINEAU SEED GROWERS Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.



Tuberous Rooted Begonias

Splendid imported bulbs now on hand.
Grown from the finest large flowering strains.

Single Sorts. White, scarlet,	Doz.	100	1000
yellow, pink, orange, salmon.....	50c	\$3.00	\$25.00
Single mixed.....	40c	2.60	23.00
Double Sorts. White, scarlet,			
yellow, pink, orange, salmon.....	60c	4.00	35.00
Double mixed.....	50c	3.50	30.00

Prices on Mail Trade Sizes, on Application

GLOXINIAS

Grassifolia Grandiflora

All the spotted and Tigered variations
in sound bulbs.

	Per 100	Per 1000
Separate colors.....	\$4.00	\$35.00
Mixed colors.....	3.60	32.00

GLOXINIA HYBRIDA IMPERIALIS

(New Emperor Gloxinia)

	Per doz.	Per 100
Separate colors.....	\$1.00	\$7.00
Mixed colors.....	.85	6.00

CANNA Firebird, latest and best, a companion to King Humbert.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

ACACIA SEED

I have a surplus of *A. Baileysana*, *A. Floribunda*, *A. Longifolia* and *A. Latifolia*, all 1915 stock. As long as it lasts it will go at \$1.00 per lb. I have other varieties at regular prices. Above price is F. O. B. Los Angeles. Make check payable to

GEORGE H. HOPKINS, Eagle Rock Sta., Los Angeles, Calif.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery February.

Tampa Floral Co., Tampa, Fla.

ANTON FIEHE, Prop.

THE KIMBERLIN SEED CO.

WHOLESALE
SEED GROWERS

SANTA CLARA, CAL.

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

100,000 GERANIUMS

READY NOW

Thousands more coming on every day, from 2 and 2½-in. pots, of Ricard, Beate Poltevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, etc. \$2.25 per 100; \$20.00 per 1000. Fully as good as last year's. Try them

Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

DURING the week ending January 29, imports of vegetables were received at New York as follows: 6364 crates mixed vegetables, 3846 barrels potatoes (Bermuda).

WASHINGTON, D. C.—The United States civil service commission will hold an examination in this city, February 23, to secure eligibles for the position of field agent in marketing and organization. The position carries a salary of from \$1,200 to \$1,600 per year.

THE Virginia Truck Experiment Station at Norfolk has issued Bulletin No. 15 entitled "Control of Injurious Aphides by Ladybirds in Tidewater Virginia." "The Pavement Ant," the pest of coldframe and greenhouse crops, is the title of Bulletin No. 16, issued by the same station.

Prices of Indoor Fruits and Vegetables.

Chicago, February 1.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 17½ to 20 cents; radishes, 40 cents to 65 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.00; cucumbers, dozen, \$1.00 to \$1.50.

New York, February 1.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, 90 cents to \$1.12 per drum; mushrooms, \$1.40 to \$1.65 per 4-pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 15 cents to 60 cents.

White Fly.

The name "white fly" is a very innocent term for a very formidable foe or pest. While it is unknown in some parts of the country, we know it is spread over a great territory and all who have had experience dread this insect. At present we can hardly prevent distribution to all parts of the country as the free shipping of live plants and green vegetables offers complete facilities for rapid travel. The generally accepted control of this pest is cyanide gas; however, as this is a deadly poison to any living creature it is very undesirable; and we have heard of frequent injury to crops from the effect of the gas. Also it is generally understood that tobacco smoke is worthless in combating this pest. We have made many experiments and have developed some interesting facts. One of these is that tobacco smoke can be made a great help, as the fly readily becomes delirious and drops to the benches, walks and lower leaves. It is thus exposed to easy spraying. A thorough spraying with whale-oil soap and nicotine ("Black Leaf 40," "Nicotilde," "Nico-fume Liquid," or "Tobakine") will destroy the fly. However, this spray must be administered while the fly is stunned by the

tobacco, as they soon recover and regain their former places under the leaves. We also find that a killing smoke is possible by using Aphis Punk or Nico-fume Papers although at some cost. Tobacco smoke in sufficient volume to destroy this insect will prove disastrous to most crops, especially to cucumbers and tomatoes. Among florists' stock, the fly is severe on pelargoniums, salvias and even geraniums. A repetition of remedies every week for some time is needed to clean up a place.

MARKETMAN..

Watermelon Anthracnose.

DISEASE PREVENTABLE BY SPRAYING.

Watermelon growers frequently suffer loss from a disease which blights the foliage and spots the fruit. The leaves are covered with irregular dark, dead spots and may die before the melons are ripe. The trouble develops on the fruit in the form of water-soaked and later sunken spots of varying size, which come to have a pink center made up of masses of the fungus spores. As the disease progresses the melons decay. This is anthracnose, and is caused by a parasitic fungus related to those which produce the apple bitter-rot and pod-spot of bean. The fungus causing watermelon anthracnose attacks cucumbers, cantaloupes and squashes, but not, as a rule, any other cultivated crops.

SPRAY WITH BORDEAUX MIXTURE.

The department of agriculture has found that the disease can be controlled by spraying with Bordeaux mixture. The methods to be employed are substantially those in use for potatoes, cucumbers, and other truck crops. Use fresh, home-made Bordeaux mixture. In preparing it follow directions exactly, as much depends on the way the ingredients are combined. Use a good spray pump, operated at a pressure of 100 pounds or more and spray thoroughly. The time of application depends on the weather and the development of the crop. The disease usually appears when the fruit is nearly grown. Watch carefully for the leaf-spot and spray as soon as any appears. In any case, make an application two weeks before maturity and a second a week later.

HOME-MADE BORDEAUX MIXTURE.

Ingredients: Copper sulfate, four pounds; quicklime, four pounds; water to make 50 gallons. Prepare the copper sulfate by suspending it in a gunny sack just below the surface of several gallons of water in a clean barrel. When the sulfate is dissolved, which requires three or four hours, remove the sack and stir into the barrel enough additional water to make ex-

actly 25 gallons of the copper solution. Prepare the lime by slaking it slowly and thoroughly in a clean barrel, strain, and add enough additional water to make exactly 25 gallons of lime milk. Stir thoroughly. Pour the two ingredients together into another barrel, or better directly into the spray tank, if it will hold 50 gallons. It is highly important to stir the mixture very thoroughly and to strain both ingredients before they are combined, as otherwise clogging of the spray nozzles might result. Use a copper or bronze wire strainer of 18 meshes to the inch. Do not put copper sulfate or Bordeaux mixture into tin or iron vessels; use wood or copper containers. Mix the Bordeaux as needed and apply at once. It is never so good after it has settled.

To those who expect to spray on a large scale a more detailed instruction about fungicides and their application than can be given here is available in Farmers' Bulletin No. 243, published by United States Department of Agriculture, Washington, D. C.

Chatham, N. J.

The rose range formerly the property of Samuel Lum is now in the hands of a syndicate of those who were his creditors. Ernest Lawyer, a well known florist of Chatham, is superintendent of the greenhouses. There is a good stock of roses and they are doing well. There is one house of the red rose, Crimson Queen, which gives satisfaction as to habit and growth.

Robert Roper has a neat range and makes a specialty of smilax, growing fine stock, which he ships to the New York market. He is a cousin to Albert Roper, the well known carnation expert of Tewksbury, Mass.

David Faulkner has a good range and an established reputation as a rose grower. His stock goes to J. K. Allen, New York.

W. G. Badgley, in addition to conducting a range at this place, is active in the commission firm of Badgley & Bishop, Inc., New York. A. F. F.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious
Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.



YOU NEED THE BIG MONEY MAKER OF 1916.

Champ Weiland

Exquisite in color—Remarkable in size, beauty and foliage.

Orders filled
strictly in the
Order as booked.

Strong Grafted Plants Ready in March and April

100 plants for . . \$35.00 500 plants for . . \$150.00
250 plants for . . 82.50 1000 plants for . . 300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

ASPARAGUS

Plumosus, 2½-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3½-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000. — CASH —

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 ft. \$1.00 each
Pyramids, 2½ ft. 1.50 each
Pyramids, 3 ft. 2.00 each
Pyramids, 3½ ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2 ft. 1.50 each
Nice Bushes, 15-in. 35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

Jan. List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

Mention the American Florist when writing

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Mention the American Florist when writing



CANNA FIREBIRD

Canna Firebird

The best scarlet, green-leaved Canna. A grand companion to King Humbert.

You will be asked for it the coming spring. Is your order booked?

25 FOR \$5.00

Write for prices on larger lots.

Vaughan's Seed Store
Chicago New York

BEGONIAS Strong 2½ inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.	\$15.00	\$120.00
Lorraine, 2½-in.	12.00	100.00
Chatelaine, 2½-in.	5.00	40.00
" 3 -in.	8.00	75.00
Vernon, 2½ and 3-in.	4.00	

Primroses.

	Per 100
Obconica in bloom, 3-in.	\$ 6.00
" " 4-in.	9.00
" " 5-in.	15.00
Malacoides, 3-in.	6.00

Geraniums.

Nutt, Pressily, Ricard, Jean Viaud, Poitevine, Gen. Grant, strong 2½-in., \$25.00 per 1000.

Petunias.

Double—Single fringed.
2½-in. \$25.00 per 1000

Ice Plant.

2½-in. \$25.00 per 1000

Coleus—Six best varieties.

2½-in. \$25.00 per 1000

Curly Queen, best for baskets.

2½-in. \$25.00 per 1000

Marguerites.

2½-in. \$25.00 per 1000

Fuchsias.

Three varieties, 2½-in., \$25 per 1000

Salvias.

2½-in. \$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

POT-GROWN FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

GRAND RAPIDS, MICH.—William K. Munson, pioneer nurseryman, died at his home here, January 22.

DOVER, DEL.—The United Orchards Co. was incorporated January 10 with a capital stock of \$100,000.

WINCHESTER, VA.—James M. Frye, a veteran nurseryman of this city, is dead after a lingering illness, aged 80 years.

PAMONA, CALIF.—The California Rose Co. will dispose of its present location and remove to increased acreage on the outskirts of this city.

ELGIN, ILL.—E. W. Carbery will build an addition to his nursery on property purchased at Lawrence avenue and Wing Park boulevard.

SIoux CITY, IA.—Fire which originated in the boiler room caused a small loss at the establishment of the Sioux City Seed & Nursery Co., January 10.

"COTTONTAIL Rabbits in Relation to Trees and Farm Crops" is the title of Farmers' Bulletin No. 702, issued by the United States department of agriculture, under date of January 17, 1916.

"PECAN CULTURE, with Special Reference to Propagation and Varieties," is the subject of Farmers' Bulletin No. 700, issued by the United States Department of Agriculture, under date of January 18, 1916.

FULTON, KY.—The General Fruit Growers' Association has been organized with the following officers: Homer Bran, president; C. E. Backey, vice-president; L. B. Reems, treasurer; J. B. Myrick, secretary.

"THE Bagworm, an Injurious Shade-tree Insect," is the title of Farmers' Bulletin No. 701, issued by the United States Department of Agriculture under date of January 15, 1916. Shrubs, hedges and in particular evergreens are subject to injury by this pest.

Tennessee State Nurserymen's Ass'n.

The annual meeting of the Tennessee State Nurserymen's Association was held at Nashville, January 26, the programme being a most excellent one, valuable papers on many subjects being contributed. Among the speakers were the following: T. D. Reed, Bakers; A. A. Newsom, Knoxville; H. K. Bryson, commissioner of agriculture; W. C. Reed, Vincennes, Ind.; J. D. Ellis, Dayton; John L. Jones, Columbia; Henry B. Chase, Chase, Ala.; Harry Nicholson, Winchester; A. W. Ward, Loudon; Bruce Howell, Knoxville; Miss E. B. Drake and Miss Virginia P. Moore, of the United States agricultural extension division. The importance of strawberry inspection was discussed by James E. Blake of Strawberry Plains, who called attention to the fact that Tennessee ranked

second among the great strawberry producing states, the annual sales amounting to nearly a million dollars.

One of the important results of the meeting was the effort to promote a national apple show at Nashville in December, 1916, and a kindred movement to form at that time a national association of fruit growers. It was estimated that such a meeting would cost about \$5,000 but it was thought that if the horticultural and floricultural interests could raise \$2,000 the balance would be contributed by business interests in other lines.

W. H. Bohlender, of Peter Bohlender & Sons, Tippecanoe City, O., repeated his illustrated lecture, which was one of the pleasant features of the programme of the state florists' meeting. He also spoke of the advantage of a better understanding between nurserymen and fruit growers.

M. C. D.

ST. LOUIS, MO.—The Missouri State Horticultural Society at its annual convention in this city elected the following officers for 1916: H. C. Irish, St. Louis, president; G. T. Tippen, of Nichols, and A. D. Killham, Mountain Grove, vice-president; H. S. Wyman, Princeton, secretary; W. T. Flourney, Marionville, treasurer.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

Japanese-American Combination

ROCKERY

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	Leaves	In. high	Each Per doz.
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6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
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6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
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Connecticut Horticultural Society.

Friday evening, January 28, was "carnation night" with the Connecticut Horticultural Society, and in response to the notification previously sent out by the secretary, a number of the members made displays of general excellence. Splendid vases of Enchantress, Rose Pink Enchantress, Enchantress Supreme, White Enchantress, Gorgeous, Alice, Benora, Beacon and White Wonder were all much admired and reflected much credit on the exhibitors, Professor M. W. Jacobus (Alfred Cebelius, Gr.) and Mrs. Jas. Goodwin (John F. Huss, Supt.). Red Wing, another splendid variety, was another vase that attracted much attention. This display was arranged by G. W. Fraser of the Connecticut Agricultural College for William A. Dawson of Willimantic, Conn. Two sport carnations, one vase of each, both meritorious, were staged by Theo. Staudt of Rockville, whose display of Daffodil Sir Watkin was also noteworthy.

President Hollister appointed Fred Boss, A. Righenzi and C. H. Sierman as judges for the evening and they awarded a first class certificate each to John F. Huss, Alfred Cebelius and Wm. A. Dawson in the carnation division, and the exhibit of the last named was also ordered entered upon the minutes as worthy of special mention for excellence.

Following the awards, President Hollister read an article entitled, "Jackson T. Dawson, His Work and His Workshop," which was a brief history of the life work of that well-known authority, and this was followed by a talk by John F. Huss who told reminiscences of his acquaintance with the man who has accomplished so much for horticulture. The meeting was thoroughly enjoyed from start to finish by all present. The next meeting will take place February 11.

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Kentia Forsteriana, made up, bushy plants, in good tubs.

7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50
8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50

Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100

Dracaena Terminalis, strong 5-in. well colored.....\$7.00 per doz.; 50.00 per 100

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Per 1,000 200.00
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Begonias, Cincinnati, 2 1/4-in., \$15 per 100; \$120 per 1,000. Lorraine, 2 1/4-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2 1/4-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2 1/4 and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

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BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.
BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

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Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
Delivery January

We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.

Matchless. Enchantress Supreme.
Mrs. C. W. Ward. White Enchantress.
Beacon. Enchantress.
\$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order.

ELITCH-LONG GREENHOUSES, Denver, Colo.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1,000
Aviator	\$12.00	\$100.00
Alice	6.00	50.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate.	250 or more at 1,000 rate.	

First class guaranteed cuttings.

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

ROOTED CARNATION CUTTINGS.
Taken from the best stock sold in the Chicago market. Ready for immediate delivery.

	100	1,000
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,

30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Victory	2.00	18.00

WIETOR BROS.,

162 N. Wabash Ave., Chicago

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, \$6 per 100; \$50 per 1,000. Matchless, Yellow Prince, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Gloriosa, Benora, \$3 per 100; \$25 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.

	100	1,000
Enchantress	\$3.00	\$25.00
White Wonder	3.00	25.00

SINNER BROS.,

158 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS.

	100	1,000
Fine healthy stock ready for immediate delivery.	100	1,000
Light Pink Enchantress	\$2.00	\$14.00
Winsor	2.00	14.00
Rose Pink Enchantress	2.00	14.00

J. A. BUDLONG,

184 North Wabash Avenue, Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2 per 100; \$18 per 1,000, White Wonder, Beacon, Washington, \$2.50 per 100; \$20 per 1,000, Peter Reinberg, 30 East Randolph St., Chicago.

ROOTED CARNATION CUTTINGS FROM SAND.

Enchantress.....\$15.00 per 1,000
Nlc. Reding, 6731 Ridge Ave., Chicago.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Cottage Maid. Send your order early. Cottage Gardens Co., Inc., Queens, New York.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

Chrysanthemums—Rooted cuttings ready Feb. 1, from 2½-in. pots as soon as established.

	2½-inch pot.	Rooted cuttings.
Crystal Gem	100 1,000	100 1,000
Golden Queen	\$10.00 \$90.00	\$7.00 \$60.00
Marigold	10.00 90.00	7.00 60.00
Modello	10.00 90.00	7.00 60.00
Tekonsha	10.00 90.00	7.00 60.00
Antique	4.00 35.00	3.00 25.00
Pink Gem	4.00 35.00	3.00 25.00
Smith's Ideal	4.00 35.00	3.00 25.00
White Chieftain	4.00 30.00	3.00 25.00
Chas. Razer	3.00 25.00	2.50 20.00
Chieftain	3.00 25.00	2.50 20.00
Donatello	3.00 25.00	2.50 20.00
Edwin Seidewitz	3.00 25.00	2.50 20.00
Mrs. B. E. Hayward	3.00 25.00	2.50 20.00
Oconto	3.00 25.00	2.50 20.00
Smith's Sensation	3.00 25.00	2.50 20.00
Yellow Touseit	3.00 25.00	2.50 20.00
Chrysolora	3.00 25.00	2.00 17.50
C. Touseit	3.00 25.00	2.00 17.50
Dr. Enguehard	3.00 25.00	2.00 17.50
Harvard	3.00 25.00	2.00 17.50
Major Bonnet	3.00 25.00	2.00 17.50
Pacific Supreme	3.00 25.00	2.00 17.50
Smith's Advance	3.00 25.00	2.00 17.50
White Bonnet	3.00 25.00	2.00 17.50

Not less than 25 of a variety at 100; 250 at 1,000 rate.

Elmer D. Smith & Co., Adrian, Mich.

FINE BEST EARLY CHRYSANTHEMUMS.

Stock plants full of cuttings now ready.

Oconto, early white, per plant.....25 cents

Early Frost, early white, per plant.....50 "

Crystal Queen, early white, per plant.....50 "

Golden Queen, early yellow, per plant.....50 "

Marigold, early yellow, per plant.....50 "

BASSETT & WASHBURN, Chicago.

CHRYSANTHEMUM CUTTINGS—Well rooted: Unaka, Chrysolora, Chieftain, Lynwood Hall, Salomon Gold, Alice Salomon, Ramapo, Yellow Eaton, Golden Glow, Mistletoe, \$1.25 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100 of 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

COLEUS.

COLEUS, Cuttings, \$1 per 100; 12 best varieties, Coleus, 2½-in., 10 varieties, \$2.50 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curley Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

A fine lot of 3,000 well colored Crotons, 4-inch, 35c; 6-inch, 75c each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

CYCLAMEN.

CYCLAMEN SEEDLINGS—Best German and English strain, \$3 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

CYCLAMEN.

Cyclamen Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000; 3-inch in bloom, \$8 to \$10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM—Mostly salmon. Wandsbek, 4-inch, good plants at 15c and 20c, in full bloom. Would exchange for Var. Vinca 2-in. or 3-in. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

30 dahlia, \$1.25 postpaid; 1,000 dahlia roots, choice, by freight, \$2.50. Alva Catheart, Bristol, Ind.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Com-pasta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedei, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Fine BOSTON HANGING BASKETS, well established, \$1.50 to \$2.50 each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

A fine lot of extra good BOSTONS, 10-inch, \$2 to \$2.50; 12-inch, \$3 to \$3.50 each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Ark., Minn.

TABLE FERNS, 10 varieties, \$4 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

Fuchsias, 30 varieties, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS.

Geraniums, 2 and 2½-inch pots of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

ROOTED GERANIUM CUTTINGS. The following "SUPERB BEDDERS": S. A. Nutt, dark red; Dbl. Gen. Grant, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

GERANIUMS.

Geraniums, Nutt, Presilly, Ricard, Jean Vi-aud, Poitevine, Gen. Grant, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

ROSE GERANIUMS, 2½-inch, \$2 per 100. Cash. Geo. B. Morrell, Torresdale St., Philadelphia, Pa.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

GLADIOLUS BULBS AND BULBETS, PLANTING STOCK of Mrs. Francis King, Augusta and America, carefully grown and true to label. Third, fourth and fifth size bulbs at lowest thousand rates. We are headquarters and bulbs bought from us when matured will bring pedigree stock prices. VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

Gladiolus cheap to close out, about 40,000 named sorts. C. S. TAIT, Brunswick, Ga.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Fresh fancy ferns, \$3.50 per 5,000. J. H. Von Canon, Banners Elk, N. C.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best crowns, own growing: Foliage oval shaped, \$8 per 1,000. A longish shape, \$6 per 1,000. Solomon's Seal, giganteum, \$8 per 1,000. Solomon's Seal, macrophyllum, \$9 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere, Avalanche, E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chautard, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

20 iris, postpaid, \$1.25. Alva Catheart, Bristol, Ind.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsoua, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Boutin and Zurich, Cuphea, Lantana, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Bel., made-up, 8-in., 36-in., \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

We have a very large and fine assortment of Kentias; made-up and single. Prices from \$1 to \$8 according to size. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Palms, Kentias and Phoenix Roebeleni. For sizes and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

COCOS WEDDELIANA, extra choice, 15c each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

PANDANUS VEITCHII, 50c and 75c. Well colored. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

PEONIES.

PEONIES and Gladiolus; home grown and imported. L. F. Dintelman, State St., Belleville, Ill.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

6 peonies, postpaid, \$1.25. Alva Cathcart, Bristol, Ind.

PETUNIAS.

Petunias, single and double mixed color; also 10 named varieties, 2-in., \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Petunias, dbl., single fringed, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

PHLOXES.

PHLOX, 3,000 Mr. Jenkins, early white; 1,000 R. P. Struthers, tall red; one-year clumps for \$30 per 1,000. ANEMONE WHIRLWIND, strong clumps, \$40 per 1,000. Cash with order. PUYALLUP NURSERY, Puyallup, Wash.

PRIMULAS.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

PRIMROSES—Choice in bud and bloom, 4-inch, \$15 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

Russell	100	1,000
Rhea Reid	\$14.00	\$120.00
Hoosier Beauty	14.00	120.00
Ophelia	12.00	110.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

Sunburst	\$7.00	\$60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00
ERNEST ROBER, WILMETTE, ILL.		

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Souper, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG, 162 North Wabash Avenue, Chicago, Ill.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering. December to March shipment.

WESTERN ROSE CO., Pasadena, Calif.

Roses, 2½-inch, Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago, Ill.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

English roses; revised list; two-year-old, low budded; open field-grown. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1077 Mill St., Liverpool, England.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

Roses, grafted. All the best new ones. Vaughan's Seed Store, Chicago and New York.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ½ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracena Indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington, Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

SMILAX.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SPIREA.

Spirea clumps, Floribunda, \$6 per per 100; Gladstone, \$7; Queen Alexandra, \$9; Superba, \$6. The Storrs & Harrison Co., Painesville, Ohio.

Spirea Peach Blossom, \$7 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

SWEET PEAS

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VEGETABLE PLANTS.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

100 rhubarb, \$1.25. 200 asparagus, \$1.25, postpaid. Alva Cathcart, Bristol, Ind.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

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Vine Variegata, 3 1/4-inch pots, \$5 per 100.
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VINCA VARIEGATA, 3-inch, 5c; nice stock.
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SUPERIOR CARNATION STAPLES.
Send your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000;
3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c;
3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 310 Walnut St., Cincinnati, O.

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Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

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Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tonawanda, N. Y.

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Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

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Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

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Sterling iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Greenhouse glass. Write for prices. Stating sizes and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Pesto Pruning Shears, for trees, shrubs, vines, bushes and hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

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Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Clay Tile Benches. Write for circular. Camp Conduit Co., Cleveland, O.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot bangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohn, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Red pots. Geo. Keller & Sons, 2614-22 Hernon St., Chicago.

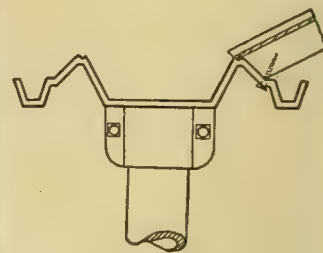
Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.



THIS is probably the best time of the year to take up the matter of new greenhouses, as we as additions to present ranges, and it is for this reason we suggest that you write us regarding your requirements.

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"EASY TO SELL BECAUSE MADE SO WELL."

Providence, R. I.

Trade the past week has been brisk; floral work of all kinds keeping all the stores busy. With the advent of some very warm weather, the high prices that had prevailed since the first of the year, were broken, and all stock was sold at a low price. Carnations that sold for \$4 and \$5 per 100 sold as low as \$1.50 and \$2 per 100. The rose market has been off crop for some time and the prices seem to hold about the same although there seems to be a little increase in the supply. Sweet peas are coming better every day and sell well. Daffodils are getting more plentiful and are dropping slowly in price.

NOTES.

Saturday being McKinley day and "carnation day" it offered a chance for some window displays of carnations, and consequently the trade disposed of large quantities of that flower. There were also sales of violets at 15 cents and 19 cents per bunch.

Macnair is now making a showing of large azaleas, some of the larger plants measuring four and five feet across the top. These are his own importation, and are some of the finest to be seen anywhere.

The Florists' and Gardeners' Club of Rhode Island held its annual entertainment and supper, January 24, with about 30 members present. Every one in attendance voted that they had a very enjoyable time.

Howard Almy made one of the largest cuts of violets January 29 that he has made this year.

H. A. T.

Boston Bowling.

The Boston florists' bowling league meeting, Thursday, January 27, was one of the most exciting of the season. P. L. Carbone's team now occupies second place, being one game ahead of the Boston Co-operative Flower Market. These two teams roll together at the next meeting and it is needless to say that it will be an interesting match. The "boys" of the Flower Exchange presented the league with a handsome silver cup to be presented to the member rolling the highest three consecutive strings during the season. The standing is as follows:

Galvin	.....40	16	Pansies	.....24	32
Carbone38	18	Robinson22	34
Flower Mkt.37	19	Flower Ex.21	35
Zinn27	29	Mc. & Mc.15	41



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Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

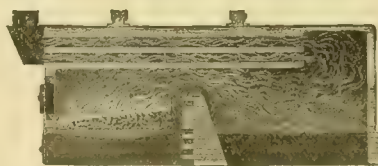
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Everything for the Greenhouse J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg.
Mention the American Florist when writing

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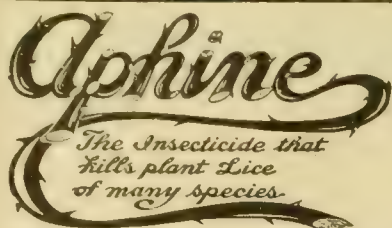
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A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

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An infallible spray remedy for rose mildew carnation and chrysanthemum rust.

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A soil sterilizer for cut, eel, wire and angle worms.

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For San Jose and various scale on trees and hardy stock.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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Sample free.

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SHREDDED CATTLE**

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A kind for every use about the greenhouse.

Ask for booklet, prices and quotations on bag or carload lots.

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Glazed Hotbed Sash each
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Quick shipments from our Chicago warehouse.

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POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

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SYRACUSE, N. Y.

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For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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"STANDARDS"

Full size and wide bottoms.

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STANDARD PANS AZALEAS

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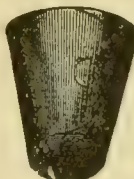
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Waterproof,
Don't Break,
Cost Little.

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Write for prices.

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¾-inch. per ft., 15 c

Reel of 500 ft. 14½c

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Couplings furnished.

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No. 1445

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Calif., President; ROBERT C. KERR, Houston,
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Twenty-eighth street, New York, Secretary; WM.
F. KASTING, Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
delphia, Pa., March 25-April 2. For premium
list and all other particulars address JOHN YOUNG,
53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
wardsville, Ill., President; W. J. VESEY, JR., Ft.
Wayne, Ind., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held
at New York, September 24-26, 1915. Officers:
RICHARD VINCENT, JR., White Marsh, Md., Presi-
dent; JOSEPH J. LANE, 11 West Thirty-Second
Street, New York, Secretary; F. R. AUSTIN,
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AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

Abraham Lincoln.

Born February 12, 1809.

Heroic soul, in homely garb half bid,
Sincere, sagacious, melancholy, quaint;
What he endured, no less than what he did,
Has reared his monument and crowned him
saint.

SUGGESTIONS FOR PLANT GROWERS.

Bedding Plants.

When a grower has a good supply
of cuttings at his command, it is a
comparatively easy matter for him to
work up a big stock of bedding plants.
It is therefore essential that the stock
plants, which are expected to furnish
the cuttings, be given every encourage-
ment to do so from now on, so that
the propagating can be finished up in
time to allow the young plants season
enough to make strong healthy stock
for the time of planting out. It is
generally a very busy season when the
stock plants are brought in in the fall,
and in the hurry they are set in the
first available space, sometimes in the
out of the way corners, and many
times along the edge of the walks or
underneath the benches. These places
will do when they are partly dormant
and there is not any hurry for the cut-
tings, but after February 1 every day
is valuable time and the sooner the
cuttings are in shape for propagating
the better are the prospects for work-
ing up a nice lot of bedding plants.

Clean up the stock plants, removing
any decayed foliage, and make sure
the drainage of the pots is all right.
Give the plants a light airy place
where they will receive daily atten-
tion to their needs. The list of bed-
ding plants comprise a large variety
of different plants, nearly all of which
are very susceptible to attack by
green fly, red spider, mealy bug or
some other insect which makes the
work of keeping the stock plants clean
one of great importance. Many of the
bedding plants, with their tender
growth, are easily injured by strong
fumigating, and the best plan is to
fumigate lightly and regularly, setting
aside one evening each week or ten
days for the work.

Care should be taken not to allow
the shoots to become drawn and spind-
ly, and such quick growing plants, like
coleus, ageratum, etc., which need not
be propagated for a month or six
weeks yet should have the tips of the
shoots nipped out to encourage them
to throw out more cuttings lower

down. Any stock plants badly root-
bound should be repotted in a live
soil to encourage them to get into
action quickly.

Careful watering is one of the most
important parts of caring for these
plants; they should receive water only
as they are in need of it. If kept
extra wet at the roots the cuttings are
full of moisture, turn yellow and are
more apt to dampen off in the prop-
agating bed.

PROPAGATING.

The propagating house ought to be
in full swing from now on turning
out the rooted cuttings until all the
stock needed is provided for. A clean,
sharp sand, with a regulated bottom
heat, are important features to be
arranged for, and when these are
taken care of the propagating should
be pushed along. Cuttings of ger-
aniums, fuchsias, marguerites, alter-
nantheras and any other plants that
need a long season to be worked up
into salable plants are the first that
should receive attention, then as the
time comes, within the next six or
eight weeks, the coleus, sweet alys-
sums, lobelias, petunias, etc., can be
taken care of. When the conditions
are right, cuttings of this class of
plants root very quickly, the principal
thing being to watch closely that they
do not wilt from any cause, or that
the propagating bed does not get wet
enough to cause the cuttings to damp-
en before root action takes place.
After the cuttings are rooted they
should be potted up without any de-
lay and not allowed to remain in the
sand long enough to force the growth.

SOWING SEED.

It is now time the seeds of most
of the various plants for bedding pur-
poses were sown. The first on the
list is pansies for late flowering; if
this seed is not yet sown, it should
be attended without any further de-
lay. It will take all the time between
now and Memorial day to get them
in flower for that occasion. Lobelias,
salvias, celosias, verbenas, petunias,
bellis and antirrhinums can also be

sown now—all of these are best sown in shallow flats, using a warm, fine soil with a liberal amount of fresh, sharp sand added to it. Be particular not to cover the seed too deep—just enough to cover the seed according to its size is all the covering they should have. A little common sense in watering these seed boxes is very important; it is safest to keep the soil just moist, neither the extreme of dryness or dampness. Bedding begonias of the Vernon variety and Centaurea candidissima should also be sown now; these two varieties of plants are slow to germinate, and if possible, should have a little bottom heat to hustle them along. Our method used in raising these plants is to fit up a part of the propagating bed with soil and sow the seed onto this, and as soon as the young seedlings become large enough to handle, instead of transplanting into other flats, they are potted singly in one-inch pots and kept rather warm to encourage them to make quick root action.

TRANSPLANTING.

As soon as the young seedlings are large enough to handle, they should be taken from the seed boxes and transplanted into other flats. It is important that the transplanting be done when the seedlings are just ready; if it is delayed the seedlings become drawn and considerable loss from damping takes place. A fine soil with a liberal amount of clean, sharp sand is the best material to use, and after the transplanting is done, set the flats on shelves, shading them for a day or two should the weather be very bright, after which they should be allowed full light and plenty of air on favorable occasions, taking particular pains with the watering, keeping the soil in a moist condition at all times, but not allowing any extremes.

POTTING.

There is a lot of this work to be done now. The fall propagated geraniums held over winter in 2½-inch pots, should now be shifted into 3-inch, and if not enough stock of these plants are on hand, they can be allowed to stretch out so that a cutting can be taken off, but if not needed, the tips should be pinched out before potting. The rooted cuttings from the sand should also be potted as soon as ready, and now is a good time to overhaul and pot any vase plants, like dracenas, phormiums, etc.; also, hydrangeas, roses and other spring flowering plants.

C. W. JOHNSON.

JOLIET, ILL.—Heaton Nichols, who is again at the store after an attack of grip, reports good business right through since the holidays.

HOUSTON, TEX.—Louis Buchner, formerly grower at the Brazos Greenhouses, has gone into business for himself and will conduct a wholesale establishment on Hutchins street.

BELLEVILLE, ILL.—A severe wind storm, January 27, caused a loss of several thousand dollars, the greenhouses of the St. Clair Floral Co. and those of E. W. Guy suffering severe damage.

AMHERST, MASS.—Students in conservatory plants at the Massachusetts Agricultural College will be required to know and be able to identify about 250 species and genera of decorative plants as part of the final examination in the course.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Minnesota State Seal in Flowers.

As a rule we are opposed to the use of flowers in freak designs but knowing that florists are frequently called upon to supply productions of this character, even in opposition to their best judgment and advice, we reproduce herewith a representation of the seal of the state of Minnesota done in flowers and foliage by Holm & Olson, of St. Paul, which shows much good taste and superior workmanship. This design was slightly over eight feet high, weighed 200 pounds and 2½ bales of sphagnum were used for filling. The principal kinds of stock employed included magnolia leaves, cycas leaves, asparagus, small plants of erica, carnations, violets, narcissi



Cigarette Bouquet.

and stevia. The design was for the funeral of the late Gov. Hammond, of Minnesota.

This firm reports unusually good business since the holidays, the great trouble having been to secure sufficient stock to carry on their business properly. Similar conditions, it is added, prevail throughout the northwest.

The Cigarette Bouquet.

At first glance this arrangement appears an absurdity—a bunch of nonsense. It is, however, complete and novel and has the merit of being sure to attract attention when displayed. It is also practical, in the fact that a slight pull will release a cigarette and a match, which may be lighted by being struck on a portion of the chemical surface of the box which is attached to the ribbon on the handle. The center of the bunch is a boutonniere, a gardenia or carnation, as the case may be. This is also easily removed and is found ready for use.

The construction is very simple. To "stem" the cigarettes run a straight wire about 1½ inches into one end; this is sufficient to hold them. The boutonniere has an outside lining of foil

which is lightly wound with the stemming wire, so that the flower may be easily pulled out when desired. The useful matches add variety and the bunch is further embellished with all inscribed parts of the box, which are cut into strips. The stamps must be included, as they add color and are very noticeable, even the paper and tin foil lining, when stemmed in little knots and tassels, make an attractive addition. The gold tipped brands are the showiest, but any kind is suitable. The demand for this novelty comes generally from ladies, who send them to their gentlemen friends.

Bouquets of cigars are also easily arranged, either end being wrapped with foil and stemmed by wrapping the wire around. These make a much more elaborate and expensive affair.

The accompanying illustration gives a good idea of a miniature colonial cigarette bouquet. These must always be finished with a lace paper of the proper size and tied with a narrow ribbon. The best is such as are used by tobacco factories.

Decorative Selling Features.

Flowering and foliage plants are attractive in themselves and as a rule are good stock to carry, owing to the more or less constant demand. There are many retail dealers, however, who think that with the exception of Christmas or Easter, they are not profitable, the attention they require and the loss from unsold stock more than offsetting the profit. To handle plants successfully requires good judgment in buying, with an intimate knowledge of the store's requirements. The assortment must be kept fresh; unsalable plants are a detriment and should be put out of sight at once. One dozen fresh, perfect plants are worth more than twice the number of those which have begun to show signs of decay.

In retailing plants and flowers too much attention cannot be given to details; the business is carried on with very perishable, short-lived stock and every article offered should always be at its very best. While well flowered or foliage plants are beautiful in themselves, they can be made more attractive and have additional selling points with the aid of decorative material, such as crepe paper, to conceal the pot, or a square of white paper of sufficient size, which, when the pot is placed in the center, can be drawn up and tied on with silver cord, or ribbon the color of the flower. An inside lining of paper, the color of, or one which will harmonize with the bloom, makes a plant more attractive and gives additional selling value at a trifling cost. Low priced baskets in various colored enamels, with high handles, to which ribbons may be tied, add considerably to the appearance of a plant. An imitation handle of wire covered with crepe paper, stuck down into the pot, will, when tied with a bow of ribbon, give the plant the appearance of a basket. The accompanying illustration of a cyclamen in a four-inch pot shows a plant with a wire handle.

Cheap, pliable, straw hats make good covers for pots; they are easy of adjustment and present an appearance not unlike Porto Rican mats. Handles are also made of pussy willow sprays, which bend easily. Boxes of tulips with crepe paper covers can be given a springlike appearance with arches of pussy willow sprays. Butterflies, bird sticks, and balancing birds are attractive if used with care. All these features are selling points in that they



MINNESOTA STATE SEAL IN FLOWERS AND FOLIAGE FOR FUNERAL OF LATE GOVERNOR HAMMOND.
By Holm & Olson, St. Paul.

serve to arrest the attention and cause buyers to become interested in plants that might otherwise pass unnoticed. The proper displaying of plants in quantity is very essential to their quick selling; two or three articles of a kind may stand around without being noticed, while two dozen in a block together will produce a color effect that is compelling and sales result.

There is now obtainable from Japan a fern stem pot cover, of a size to fit all high or low standard pots; these are so cheap that they can be given away with the plant and are well worth carrying in stock. A line of jardinières often help to sell plants, as when displayed in these receptacles, they are doubly attractive.

K.

FLORISTS' FERNS.

Sowing Spores.

The early part of January is the period in which the spores are sown for the fern crop that will provide the plants for the use of the retail florist during next autumn and winter, and it is therefore most important that this sowing shall be carefully made and looked after.

Sterilized soil is used by some growers for filling the seed pots or pans, a light and somewhat sandy mixture being prepared for this purpose, abundant drainage material placed in the bottom of the clean pots that have been provided for the job, the soil being pressed down firmly and smoothly, then well watered, and in the course of an hour or so the seed pots will be ready for sowing. The spores are sown very thinly on the surface of the soil, it being advisable to do the sowing in a place that is free from draughts, as otherwise the dust-like spores will blow about, and the pots are then ready to be put away on the bench they are to occupy, preferably a partially shaded position in a house kept at a night temperature of 60° to 65°.

The pots should be covered with panes of glass to avoid too rapid drying of the soil, for only sub-watering may be given before the seedlings reach a very visible size. Considerable care is required throughout these early stages of fern growing, in order to provide just the right conditions of moisture to promote the growth of the tiny seedlings without keeping them so close as to start fungus among them, and even the most expert grower may have his calculations upset by a long period of dark and muggy weather.

The time required for the germination of the spores varies with different species, and while some of the pteris may show signs of growth in a few days, there are other species that will be several weeks before germinating. After the seedlings are large enough to handle, not singly, but in small patches, another very tedious operation begins, being that of transplanting the seedlings from the seed pots to shallow boxes or flats, and in the latter they will remain until they are large enough to be potted off, the latter being one of the mid-summer jobs for most fern growers. There is a good deal of labor attached to these operations, though it is not of a hard character, and to those whose business only requires a limited

number of small ferns it is probably better to buy the young ferns in flats from some specialist, rather than to run the risk of failure in these preliminary operations.

Several of the adiantums that are much used in the trade are not easy to get in quantity from spores, and such varieties are propagated by division. Among these are *A. Croweanum*, an excellent variety for cut fronds, and bears some resemblance to *A. decorum*; *A. Farleyense*, which is now so well-known as to need no special description at this time; *A. hybridum*, this being another of the decorum character, and *A. gloriosum*, although the latter variety is said to produce some spores, and also to come true from seed. The division of these varieties is preferably done in the early spring, for at this period the divisions start away much more readily, and soon make suitable stock for planting out on the benches.

Where a considerable stock of these plants are required, it is customary to divide the crowns into very small portions, all fronds being cut off the old plants, and the divisions are planted in close rows in flats, the latter being placed in the propagating house, and given careful attention in the matter of water and ventilation until they are sufficiently started to admit of being potted off into small pots. In case one has an overplus of some of the pteris of the cretica group at this season, and the plants are becoming too long in the stems to be useful for table work, some of them may be utilized by potting three or four plants together in a 4-inch or 5-inch pot, thus getting another growth on these otherwise starved plants, and making them useful either for retail sales or for use in window boxes.

"PTERIS."

Fourth National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2.

A most cheering feature, incident to the preparations for the opening of the national flower show next month, is the great interest in the undertaking shown by out-of-town florists and horticulturists. From the many communications received by this office, it is quite evident that the show will attract men in the trade from all over the country. At the last national flower show, it will be remembered, there was little cause for complaint as to the out-of-town patronage, but it looks as though the Philadelphia show will eclipse all previous records as to this element of the attendance. The various railroads throughout the country are taking a surprising interest in the affair, and are doing their best to organize traveling parties from different routing points. Secretaries of the different florists' clubs and societies should at once get in touch with the heads of their respective railroad departments, with a view to obtaining advantageous party rates for travel to Philadelphia.

The final schedule of premiums will be issued soon after February 15, and will be the most liberal schedule ever published for a flower show in this country, covering, as it will, premiums amounting to over \$20,000. In the new schedule, a large number of special prizes will appear, donated by various people, enthusiasts along floricultural lines. The national flower show committee is still soliciting offers of spe-

cial prizes for the various classes scheduled, in order to reduce the premium responsibility as much as possible. Offers made now will be mentioned in the final schedule, with due credit to donors. The schedule committee will, about February 15, meet to settle upon the days for staging cut flowers, such as roses, carnations, sweet peas, etc., and announcement of the fixtures decided upon will be made as soon as possible after the date of the meeting.

The trade section will be a most important feature of the show, and without doubt will be the largest exhibition of its kind ever staged in America. The big trade exhibition of the 1913 national flower show is already eclipsed, the number of exhibitors, and the amount of space reserved beating the 1913 record fully 25 per cent. The greenhouse builders are well represented, King Construction Co., John C. Moninger Co., Lord & Burnham Co., Hitchings & Co., Metropolitan Material Co., all having arranged for displays, while the greenhouse auxiliary lines will be represented by such concerns as the Kroeschell Bros. Co., John A. Evans Co., Spencer Heater Co., Pfaltzgraff Pottery Co., Hammond Paint & Slug Shot Works, Voltax Paint & Varnish Co., and others. The representation of lawn mower manufacturers is larger than ever this year, extensive exhibits being expected from the Coldwell Lawn Mower Co., S. P. Townsend & Co., Ideal Power Lawn Mower Co., and the Pennsylvania Lawn Mower Co.

In florists' supply lines will be found exhibits from H. Bayersdorfer & Co., M. Rice & Co., A. L. Randall Co., Edwards Folding Box Co., J. G. Neidinger, S. S. Pennock-Meehan Co., Schloss Bros., and others. Plantmen and seed and bulb dealers are well represented through Henry F. Michell Co., Henry A. Dreer, Inc., A. N. Pierson, Inc., Jos. Heacock Co., Inc., Arthur Cowee, J. L. Dillon, F. R. Pierson, W. Atlee Burpee & Co., Geo. L. Stillman, S. S. Skidelsky & Co., Robert Craig Co., Conard & Jones Co., Julius Roehrs Co., R. & J. Farquhar & Co., W. K. Harris, Knight & Struck Co., B. Hammond Tracy, B. D. Rapteyn & Son and C. H. Totty.

At this show, the nurserymen will make a strong showing in the trade section. Among those exhibiting will be Thos. Meehan & Sons, Bobbink & Atkins, Andorra Nurseries, J. G. Harrison and Sons, and Adolph Mueller. Among the miscellaneous exhibitors are: Bon Arbor Chemical Co., plant foods; Alphano Humus Co., humus; Cloche Co., plant forcers; Richmond Cedar Works, plant tubs; Galloway Terra Cotta Co., garden accessories; Gude Bros. Co., specimens; Florists' Exchange, books; Kirke Chemical Co., plant food and appliances; New York Stable Manure Co., fertilizers; Stratford Flower Farms, fancy plant stock; A. W. Smith Co., landscape work, and Miniature Building Co., children's garden toys.

The retailers' section will be well filled; reservations have already been made by John C. Gracey, John Kuhn, Harry S. Betz, London Flower Shop, and Chas. Grakelow. Institutions interested in horticulture will also be represented, among them the School of Horticulture for Women, and the Women's National Horticultural and Agricultural Society.



FIRST ANNUAL DINNER OF ASSOCIATED RETAIL FLORISTS, INC., AND GREEK-AMERICAN FLORISTS' ASSOCIATION.
Hotel Breslin, New York, January 31, 1916.

Prospective exhibitors and firms who have unfortunately been prevented from making reservations through lack of space, which has been a serious obstacle for many weeks, will no doubt, be glad to avail themselves of the large area of additional space recently becoming available for trade exhibits. This space is situated, at the rear of what formerly was the stage, but is now a continuous part of the main floor, reached by both center and side aisles. It is here that the aquarium society will have their display exhibit, and the exhibits of aquarium accessories will be located. In taking over the construction work, decorations and equipment from the automobile show, the committee finds itself in possession of an area splendidly adapted for exhibits of a miscellaneous character, reservations in which can be made on very liberal terms. Visitors at the automobile show will remember the section as that where the exhibitors of automobile accessories were located, and where there was at all times congregated a large and interested crowd.

Chairman Kleinheinz of the committee on exhibits has done yeoman work in interesting private growers to stage exhibits, and it looks as though the classes will be generously filled. At least four entries for the rose garden contest are in sight, and the success of this important feature of the exhibition is virtually assured. The American Rose Society has raised about \$1,500 in special premiums, which is considered as a material help as regards the premiums' responsibility in the rose section. The American Car-

nation Society has raised about \$500 for a similar purpose, and it is expected that the American Sweet Pea Society and the American Gladiolus Society will render similar assistance. The final schedule will contain a class to cover exhibits of aquatics, a special prize for which has been donated by the Foley Greenhouse Mfg. Co., Chicago. This class will form another distinctive feature of the show.

The carnation section will be well filled, and it is expected will embrace all the novelties now under consideration by our leading carnation growers. It should not be forgotten that the carnation exhibits will form a complete show in themselves, and will really be the jubilee exhibition of the American Carnation Society, a special silver medal having been struck by the society for award to practically all the winners of blue ribbons.

Chairman F. Cowperthwaite of the committee on information, whose address is 518 Market street, Philadelphia, has mapped out several trips among the florist establishments in and around Philadelphia for those who wish to visit the same, and his committee will be prepared to lend every assistance in the way of information which may be required. This department will have a number of paid assistants who will act as guides at the show and be continually at the service of all seeking enlightenment. The Florists' Telegraph Delivery is to make an exhibit that ought to speak volumes for the service it is exploiting. It will have two booths, to represent the sending, receiving and filling of florists' orders by wire.

Florists on the lookout for unusual effects in decorations for large functions will be interested in the installation of a big electric fountain, which will be in operation throughout the show. The ladies who have taken an interest in the show, and are to operate the tea garden, are holding weekly meetings at the Ritz-Carlton hotel in Philadelphia, and perfecting some elaborate plans for their department. The young ladies who are to officiate during the show period will be costumed to conform to the general effect aimed for. An orchestra of 36 pieces will present a splendid musical program twice daily, and will be stationed at a point furnishing the best acoustic possibilities.

Sectional and sister societies desiring to have booths or stands at which they can look after the interests of their respective organizations will be accorded space on the balcony floors for the purpose. Arrangements are being made for quarters for Miss Jarvis, founder of the Mothers' Day Association, and the actual founder of Mothers' day, a day of much interest to florists, which booth will be presided over by Miss Jarvis in person.

The work of compiling the official souvenir programme is well under way, and the pages to be set apart for trade advertising are being taken up in a satisfactory manner. To meet the wishes of many of the advertisers and Philadelphia interests, it has been decided to charge ten cents for all copies of the programme distributed in the exhibition hall. The rest of the circulation will be gratuitous as previously arranged. Chairman Therkild-

son of the committee on publicity has arranged to have copies of the programme on every dining, buffet club, and parlor car arriving in Philadelphia during the show.

Chairman E. J. Fancourt of the committee on trade tickets reports a considerable number of these tickets already taken up and without a doubt, the demand for the whole issue contemplated will materialize. Tuesday, March 28, has been decided upon as the day when the New York Florists' Club with its guests will visit the show, and this day will be known as New York day. The club's committee in charge, with A. L. Miller as chairman, is perfecting arrangements for transportation and a dinner en route to Convention hall. It is expected that at least 400 persons will comprise this party.

JOHN YOUNG, Sec'y.

PLANT NOTES.

Genistas.

The plants of genistas should now be making their blooming growth and no further pinching will be necessary except in the case of long, strong growths which sometimes break from the stem and thereby spoil the symmetry of the plant, and these should be cut back as soon as they grow beyond the other flowering shoots. They can now be bloomed in succession by moving some into a warmer house, but those that are wanted at Easter are still better left in a cool house, one with a temperature of 45 degrees being the one that will produce the best results. These plants are never partial to great heat, reveling in a cool atmosphere, and often when taken into the warm living rooms where the air is extremely dry will soon drop their leaves. Those that are being grown to certain shapes, such as the balls, pyramids or baskets, will doubtless require some pinching back yet, but this should be done with great care or the flowering buds will be removed. A close examination of the tip of the shoot will clearly show whether the buds are forming and when this occurs all pinching must be immediately stopped. Any blind wood or extra strong growths that are cut out may be made into cuttings and young stock obtained. These will root much better in a cool propagating bench than in one where the bottom heat is confined. When the plants are full of bloom they will require heavy watering, and do not place them in a dry warm location for any great length of time.

Verbenas.

The verberna makes a very satisfactory bedding plant if properly grown, but the thin, spindly plants produced from late grown seed and planted in flats and baskets as closely together as is possible in order that they may be sold at a cheap price, seldom make any showing in the beds until very late in summer. The seeds should be sown early enough that the plants may be stopped and branched and grown in pots, and one plant so grown will make more showing during the season than half a dozen of the poor plants so freely offered at the spring sales. It is really better to buy the rooted cuttings of selected varieties that are advertised at this time than to sow seed after the middle of February. Seed

sown up to this date, however, can be grown on to make fine plants. Care must be exercised in the germination of the seed, which is often blamed for the carelessness or lack of knowledge of the grower, for the seed damps off very easily when it germinates, being very sensitive to any change in temperature and moisture. Until they begin to make growth, the plants should be watched carefully, never allowed to become dry, or exposed to any draughts.

Pelargoniums.

While all the plants so well known as geraniums are pelargoniums, yet it is the show or fancy type called by many Lady Washington geraniums that are generally known under this name. The plants that are wanted in bloom in April and May will now be in their blooming pots and beginning to show their blooming growths, but for June and July flowering the plants should now be shifted to the blooming pots, five or six-inch as the plants may require, except with large specimens, of which few are now seen. They like a turfy, coarse loam, to which may be added one-fourth well rotted manure, and if the soil is heavy a liberal amount of sharp sand to keep it open, and the plants should be potted very firmly. A cool, well-ventilated house should be selected for growing them, and until the days grow warmer and brighter they should be watered sparingly. In early spring, when they are well covered with foliage and the blooming shoots begin to grow, more water will be needed. A little stopping may be necessary if the plants send forth strong, long growths, to make the plant shapely, but care and judgment should be used in this operation, which should cease upon the appearance of the bud shoots, which are easily distinguished by the different manner of growth. Do not attempt to take any cuttings at this time, for after the plants are through blooming is the best time for propagation, and any cuttings taken now are pretty sure to rob the plants of the bloom. These plants are very subject to attacks of both red spider and green fly, and should be fumigated or sprayed regularly. As the extremely hot, dry days of summer approach a slight shade will be found very beneficial to both the plant and flowers.

Antirrhinums.

The grower of antirrhinums has an opportunity now to select the best plants from which to propagate the stock for another year, as the plants are now producing fine spikes and it is possible to select the best types. Those that have fine large flowers set closely together on the stem, and yet not close enough to crowd, are to be preferred. The earliness of blooming is another matter to take into consideration. It will be found in raising these plants from seed that there is a great difference in their time of blooming, and for winter flowering the earliest that there are of good type should be chosen. There are plenty of good cuttings to be obtained now, for the laterals which grow from the axil of each leaf make the best cuttings and the flower is enlarged by their removal. Plants that are in bloom will be benefited greatly from now on by feeding either with liquid manure or a strong mulch, and the next growth thinned to eight or ten shoots, which will insure a much better crop for spring cutting than to allow all the small shoots to grow.

Keep the plants tied erect all the time, for it takes but a few hours' sun to draw the tip up from a stem that leans away from the center, with the result that a crooked stem is formed, which greatly impairs its appearance. These spikes of bloom should be handled very carefully, especially the long sprays, for they are very brittle and break easily. It is better not to cut too many at once. When cutting hold them with the heads hanging down, and when there are as many as can be easily held in the hand, cut, take them at once to the flower room, trim off all surplus growth and tie the stems a dozen in a bunch, then loosely tie strings around the center and toward the top of the bunch, and place the stems in a deep jar of water. This prevents crooked stems, so often seen, for the plant continues its growth after being cut, and if allowed to hang away from the jar the blooms grow crooked.

Sowbug Remedies.

ED. AMERICAN FLORIST:

Please advise as to the best way to exterminate sowbugs. K. F. C.

In the treatment of sowbugs poisoned baits are standard remedies. The great fondness of sowbugs for potatoes long ago led to these being used, poisoned either with Paris green or London purple. The potatoes are sliced and a thin covering of powder applied. Sprinkling the soil around an injured plant with Paris green, or dusting the same under boards and other haunts of the sowbugs is also very effective.

In addition to Paris green and London purple, arsenate of lead may be used. There is no danger from the use of any of these arsenicals, if they are not sprinkled or sprayed on the plants. A still cheaper substitute for Paris green is white arsenic, which is quite inexpensive; it is, however, dangerous to apply it to delicate plants. One or two tablespoonfuls of white arsenic to a bucketful of bran, sweetened with a quart of syrup or molasses and the mixture sprinkled about the beds will prove very effective in the control of these creatures.

If the sowbugs are injurious in a cultivated patch—after treating the ordinary haunts—it is best to keep the ground well broken and raked to prevent clodding and cracking, which gives them protection. Old boards, cans and rubbish should not be allowed to accumulate. Such precautions will tend greatly to prevent any great damage or annoyance.

F. H. C.

From time to time we notice inquiries about how to get rid of sowbugs and the remedy always given is some kind of poison. Now, a few years ago we were simply being eaten up with sowbugs, for every one killed with poison ten would come to the funeral, till we did not know what to do to save our plants. We just happened to try Slug-Shot, which simply exterminated them and by always keeping it on hand we have kept them down ever since. It is a cheap preparation, a five pound bag will go over a hundred-foot house. We just sift it on tables and under the tables. It will surely kill them, large and small. Be sure and go over the house carefully and sift on all available space. Be sure and use it in the evening when the foliage is dry. D. M. TIPTON.

SALEM, N. J.—H. E. West has opened a flower shop in the Patterson block.

New York Spring Show.

APRIL 5-12, 1916.

The flower show committee is gradually bringing to completion the final schedule of premiums to be awarded at the New York flower show, and it is expected that it will be ready for distribution about March 1. Numerous additions to the classes as set forth in the premium schedule have been made, and quite a number of special prizes will be announced. The committee on special premiums of the New York Florists' Club, F. L. Atkins, chairman, is meeting with considerable success in its efforts to influence the donation of prizes, and it is hoped by the end of the month all who intend to assist the show in this way will communicate their desires to the committee or to the secretary. A similar committee from the Horticultural Society of New York, F. R. Newbold, chairman, is doing like work in its own field. It has been arranged that trade tickets for admission to the show shall be supplied at the same rates as last year, and all applications for same must be made to the secretary.

The official souvenir programme is in course of preparation. The edition will be placed on sale during the show at the price of 10 cents per copy. The programme this year will show considerable improvement over the publication of last year. Exhibition Manager Herrington is making frequent trips among prospective exhibitors, and his reports are quite enthusiastic as to the support promised, and it would seem that there need be no apprehension that the show will be anything but a huge success and much superior to the show of last year. The trade section, too, promises to greatly excel that of last year, the reservations already made showing a considerable increase in the number of exhibitors.

The ladies will again operate the tea garden, the proceeds to go for the purposes of charity, to be announced later, and the whole of the east end of the second floor has been relegated to their use. They are very busy just now promulgating ideas, and it is expected that their plans when matured will cover some novel features in the way of entertainment and service.

The committee has had prepared a "sticker" or stamp poster, to be used on trade stationery, and is sending supplies of these stamps to all who will use them. If any of our friends who can use a supply of these stamps will communicate with the secretary the same will be sent, and the committee will greatly appreciate the courtesy of their use. Two of the great feature classes of the show will be very creditably filled, it is pleasing to know. At least five entries are promised for the class covering rose gardens, and there are to be three entries in the rock garden class.

The work of obtaining publicity for the show has been placed in the hands of the Korbel-Colwell organization, which very creditably gave the same service last year. It has been arranged that the booth of the Horticultural Society of New York shall be located on the second floor of the Palace, instead of the main floor as formerly, this making their old location available for trade exhibits. About February 15 the committee will decide upon the days to be set apart

for the exhibits in the cut flower sections, roses, carnations, sweet peas, etc., and proper announcement of same will be made as soon as possible after a decision is come to.

JOHN YOUNG, Sec'y.

State Florists' Association of Indiana.

The monthly meeting of the State Florists' Association of Indiana was held at Lafayette, the members being the guests of Fred Dorner & Sons Co. The attendance numbered about 35, and all present were much interested in this firm's seedling carnations. Perhaps the grandest sight on the place was Carnation Nancy, the new salmon pink, which is being introduced by this firm this year. The blooms are of good average size, of fine texture on long stems. It seems to be a wonderful producer. Another noteworthy variety, much commented upon was Rosalia, a beautiful cerise pink, which is quite an improvement on Rosette. This variety will be sent out next year with the new variety, Old Gold. Hundreds of new seedlings in every shade of color were seen and admired, and quite a number showed improvement over the standard sorts. One particularly noteworthy variety was No. 45-13, a dazzling red, very free grower and a perfect calyx. No. 125-12 was another variety that the visitors were much interested in. This was a very light pink early and free. This stock will be increased and if it shows no bad effects will be sent out later.

Carnations were not the only things that were well grown at the Dorner establishment. The roses were all in first-class shape and showed excellent culture. After an inspection of the greenhouses, the visitors were taken by autos to the Lafayette Club, where everyone enjoyed a splendid dinner.

W. W. C.

Boston.**MARKET SHOWS IMPROVED TONE.**

The market took an unexpected turn for the better during the latter part of the week, and consequently prices advanced on the lilies that had fallen off. Roses stand out prominent as the most staple article on sale, prices ranging from \$6 per 100 on nine inch grades up to \$2 per dozen. Carnations during the first part of the week were hard to move at \$1.50 per 100, but Friday and Saturday they easily brought \$3. White and pink varieties are in demand, crimson being the slow selling color. Bulbous stock is coming into prominence, Golden Spur being in good demand at \$2 and \$2.50 per 100. Tulips sell fairly well, good stock bringing \$2 per 100. Violets and sweet peas are selling rather slow, but the supply is not very large and they clean up fairly well.

NOTES.

McAlpine Bros., of Exeter, N. H., are cutting a good crop of roses. They have some very fine Ophelia, Ward, Sunburst and Killarney. They also have a nice lot of the new rose, Hoosier Beauty. Business at their wholesale store at 253 Devonshire street is very good now, a large quantity of Valentine specialties being handled.

R. Peterson, of Saxonville, is cutting a nice lot of snapdragons and myosotis, as well as carnations. He plants the snapdragons along the edges of his carnation beds and as yet has noticed no ill effects from this practice.

Philip L. Carbone has added a new motor truck to his delivery service. The truck is of the heavy car type and is used to transport the larger and heavier articles which he sells, such as statuary and garden ornaments.

Arthur Leibman is handling the output of John Fee, of Jamaica Plain, as Mr. Fee is laid up with a disagreeable rash caused by bulbs. He has at present some very fine Golden Spurs and tulips.

The Halifax Garden Co., of Halifax, Mass., is cutting a large crop of carnations. Their Enchantress Supreme, Ward, Matchless and Beacon are of exceptional quality.

Louis Small, of Tewksbury, is cutting about 10,000 batchelor buttons per week, many of which he ships to New York and Philadelphia.

Penn. the Florist, has added a new delivery car to his service.

F. L. W.

Buffalo.**WEEK OF FAIR BUSINESS.**

The weather the past week has been favorable and everyone in the trade has been suited. Although there was nothing startling in trade conditions, there were several wedding orders though not of large proportions and a number of dinners, bridge parties and receptions, which while elaborately written up in the society columns of the newspapers, describing the elegant displays of spring flowers, in reality the orders generally consisted of a dozen of tulips and a like number of daffodils and plenty of green hustled from one room to another and made to do double service. Funeral work has been quite brisk and has helped to use up the surplus. Carnations are becoming more plentiful and tulips, daffodils and hyacinths are welcome additions both in cut flowers and plants. Roses are not in abundance. There are just about enough to go around with no surplus from day to day. American Beauties are entirely off crop. Lily of the valley, orchids and gardenias are equal to the demands. Violets are quoted at \$1 per 100 for the best, but much stock is offered on the streets at 25 cents per bunch and the department stores and some florists feature them at this price at Saturday sales, with no delivery or ribbon included.

NOTES.

The nomination of officers of the florists' club has brought out several candidates who aspire for the president's office this year, among them being Robert Scott, L. H. Neubeck, E. C. Brucker, Frank C. Baum. Other candidates for other offices are W. J. Peake, Chas. Ginther and W. H. Grever for vice-president; Oliver Klunkenmeyer, Leo. Neubeck and Edward Stratmeyer for financial secretary; William Legg for secretary and Wallace Eiss for treasurer. A banquet will be held election night and it is expected considerable political activity will be displayed by several of the younger aspirants for office. This should be encouraged and should one "has been" be elected president, it would no doubt result in "Billy" Kasting or Andy Adams thinking that they might "come back." Of course this is a free country and if such should be the case the club would know it and there would be a meeting at least once a year aside from election night. But wait until March 7.

It is expected that about 10 from this city will attend the New York State Federation of Horticultural and Floral Clubs at Ithaca this week. The meeting will be held at Cornell University. Assemblyman Miller of Erie county has introduced a bill providing for the appropriation of \$60,000 for greenhouses at the university, and it is hoped that the bill will pass and have the approval of the governor.

S. A. Anderson and wife have returned from St. Louis and Colorado Springs.

BISON.

Minneapolis.

Cold weather prevails, with the mercury near the zero mark and a heavy covering of snow on the ground. Roses are limited in supply and not equal to the demand. Carnations, however, are coming in more plentifully, as are daffodils, jonquils, and tulips, but the last named are short of stem and only fit for funeral work. Violets are more plentiful and sell at prices varying from 25 cents to \$1 per 100. Paper Whites are scarce. Freesias are fine and sell at three cents, while Romans are quoted at from two to three cents.

NOTES.

The dance of the Minnesota State Florists' Association, February 1, was a most delightful affair, and was also a grand success from a financial standpoint. P. Holm and O. J. Olson, of Holm & Olson, the well-known florists of St. Paul, heading a delegation of 62 from that city, came in automobiles accompanied by a uniformed band. The hall was very tastily decorated under the direction of President W. D. Desmond, of the L. S. Donaldson Co., palms, ferns and carnations being used in profusion. Miss H. B. Whitted, accompanied by her force, attended the dance, the party arriving in two automobiles.

The Minneapolis Floral Co. laid off seven of the force and reduced salaries of most of the remaining employees by order of the administrator last week.

Thomas Lynes had a fire at his store February 1, but the blaze was extinguished by the employees, with a loss of about \$10.

Rice Bros.' bowling team took two games out of three from the Donaldson floral departments' team at the Elks' alleys, February 4. Walter Mauntain had the high score with 197.

Be sure to attend the meeting of the Minnesota State Florists' Association at the Nicollet hotel, February 15, at 8:30 p. m.

Oscar Amundson had 12 designs for one funeral February 5, which made quite a hole in his stock.

Visitors: E. H. Goldenstein, representing Vaughan's Seed Store, Chicago; H. O. Wilson, Cannon Falls, Minn.; J. J. Cairns, representing Henry A. Dreer, Inc., Philadelphia, Pa.; A. F. Longren of Burlington Willow Ware Co., Burlington, Ia. T. C. R.

Ft. Wayne, Ind.

BUSINESS EXCEPTIONALLY GOOD.

Trade during the past two weeks has been better than at any time since the Christmas holidays. The supply of cut flowers, especially carnations and roses, has increased materially, and bulbous stock is appearing in larger quantities. Roses are better in quality than they have been and prices hold firm. Funeral work constitutes the bulk of the demand although there are numerous orders for weddings. The flower shop windows are resplendent with attractive suggestions for St. Valentine's day and many of the florists are using the daily papers and are mailing folders with suggestions for the day.

NOTES.

The Doswell Floral Co. is contemplating the erection of several more greenhouses this spring to be devoted to roses. A large wedding decoration was arranged by Miss Rhoda Doswell last week. Southern smilax was used in quantity with Shawyer and Richmond roses. Many ferns and blooming plants were used to bank the mantels. The bride's bouquet, a handsome shower of Ophelia roses and lily of the valley, was splendidly done.

The Flick Floral Co. executed an elaborate casket cover last week in which quantities of white lilac, Easter lilies and Shawyer roses were used.

Another funeral design arranged by this firm was a handsome wreath of large size made of russet oak foliage and Richmond roses. The windows of their establishment show active preparations for St. Valentine's day trade.

Markey Bros. have moved their flower shop from 117 West Washington street to 726 Harrison street. Their new location is a good one in the center of the shopping district. The store is of good proportions with a large display window.

W. J. Vesey, Jr., and wife have returned from St. Louis, Mo., where they attended the convention of the American Carnation Society, of which organization Mr. Vesey was chosen vice-president.

Miss Helen Patten, manager of the Patten Flower Shop, Toledo, O., spent several days here last week, visiting her sister, Mrs. Aaron Shive of the Flick Floral Co.

H. K.

Nashville, Tenn.

TRADE QUIET WITH FAIR SUPPLY.

Business during the past week has been rather quiet. Stock has been somewhat scarce but the supply has been sufficient to meet all demands, with the exception of roses. American Beauties are scarce and there are not many Richmonds, and if it were not for the Killarneys, there would be a dearth indeed, the supply of them being sufficient to fill all orders. Sweet peas are good now and with carnations help to satisfy the demand. Violets are plentiful and the supply will be abundant for St. Valentine's day. The florists' windows are already calling attention to this festival and the heart-shaped baskets and boxes and various other suggestions fill the counters and windows. The leap year reminder is also in evidence calling attention to the feminine privilege of sending "him" a nice box of flowers. The bird vases and bowls are shown in unlimited supply and attract much attention. Pot plants will also play a big part in the sentimental day this year. There has never been a more plentiful supply or more beautiful displays of cyclamen in all the most attractive colors than are to be seen this year, and the prices are very reasonable. Cinerarias are also to be had and bulbous stock is abundant.

NOTES.

The Joy Floral Co. has inaugurated a leap year idea in a handsome boutonniere priced at 50 cents and delivered by special delivery parcel post any place in city or state. The idea has become quite popular with the ladies who send them to their friends of the opposite sex.

Geny Bros. have a fine supply of Easter lilies and lily of the valley and will have an abundant supply of violets for St. Valentine's day. They will cut at least 15,000 for that occasion. Business generally has been good at this establishment.

Visitor: Mr. Craig, representing the Sefton Manufacturing Co., Chicago.

M. C. D.

Kansas City.

SHORTAGE IN SUPPLY CONTINUES.

Stock is still scarce, the local supply arriving in limited quantities owing to the dark days. Roses are still high in price, and are short of the demand. Carnations are plentiful but show a falling off. Bulbous stock is coming in stronger, there being some very good jonquils and tulips to be had. Sweet peas, while more plentiful, are not to be had in sufficient numbers to meet the call. Many of the stores are making their stand on pot plants, the quality kind selling especially well.

NOTES.

The Wm. L. Rock Flower Co. had a big week of funeral work, many orders going to out-of-town points. Their carnation crop fell off somewhat during the past week, the cut running from 1500 to 1800 per day. Chas. Heite of the greenhouse force has gone to Florida for several weeks' rest.

W. J. Barnes reports one of the best week's business outside of holiday periods in the history of his business. The demand for funeral work has been heavy and he had many orders for decorations for the automobile show.

T. J. Noll & Co. are handling large stocks of carnations. The roses seen here are fine in quality but the quantity arriving is short of requirements. A good trade in supplies is reported.

H. Kusik & Co. report a heavy call for wire work and supplies. They are handling good stock in roses, carnations and bulbous flowers.

Ed. Ellsworth reports A No. 1 business in both funeral work and plant sales. He is showing some fine pans of hyacinths and tulips.

Arthur Newell is having a good trade in pot plants. Orders for funeral work are plentiful but stock is hard to get.

W. W. Harnden, president of the Harnden Seed Co., is spoken of as a candidate for mayor at the coming primary.

The Gilday-Skidmore Co. has opened an attractive flower shop at 214 East Eleventh street.

Visitor: R. Greup, representing Ottolander & Hooftman, nurserymen, Boskoop, Holland. E. J. B.

Roanoke, Va.

The Wertz Flower Store on Campbell avenue is well supplied with a full line of floral requisites, cut blooms and flowering plants being received daily from the range of Canaday & Wertz on Orange avenue.

John Waldis, one of the pioneer florists of this section, is also superintendent of Roanoke cemetery and grows thousands of plants many of which are planted on the graves.

Frank Fallon has an exceptionally attractive flower shop on Jefferson street. A large window offers excellent opportunity for display and it is taken advantage of, artistic arrangements of cut flowers and designs being a daily attraction here. An attractive sign 6 by 18 feet, featuring a red rose placed opposite the depots of the Norfolk & Western railroad, calls attention of thousands of passengers to Fallon's. Two new houses each 42 by 200 feet are to be added to his range this spring and will be devoted to carnations and roses. This will bring his glass up to 140,000 feet. Vegetables are also grown in quantity and shipped to outside points.

J. E. K.

Staunton, Va.

John Fallon, who has a good local flower trade in addition to shipping thousands of flowering and vegetable plants to outside points, is growing some fine Marie Louise and Princess of Wales violets in cold frames, that give promise of producing a big supply of flowers. He is now cutting his first crop of sweet peas, some splendid colors being seen among them, especially in bright pink and rose shades. He is also cutting a heavy crop of carnations daily.

Miss Hamrick's flower store on Frederick street is very attractive with its southern bay window attractively decorated with fresh stock that she receives daily from Philadelphia. In designing, she is a finished artist.

Visitor: J. J. Fallon, Lynchburg, Va. J. E. K.

Albany, N. Y.

CLUB MEETING.

At the February meeting of the Albany Florists' Club, Fred A. Danker was instructed by President Thomas F. Tracey to prepare a paper for the March meeting on methods to be adopted to elevate the retail florists' business. A question as to the best Spanish irises was answered by a visitor, John Tegelaar of Lesse, Holland, who is in this country on his annual visit to the trade to solicit bulb orders. Mr. Tegelaar recommended Louise, King of the Blues, Sophy, and Jaffee, as comprising an assortment in colors and characteristics that would probably best satisfy the grower. Edward P. Tracey reported that a number of the retailers in the city had taken up the suggestion of William C. Gloeckner to put up 50 posters, each four feet by nine feet, on the bill boards of the city, February 5. The posters were to call attention to St. Valentine's day as an appropriate occasion for the use of flowers. It was decided by the members that it was best that the matter be taken care of outside the jurisdiction of the club, although ordinarily the advertising committee acts in such matters. Mr. Thompson of the Credit Association of New York was given the floor to explain a tentative plan by which local florists may collect their past due accounts. As outlined the plan provides that each retailer send in to a central office from week to week his past due accounts. These are tabulated and a sheet issued weekly to be sent to subscribers informing them of the names of the people who owe other florists. Mr. Tegelaar said that a system similar to this is in use among the bulb growers in Holland, where it works satisfactorily. On motion of F. A. Danker, President Tracey was authorized to call a meeting of the local retailers to discuss the credit association plan and its practicability for the local field. Mr. Thompson said that the subject will come up again at the national flower show in Philadelphia in the spring and some effort will be made to make the credit association plan national in scope. In fact, it was at the suggestion of Patrick Welch of Boston that Mr. Thompson stopped off at Albany to explain his plan here. A letter from the family of James Snyder, of Rhinebeck, announced his illness and inability to be present at the meeting. Through the courtesy of F. A. Danker there was on exhibition a large vase of the new pink carnation, Cottage Maid, from the Cottage Gardens Co., Inc., Queens, N. Y.

R. D.

New Orleans Horticultural Society.

At a meeting of the New Orleans Horticultural Society, held February 5, at the Association of Commerce, final details were perfected for the annual spring flower show to be held at the Athenaeum, April 6-9. The flower show this year will be on a larger scale than anything heretofore attempted in New Orleans. The interior of the building will be converted into a garden of rare beauty, with winding paths and terraces of spring blossoms and suspended on an incline in the rear of the main hall, on the stage, will be a huge American flag, composed entirely of blooming plants. Everything pertaining to the embellishment of home and home grounds will be on display and arranged in such manner that it will serve as an object lesson to the people of New Orleans, in working out such improvements to their premises as they might choose.

Realizing the worthy cause of the Louisiana Anti-Tuberculosis League, the New Orleans Horticultural Society has decided that the entire net pro-

ceeds of the flower show shall go to this organization, to aid in furthering its work. Those visiting the spring flower show not only will afford themselves a treat and instruction in the manner to beautify their home grounds, but will assist in a worthy cause.

The following florists compose the committee on arrangements, who have agreed to furnish a guarantee fund to defray the expenses to be incurred in giving the flower show this year: P. A. Chopin, chairman; Henry Scheurmann, ex-officio; Charles R. Panter, secretary; Abele Brothers, Herman Doescher, Charles Ehle, Charles W. Eichling, E. A. Farley, Henry Kraak, Claude Ory, J. A. Newsham, F. J. Reyes & Co., J. Steckler Seed Co., M. Scheinuk, Verline & Vandereecken, B. M. Wichers, Henry Mische, A. Dammara.

C. R. PANTER, Sec'y.



The Late Edward Branch.

Washington.

Business in general is very good, although stock is not over plentiful. There is enough to take care of all immediate requirements, however. American Beauties are scarce and bring from \$9 to \$12 per dozen. Other roses are quoted at from \$4 to \$15. Carnations sell at \$4 and \$5. Jonquils and freesias are plentiful.

NOTES.

Marche & Co. may be one of the smaller stores of the city in size, but certainly not in the volume of business done. Manager White is always a busy man from the opening until the closing hours.

The Washington Florists Co., had charge of the decorations at the Army and Navy Club. A table decoration in the form of a Japanese garden was especially noteworthy and attracted much attention.

Z. D. Blackistone has a very neat window decoration of orchids of many kinds mossed in old logs and stumps.

Mrs. George C. Shaffer, who has been ill for several weeks, is recovering and hopes to be out shortly.

G. C. D.

SAN FRANCISCO, CALIF.—S. Suzuki, of the Yokohama Nursery Co., sailed for Japan on the S. S. Nippon, January 22, after disposing of his firm's extensive exhibit at the Panama-Pacific exposition. A. Kakuda, who assisted him in this work, returned to the firm's New York headquarter's February 5.

OBITUARY.

Donald Matheson.

Donald Matheson, for many years superintendent of the estate of the late William Walter Phelps, Englewood, N. J., died February 3 in the Hackensack, N. J., hospital, aged 73 years. He came to this country from Scotland, where he was born, when a young man. He became an employee of Mr. Phelps, (who had a nation-wide reputation as a statesman and diplomat, having been minister to Germany), simply by chance. Mr. Phelps was one day riding on a street car and noticed a man that he afterwards said "looked like a Scotchman." He engaged him in conversation, learned that he was a trained horticulturist and engaged him to superintend his estate, a position he held until his last illness. Mr. Phelps has been dead for a number of years, but during his lifetime, the relations between he and Donald Matheson were not of master and servant, but of a gentleman toward his friend and equal. It is needless to add that Mr. Matheson was a man of high character, greatly respected by all who knew him. He was a member of the Masonic order and had many friends in New York City, prominent among them being Alexander McConnell and Thomas Young, Jr.

Edward Branch.

Edward Branch, for nearly 40 years engaged in the wholesale cut flower business in New York, died at his residence in that city, February 4, aged 63 years. About five years ago he was stricken with paralysis and has since been an invalid. He was born in Bohemia, Austria, and arrived in this country July 4, 1865, and had been in the florist business nearly all the time of his residence in New York. He kept a horse and wagon and his method was to buy in the early morning markets from the growers and drive about the city and sell to the retailers. As one dealer recently expressed it: "Branch was absolutely on the level and never owed anybody a cent." He was also kind and devoted to his family. He is survived by a widow and six children, four daughters and two sons, and by nine grandchildren. One of the sons, Herman, has carried on the business since his father fell ill; the other son has for a number of years been employed by Charles H. Brown, the well known Broadway retailer.

Henry Clay Scherer.

Henry Clay Scherer, an expert designer and decorator, died at his residence in New York City February 2, aged 63 years, of heart trouble and rheumatism. He was born at Tompkinsville, Staten Island, and was of German descent. At an early age he entered the service of Zahn, the father of Frederick Zahn, who was in the retail business on Grand street. Later, he was, for a number of years, employed by the late J. M. Hodgson. For several years he was in Pittsburgh, Pa., as an employee of J. B. Murdoch. For a time he was in business for himself, on Sixth avenue, New York, but for the past 20 years has been employed by Peter L. Bogart, 970 Sixth avenue, New York.

He is said to have been the first New York florist to construct and exhibit in show windows, the miniature greenhouses that are now frequently seen. He was a man of a genial and kindly disposition and was popular with his employers and associates. He was a member of the Masonic order.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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"FLOWERS make an undertaker's cheap casket look attractive and in the absence of flowers of speech, divert attention from a dull sermon."

PHILADELPHIA papers are giving liberal space to the National Flower Show, the Record of that city making arrangements to issue four special flower show numbers.

SOME retail florists are not at all pleased with the behavior of Mrs. Charles Russell roses, saying the flowers quickly turn blue and do not open satisfactorily after they are cut.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

Rose Annual.

The coming issue of the American Rose Society's annual, which will appear about February 20, among numerous attractions for professional and amateur rose growers, will contain, "Gurney Hills Rose Half Century", by J. Horace McFarland; "The Future of the Commercial Growing of Roses for Cut Flowers" by Wallace R. Pierson; "The Newer and Standard Varieties of Roses for Forcing," by Charles H. Totty; "Commercial Rose-Growing", by John Welsh Young; "The Growing of the Best Cut Flowers", by Wm. F. Gude and "What the Wholesaler Looks for in the Handling of Roses as Cut Flowers", by S. S. Penneck.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the registration of *Cattleya Percivaliana* "Roeblingiana," by Lager & Hurrell, Summit, N. J., becomes complete.

Public notice is also hereby given that as no objection has been filed to the following offered by Lager & Hurrell, registrations become complete:

Cattleya Percivaliana Aurora.
Cattleya Percivaliana spectabilis.
Cattleya Percivaliana resplendens.
Cattleya Percivaliana Stanley Ranger.
Cattleya Percivaliana Superba.
Cattleya Percivaliana grandiflora.
Cattleya Percivaliana gigantea.
Cattleya Percivaliana Expanse.
Cattleya Percivaliana Atropurpurea.
Cattleya Percivaliana Oreol.
Feb. 5, 1916.

JOHN YOUNG, Sec'y.

Tulip Decision Affects Revenue.

It is estimated that the government will be deprived annually of several hundred thousand dollars in duty owing to the fact that at the last revision of the tariff the letter "s" was added to the word "tulip" as appearing in the corresponding paragraph of the Act of 1909. In other respects the language of the old and new flower and bulb provisions are identical, while the duty rates remain the same.

Whether the addition of the single letter was a typographical error in the final printing of the Underwood tariff bill as it was sent to the President for signature or resulted from congressional intent could not be decided by Judge Barber in a decision handed down by the United States Court of Customs Appeals as reported in THE AMERICAN FLORIST, February 5, page 148. The effect of this decision will be to cut customs receipts from imported tulip bulbs exactly one half.

Paragraph 210 of the present law specifies, among other things, "lily of the valley pips, tulips, narcissus, begonia, and gloxinia bulbs," whereas paragraph 263 of the Payne tariff act was identical except that the word "tulip" appeared instead of "tulips." Both provisions specified the rate of duty as \$1 per thousand. Maltus & Ware, however, representing large bulb importing interests, took advantage of the addition of the "s" to bring a test case before the board of general appraisers and the Customs Court.

It was contended that the changing of the phraseology had made a noun

of the word "tulips," thereby taking away its character as an adjective, and that as a consequence the word no longer referred to tulip bulbs. This led to the claim that the proper duty on the bulbs themselves was 50 cents per thousand, as "all other bulbs which are cultivated for their flowers or foliage." Under this claim the rate was cut in two. Judge Waite in a decision for the General Board held that tulips as cut flowers or as plants were never imported, and that it was manifest a typographical error was made by adding the "s". The board accordingly sustained the Collector's assessment at \$1 per thousand, Allan R. Brown, attorney for the protestants, then appealed to the court.

Assistant Attorney General Hanson, representing the government urged the court to affirm the board's ruling. He said that, although grammatically construed the statute might warrant the importers' contention, nevertheless, in view of the history of the paragraph, its context and spirit, it should not be given that effect, and suggested that the addition of the letter "s" to the word "tulip" in the clause was the result of a typographical error.

It was contended that, when the earlier drafts of the tariff bill were prepared, the paragraph in the new bill was identical with that in the old measure. Subsequently many changes were made in the bill as a whole, some paragraphs or clauses being stricken out and others added. Judge Barber, in reversing the board and finding in favor of the importers, said Congress was presumed to have deliberately made the change, and that in any event, under the general rule of tariff construction, doubts should be reserved in favor of the importer. He added that the grammatical sense must be adopted unless there were within the statute cogent reasons indicating a contrary intent upon the part of the lawmakers.

Illinois State Florists' Association.

Secretary J. F. Ammann of the Illinois State Florists' Association calls attention of the members of the organization to the eleventh annual meeting and exhibition to be held at Moline, March 7-8, and members are also requested to make an exhibit of some kind. All novelties will be judged according to the national societies' scale of points and any flower scoring 85 points or better will be awarded the certificate of merit of the association. All flowers are to be shipped, charges prepaid, to John Staack, Turner hall, Sixth avenue and Fourteenth street, Moline, Ill.

A very interesting programme has been arranged, prominent among the numbers being the following: "Easter Flowering and Foliage Plants," by W. E. Tricker of Vaughan's Greenhouses, Western Springs; "What the Division of Floriculture is Doing," by H. B. Dorner, assistant professor of floriculture, University of Illinois; "Soils," by W. E. Taylor, M. D.; Report on Fertilizer Work, by F. W. Muncie, Urbana; Report on Pathological Work, by G. L. Peltier, Urbana. Following the election of officers, which will close the business session Tuesday afternoon, March 7, the annual dinner will be held at 6 p. m. Wednesday will be spent in the inspection of local greenhouses and other points of interest. Official headquarters will be at the Manufacturers' hotel, Moline.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—A young man, 26 years old, would like a position in seed store; 10 years' experience with American and British firms. Good knowledge of nursery stock. Free for engagement. Key 598, care American Florist.

Situation Wanted—Salesman, designer and decorator. Formerly employed in leading eastern retail stores. Now in Chicago. Ready to start work at once. Call Harrison 7465 or Address Key 603, care American Florist.

Situation Wanted—Middle aged florist-gardener. One year with L. C. Tiffany, as headman, wishes position on private place around New York. MAX KLOCKOW, North River Hotel, Barclay St., N. Y.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about March or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can come at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—By February 15. Gardener florist, 33, married, two children, hard working. First class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 596, care American Florist.

Help Wanted—Good grower of roses and pot plants. A. SUNDERBACH'S SONS, 232 W. 4th St., Cincinnati, O.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M. College, Stillwater, Okla. Salary to begin \$50.00 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to SUPERINTENDENT OF GROUNDS, A. & M. College, Stillwater, Okla.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter.

Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner, 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars. LOUIS SCHELLHAAS, Miamisburg, O.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs, for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—Retail florist business in Chicago, in high class location, established over five years. A well paying business with a well established trade. Owner going in wholesale business. A florist with \$1500 cash will get a bargain. Key 601, care American Florist.

Help Wanted.

Experienced Storeman

Good salesman who can do designing, decorating and is capable of taking charge during proprietor's absence. State full particulars and salary expected in first letter.

ARTHUR SCHUTZ, Hammond, Ind.

Help Wanted—Landscape man. Energetic foreman for nursery concern in Chicago. Man capable of handling small as well as large plantings from plans. This is a year round position for the right man. Address Key 604, care American Florist.

HELP WANTED

First-class vegetable gardener, one who has knowledge of greenhouse, hotbed and flower borders. Apply

Box 248, Lake Forest, Illinois.

Flower Business For Sale

Thriving flower business for sale, reason for selling, undertaking business requires all our attention. Write to

Charles Bartcher, Undertaker and Florist, Denison, Iowa.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Chicago Loop Store For Rent.

\$150.00 Per Month.

Store is 16x28 feet and is located in the Stratford Hotel, 83 East Jackson Boulevard, near Michigan Ave., and is considered one of the best locations in the city for a retail store. Store is splendidly decorated and well equipped with mirrors. Will rent until May 1, 1916, and probably a longer lease can be secured a ter. Immediate possession. For further particulars apply to

H. G. TURNER, Room 1315, 5 South Wabash Ave., Chicago, Ill.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

POEHLMAN

72-74 E. Randolph St.,

WE HAVE
3000 CATTLEYS
FOR VALENTINE'S DAY
EASTER LILIES-TULIPS-DAFFODILS-GARDENIAS, ETC.

CURRENT PRICE LIST—Prices Subject to Change Without Notice.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	\$ 5.00
26 to 28-in.....	4.00
22 to 24-in.....	3.00
18 to 20-in.....	2.50
16-in.....	2.00
Short, per 100.....	\$8.00 to 12.00
Hoosier Beauty	
Richmond	Per 100
Hadley	Special, Charged
Ophelia	accordingly.
Sunburst	Long...\$12.00 to \$18.00
Milady	Med... 8.00 to 10.00
Kill. Brilliant	Short... 5.00 to 6.00

Bulgaria	Special..Charged accordingly	Per 100
Aaron Ward	Long.....	\$12.00 to \$15.00
Killarney	Medium.....	8.00 to 12.00
White Killarney	Short.....	5.00 to 6.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$1.50 to \$2.00
Violets, double or single.....	1.00 to 1.50
Jonquils and Daffodils.....	3.00 to 4.00
Paper Whites, Romans.....	4.00
Smilax.....doz.	\$2.00
Plumosus.....per 100,	\$2.00 to \$3.00
Sprengeri.....per 100,	2.00 to 3.00
Adiantum.....per 100,	1.00
Galax, green and brown.....	1000, \$1.50
Leucothoe.....100,	.20
Mexican Ivy.....1000,	\$6.00; 100,
Ferns.....1000,	\$2.50; 100,
Boxwood.....bunch, 25c; box,	7.50
Wild Smilax.....per case,	5.00

ORCHIDS

Market Price.

	Per Doz.
Cattleyas.....	\$5.00 to \$6.00
Gardenias.....	3.00

EASTER LILIES

Per 100.....\$10.00 to \$12.00

LILY OF THE VALLEY

Per 100.....\$3.00, \$4.00, \$5.00

CARNATIONS

	Per 100
Best Fancy, all colors.....	\$4.00
Medium.....	3.00
Splits.....	2.00

TULIPS

Fancy.....Per 100, \$4.00

Valentine Day Accessories

LOOK FOR OUR CIRCULAR, MAILED THIS WEEK.

Flowers arranged in a suitable box for Valentine Day have a more desirable effect—the box being usually kept as a memento of the occasion.

THE HUGHES VALENTINE BOX

“CUPID MAKING A HIT”

Original, highly colored design on cover—artistic, beautiful, practical—24 inches long, 5 inches wide, 3½ inches deep. Ample room for \$2.00, \$3.00 or \$5.00 orders.

Price, \$2.00 per package of 10 boxes.

Corsage Boxes in Heart Shape

Large box, 8½ inches wide and 6 inches deep.
 Small box, 7¾ inches wide and 5½ inches deep.

Boxes are Valentine Red with White Lining. Packed two to nest with square carton for delivery purposes. Per nest of two. 25c.

White Enamel Corsage Boxes

With Red Heart Embossed on Cover.

10x6x5½ inches.....\$5.50 per 100 12x8x6¼ inches.....\$6.50 per 100

Green Tape

For tying boxes, per spool of 1000 yards.....\$1.50

Corsage Ribbons in Colors

Suitable to match all flowers.

Pattern 2450—No. 7 Silk Taffeta, per bolt.....	50c
Pattern Exquisite—No. 7 Silk Taffeta, per bolt.....	75c

Cords

No. 3. Thin Cord, twisted for tying on cards.....doz.,	20c; gross, \$1.25
No. 5. Small Cord, twisted.....doz.,	30c; gross, 3.00
No. 6. Medium Cord, twisted.....doz.,	50c; gross, 5.00
No. 7. Thick Cord, plaited.....doz.,	85c; gross, 9.00

Special Price on Dry Waxed Paper in Rolls

24 inches. Green or white. Each roll weighs about 35 lbs.....per lb., 12½c.

Try one of our assortments of Tumbler Baskets, 50 for \$10.00

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever
offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants			
7-in. pots	3 plants in a pot	32-34 in. high	3.00
8-in. tubs	4 plants in a tub	38-40 in. high	4.00
Specimens, heavy, \$12.00, \$15.00, \$20.00.			

Kentia Belmoreana

Single Plants			
4 inch pots,	5 to 6 leaves,	16 to 18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots,	6 to 7 leaves,	24 in. high	1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
8-inch tubs,	6 to 7 leaves,	36 to 38 in. high	3.50
8-inch tubs,	6 to 7 leaves,	56 to 58 in. high	6.00
8-inch tubs,	6 to 7 leaves,	62 to 64 in. high	7.00

Kentia Forsteriana

Made-up Plants			
7-inch pots,	3 plants in a pot,	36 in. high	\$2.50
7-inch tubs,	4 plants in a tub,	38 in. high	3.00
8-inch tubs,	4 plants in a tub,	38 to 42 in. high	3.50
8-inch tubs,	4 plants in a tub,	48 to 50 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 54 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	60 to 64 in. high	10.00
12-inch tubs,	4 plants in a tub,	5½ ft. high	12.00
12-inch tubs,	4 plants in a tub,	5½ to 6 ft. high	15.00
15-inch tubs,	4 plants in a tub,	6 to 6½ ft. high	18.00 to 20.00

Specimens, heavy, \$35.00, \$40.00.

Kentia Forsteriana

Single Plants			
4-inch pots,	5 to 6 leaves,	18 to 20 in. high	Each \$0.40
\$4.50 per doz.			
6-inch pots,	6 leaves,	28 to 30 in. high	1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8-inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10-inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
10-inch tubs,	6 to 7 leaves,	5½ to 6 ft. high	10.00

Phoenix Roebelenii

Single Plants			
3-inch pots,	nicely characterized, \$3.50 per doz.		
5-inch pots,	15-in. high,	20-in. spread	\$1.00
6-inch pots,	18 in. high,	24-in. spread	1.75
7-inch pots,	28 in. high,	34-in. spread	2.50
8-inch tubs,	30 in. high,	36-in. spread	3.50
10-inch tubs,	35 in. high,	42-in. spread	\$5.00 to 7.50

Dieffenbachia Magnifica

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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Areca Lutescens

8-inch tubs,	5 plants,	44-46 in. high, each,	\$4.00 to \$4.50
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Dracaena

6-inch pots,	Dracaena Amabilis.....	Each, \$1.25
6-inch pots,	Dracaena Baptistii.....	" 1.25
5½-inch pots,	Dracaena Massangeana.....	" .75
5-inch pots,	Dracaena Imperialis.....	" 1.25

Aspidistra Lurida,	5-inch pots.....	Each, \$1.00
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Livistona Rotundifolia,	4-inch pots.....	Each, .50
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ROSE STOCK

Choice 2½-inch Grafted and 2½-inch Own Root Plants for March Delivery.

	2½-in. Grafted. Per 1000	2½-in. Own Root. Per 1000		2½-in. Grafted. Per 1000	2½-in. Own Root. Per 1000		2½-in. Grafted. Per 1000	2½-in. Own Root. Per 1000
Russell.....	\$120.00	None	Milady.....	\$100.00	\$56.70	Cecile Brunner.....	\$100.00	\$56.70
Killarney.....	100.00	\$56.70	Ophelia.....	100.00	56.70	Elgar (Special Only)...	100.00	56.70
White Killarney.....	100.00	56.70	Richmond.....	100.00	56.70	Francis Scott Key.....	110.00	63.00
Killarney Brilliant.....	100.00	56.70	Hoosier Beauty.....	105.00	.....	Fire Flame.....	100.00	56.70
Ward.....	100.00	56.70	Hadley.....	105.00	.....	Lady Alice Stanley.....	120.00	73.50

Miscellaneous Plants

ARAUCARIA ROBUSTA COMPACTA

3 to 4 tiers.....	Each \$1.50, \$2.00, and \$2.50
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ARAUCARIA EXCELSA

4 to 5 tiers.....	Each 1.50
5 tiers.....	2.00

FERNS

Boston, Roosevelt and Whitmani	Each \$0.25
5-inch pot, Boston and Roosevelt only.....	0.50
6-inch pot.....	2.00 to 2.50
10-inch pot.....	3.00 to 3.50
13-inch pot.....	.....

PANDANUS VEITCHII

4-inch pot.....	Each \$0.35
5-inch pot.....	.50
6-inch pot.....	.75

CROTONS.

In finest varieties, beautifully colored and well furnished with leaves to the pot.	Each \$0.75 to \$1.00
6-inch pot.....	.....

ASPARAGUS PLUMOSUS

3-inch pot.....	6.00 per 100
Made-up in pans and 7-in. pots.....	\$4.00 per doz.

ASPARAGUS SPRENGERII

2½-inch pots, per 100.....	\$2.50
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CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AGLAONEMA PICTUM

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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SHAMROCK PLANTS

For St. Patrick's Day

1-in. and 2-in. plants, \$3.00 per 100; \$25.00 per 1000.	
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ACHYRANTHES

Brilliantissima, 2½ inch pots, per 100.....	\$2.50
Lindenii, 2½-inch pots, per 100.....	2.50

SKIMMIA JAPONICA

Well berried.....	Each, \$1.00, \$1.25, \$1.50
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DISH FERNS

In 2½-inch pots, \$3.50 per 100; \$30.00 per 1000.	
Pteris Albo-lineata, Pteris Serrulata, Christata, Pteris Cretica Ovarrdii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wim-muliceps, Pteris Cretica Cristata, Adiantum Cuneatum.	

BEGONIA CHATELAINE

2½-inch pots, per 100.....	\$ 3.50
3-inch pots, per 100.....	8.00
4-inch pots, per 100.....	15.00

COLEUS

In the following varieties, 2½-inch pots, \$2.50 per 100:	
Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria.	

Big Reduction in Prices

Effective Tuesday, February 15.

American Beauties

	Per doz.
Extra long stem Specials.....	\$6.00
Medium	\$2.00 to \$4.00
Shorter lengths.....	.50 to 1.50

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

	Per 100
Extra long stems	\$12.00
Good length stems.....	10.00
Medium stems.....	8.00
Short stems.....	\$5.00 to 6.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....	50c
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Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$4.00 to 5.00

Carnations

	Per 100
All colors	\$3.00 to \$4.00

Sweet Peas—Zvolanek's orchid flowering

extra long stemmed stock.....	1.50 to 2.00
Jonquils and Tulips.....	2.00 to 4.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

STOCK MORE PLENTIFUL.

Stock of all kinds is more plentiful at this writing with one or two exceptions. American Beauty roses are not any too plentiful and clean up at an early hour each day at good prices. Mrs. Chas. Russell roses in the longer stemmed grades are seen in good supply at several of the stores and are moving well, owing to the splendid quality and the general scarcity of American Beauties. Roses in general are in fair supply and the receipts are steadily increasing. With one or two exceptions there are almost enough roses to go around and some especially fine Killarney, White Killarney, Richmond, Milady, Hoosier Beauty, Ophelia, Mrs. Aaron Ward, Killarney Brilliant, Hadley, Prince de Bulgaria, Rhea Reid and Mrs. George Shawyer are seen. Carnations are in larger supply and are selling at much lower prices. The stock in nearly all instances is of splendid quality and will no doubt be in better demand for St. Valentine's day. Orchids have been in good supply all week and there promises to be a good crop for St. Valentine's day. Gardenias are among the offerings and a limited supply of forget-me-nots is to be had. Sweet peas are arriving in larger quantities and have dropped considerably in price the past week. Freesia is to be had in quantity but is in good demand and cleans up well each day at satisfactory prices. Lilies and callas seem to be more plentiful and this also holds good for violets, pansies and daisies. Bulbous stock of all kinds is seen in larger quantities, especially, tulips, jonquils, Romans, daffodils and Paper White narcissus. Lily of the valley is none too plentiful and still commands good prices. Some fine

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

No. 150 Width

Silk Taffeta Ribbon

In beautiful Moire effect. Silver and steel gray, purple and black. Just the thing for door sprays. (Full 10-yd. bolt.)

\$1.45 per Bolt

Mention the American Florist when writing

snapdragons are offered and are in good demand. Stevia is none too plentiful, but there is a good supply of mignonette available. Business has been very quiet the past week but everything points to a brisk demand for stock for St. Valentine's day and several of the wholesale houses will keep their stores open all day, Sunday,

February 13, so that all late orders can be properly attended to. Many of the retail florists are making grand window displays for this occasion and some are carrying special advertisements in the daily papers. Green goods of all kinds are plentiful. Ferns in some instances have advanced from \$2.50 to \$3.00 per 1,000.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: " 601,

— TRY US ON —

Sunburst-Russell-Milady

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.00
Short stems.....	.75

Killarney.....	Specials	Per 100
White Killarney..		
Killarney Brilliant		
Sunburst.....		
My Maryland.....	Select	\$12.00
Ophelia.....	Medium	10.00
Richmond.....	Short	8.00
Milady		6.00
ROSES, our selection.....		\$5.00

MRS. CHAS. RUSSELL

	Per 100
Specials	\$20.00
Select	15.00
Medium	12.00
Short	\$8.00 () 10.00
Carnations, fancy	4.00
" good	3.00
Harrisii.....per doz., \$1.50 to \$2.00	
Sweet Peas	1.50 to 2.00
Valley	\$4.00 to \$5.00
Violets .....	.75 to 1.00
Smilax.....per doz. strings, \$2.00	
Adiantum	1.00 to 1.50
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2.50
Boxwood	per bunch, 25c
Galax, bronze and green...per 1000, \$1.00	
Leucothoe Sprays .....	.75 to 1.00

2,000,000 Feet of Modern Glass

**Z M
E A
& N
C N
H N**

FOR VALENTINE'S DAY

White and Yellow Freesias, Jonquils,
Violets, Sweet Peas and Orchids.

FINE CROP OF RUSSELL

and all other Roses, Carnations, Lilies, Etc.

YOU CAN GET WHAT YOU NEED HERE.

Our Line is so complete that it includes every
item offered in the Great Chicago Market.

Open all day Sunday, February 13, for your convenience.

30 E. Randolph St., Chicago

L. D. Phones
Central 3283
3284
Automatic, 42-965

NOTES.

Gus Pappas now has Johnson & Cronis as business partners, who have acquired the Economopolis interests in the Alpha Floral Co.'s store on South Wabash avenue, February 1. Mr. Pappas left for Des Moines, Ia., to look after his store there as soon as all the arrangements were completed. Andrew Cronis will manage the place hereafter, which will be remodeled and placed in the best condition possi-

ble, work on which has already started. The Alpha Floral Co. has one of the best corner locations in the city, and Mr. Pappas is fortunate in having Johnson & Cronis as partners, for they are popular with the trade here and have a reputation in the local market of which anyone might well be proud.

Rolf Zetlitz, Lima, O., accompanied by his father, E. M. Zetlitz, spent February 7 in this city. They left the fol-

lowing day for Sioux Falls, S. D., where the latter will visit with his brother for several months. Rolf will return home in about a week to look after his ever-growing wholesale and retail trade, which has shown a wonderful increase the past year.

Mrs. Arthur Schutz, of Hammond, Ind., who recently underwent a serious operation at the Chicago Union Hospital, is improving and will be able to leave for home this week.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$8.00
Pink Killarney.....	Select.....7.00
Killarney Brilliant.....	Fancy.....6.00
Richmond.....	Medium.....5.00
	Good.....4.00

CARNATIONS.

Fancy.....	per 100, \$4.00	Good.....	per 100, \$3.00
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SUNBURST.

	Per 100
Extra Special.....	\$10 00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengerl.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

Louis Wittbold and Fred Wittbold have purchased the Fletcher James and Henry Neve interests in the Wittbold property on Buckingham place, amounting to \$23,000, and have started work on the tearing down of the old greenhouses to make room for a new flat building, 125 x 175 feet, and a new retail store, 50 x 125 feet, both to front on Buckingham place. The large building will consist of 30 two, three and four room flats facing a court, half of which will be ready for occupancy by September 1, 1916. The second building will be rented and eventually sold to the George Wittbold Co., who will use the first floor for their store, offices and workroom. The basement will also be used for a workroom and there will be a garage in the rear. A Garland conservatory 50 x 125 feet will be built on the roof of the store, and when the building is completed the Wittbold Co. will have one of the finest equipped retail establishments in the country, the first mention of which was made in THE AMERICAN FLORIST some time ago. Louis Wittbold says the new building will represent a \$90,000 investment, with a gross income of \$16,000 yearly. The greenhouses that are being torn down will be removed to the Edgebrook range of the George Wittbold Co., which will eliminate the rehandling of a large portion of their stock, for it is the firm's intention to ship direct from Edgebrook hereafter and not from the city store, as was the custom in the past.

Victor Young & Company, 1239 North Clark street, are featuring a large five-foot heart in their window display for Valentine's day. It is made of birch bark with the edges trimmed with red frieze and has several gold arrows piercing it. An artistically arranged cluster of tulips and forget-me-nots placed at just the proper angle to the right adds considerably to the beauty of the design, and is most appropriate for the occasion. Mr. Young is going to make the best use of his beautifully equipped store that he possibly can, and is planning to arrange a series of table decorations which the public will be invited to inspect and which he figures will be a good advertisement, inasmuch as they will bring the people into his store and give him an opportunity to offer suggestions and

SWEET PEAS WANTED

I can handle more Sweet Peas to good advantage and would be pleased to hear from growers who have a surplus of any kind to dispose of. My wholesale store is located on the main floor and is the best location in the Great Chicago Market, and is visited daily by practically all the leading buyers. Sweet Peas are particularly desired, but any other seasonable stock will be acceptable. Do not take the time to write but start shipping immediately. Checks Weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO

show them just what can be done in this line.

George Wienhoeber has an attractive three-color advertisement in the street cars for St. Valentine's day, featuring the red heart shaped box and a bunch of violets, postpaid anywhere for \$1.50. Mr. Wienhoeber also has a very pretty window display for this occasion which he went to considerable expense to arrange, but there is no question but what this kind of advertising pays judging from the many people who stopped to admire it this week.

Peter Sgoros and William Sgoros, proprietors of the Venetian Flower Shop, 15 East Washington street, are going to enlarge their store which will give them a better opportunity to display their flowers and add greatly to the general appearance of the place. They report a satisfactory increase in business since they moved from the basement to their present ground floor location.

Henry M. Hirsch, formerly a member of the firm of Zalinger & Hirsch, 175 West Jackson boulevard, will open his new store at 37 East Van Buren street this week. The entire set of store fixtures, including the refrigerator, were built to order by Buchbinder Bros., 518 Milwaukee avenue, who made the one that was on display at the last big Chicago flower show.

Alex Henderson visited Alois P. Frey's greenhouses at Crown Point, Ind., last week for the purpose of inspecting his novelty freesias, which are of every color of the rainbow. Mr. Frey's stock has attracted much favorable attention at E. C. Amling Co.'s store, where it has been handled exclusively for the past two years.

Felix Reichling says that everything points to a good St. Valentine's day trade at Peter Reinberg's store and that his firm is cutting plenty of stock, principally roses and carnations, to

U S Budlong's
E Blue Ribbon Valley.

ROSES

Sunburst, Killarney, White Killarney and Richmond. Carnations, Violets, White and Yellow Narcissus, Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

fill all the orders that they may book. Mr. Reinberg and his chief lieutenant, Henry Zender, have been nominated as delegates to the democratic convention to be held in St. Louis, Mo.

Ronsley, 106 South Dearborn street, reports business as good with a brisk demand for funeral work. J. Svenson, formerly with the George Wittbold Co., has been with him for the past few months and is well pleased with his down-town job.

A. L. Vaughan & Co. are handling a splendid lot of carnations in addition to a large supply of tulips, lilies, freesias and Paper White narcissi. Stock has cleaned up nicely each day at this establishment and everything points to a brisk St. Valentine's day trade.

George Perdikas opened a new store at the northwest corner of South Wabash avenue and East Van Buren street, Monday, February 7. His main store is located at 407 South Wabash avenue.

Adolph Nielson, superintendent of W. H. Gullett & Sons' greenhouses at Lincoln, renewed old acquaintances here this week.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Large Supply

Violets for St. Valentine's Day

Also ROSES—CARNATIONS—VALLEY—ORCHIDS—ETC.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$6.00
36-inch stems	\$4.00 to 5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50

MRS. CHAS. RUSSELL.

	Per 100
Specials	\$25.00
Select	20.00
Medium	10.00 to 15.00
Short	8.00 to 10.00

ROSES.

	Per 100
Richmond—Milady—Extra long	\$12.00
" Fancy	10.00
" Medium	8.00
" Short	5.00 to 6.00
White Killarney	
Killarney	Special \$12.00
Killarney Brilliant	Fancy 10.00
Ward	Medium 8.00
Sunburst	Short 5.00 to 6.00
Ophelia	
Maryland	
Roses, our selection	5.00

	Per 100
CARNATIONS, select	\$ 3.00
" fancy	4.00

MISCELLANEOUS.

Cattleyas	per doz., \$7.50	
Valley		\$ 4.00 to \$ 5.00
Violets .....		.75 to 1.00
Freestias		3.00 to 4.00
Paper Whites		3.00 to 4.00
Romans		3.00 to 4.00
Stevia		2.00
Tulips		3.00 to 4.00
Lilies	per doz., \$1.50 to \$2.00	
Mignonette		6.00 to 8.00
Callas	per doz., 2.00	
Sweet Peas		1.50 to 2.50
Smilax	per doz., \$1.50 to \$2.00	
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus, per bunch .....		.35c to 50c
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays .....		.75
Mexican Ivy .....		.75

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens FOR ST. VALENTINE'S DAY--ORDER HERE

The co-partnership heretofore existing between George A. Manos and John M. Kronis doing business as the Railroad Station Florists was dissolved by mutual agreement, February 4, Mr. Manos taking over the floral stands situated in the Union Depot and the Illinois Central station at Van Buren street, in this city, and Mr. Kronis, the stands in the Pennsylvania Railroad station in Pittsburgh and the Pennsylvania Railroad station at East Liberty, Pa.

Leonard Vaughan was elected a delegate to the twenty-first annual meeting of the American Bowling Congress at a meeting of the Chicago Bowling Association at the Hotel Planters Sunday, February 6, over 70 men being chosen to act at Toledo. The voters at the meeting contented themselves with nominating an even number of delegates and alternates, and voted them

in under a blanket rule that was unanimous.

Poehlmann Bros. Co. is in good crop with orchids and expects to cut over 3,000 cattleyas for St. Valentine's day. August Poehlmann has recovered from a severe attack of the grip and is up and around again. His son Earl, who is a student at Urbana, was home on a visit this week. This firm has a nice lot of blooming stock for Easter and will be particularly strong in rambler roses and French hydrangeas.

Schiller's loop store, which is in charge of Reinhold Schiller, has been thoroughly overhauled and looks fine and dandy in its coat of paint. This store has a nice Valentine's day display and a large heart, made especially for the occasion, occupies a prominent place in the show.

Miller & Musser have made a number of improvements at their whole-

U S Budlong's E Blue Ribbon Valley.

sale quarters which gives them more floor space to carry on their ever-growing business.

At Hoerber Bros. store stock is arriving in larger quantities and particularly noticeable is a good supply of fancy snapdragons.

Chas. W. McKellar had one of his eastern shipments of orchids so badly frozen in transit this week that it was a total loss.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

The annual meeting and exhibition of the Illinois State Florists' Association will be held in the Turner hall, at Moline, Tuesday and Wednesday, March 7-8. Several of the local firms have decided to make an exhibit, among whom is Bassett & Washburn, who will stage their new carnation, Belle Washburn. C. W. Johnson, Morgan Park, president; J. F. Ammann, Edwardsville, secretary; F. L. Washburn, Bloomington, treasurer, and I. L. Pillsbury, Galesburg; E. W. Guy, Belleville; A. C. Brown, Springfield; Andrew Peterson, Hoopeston; H. W. Buckee, Rockford; John Staack, Moline, and A. C. Kohlbrand, vice-presidents, are leaving nothing undone to make the event a banner one in the history of the society. All varieties are judged according to the national societies' scale of points, and any flower scoring 85 points or better will be given a certificate of merit. All flowers should be shipped in care of John Staack, Turner Hall, Sixth avenue and Fourteenth street, Moline, Ill.

Philip C. Schupp says that the demand for roses continues to be good at J. A. Budlong's store and that while they have been cutting heavily all through the scarcity the receipts have cleaned up quickly each day. This firm received a shipment of miniature orchids from a private estate one day this week that so closely resemble the cattleyas (cats) that the employees call them "kittens."

Wietor Bros. are in good crop with American Beauty roses and are offering a good supply especially in the longer stemmed grades. Carnations are the leader here this week and they are fortunate in having a good supply of red for St. Valentine's day. N. J. Wietor has been a little under the weather for a few days, but is up and around and is on the job as usual every day.

The Gardeners' and Florists' Union, No. 10,615, is going to give their sixth annual dance, Saturday evening, February 19, at Wicker Park hall, 2046 West North avenue, tickets 25 cents a person. All florists and gardeners are invited to attend whether they belong to the union or not and are requested to bring their friends with them.

O. A. and L. A. Tonner will continue business in their present quarters until May 1, when their lease expires, and also in the new store acquired last week. They expect to

occupy the new place the latter part of this or the first of next week, which will give the supply department a chance to display the Easter goods.

Pyfer & Olsem have several new seedling carnations that appear to be very promising and will be disseminated in the near future. As soon as the Nepper greenhouses, which they leased last week, are in their possession, Mr. Olsem will be able to carry on his work on a larger scale.

Otto W. Frese is a busy man this week attending to his duties at Poehlmann Bros. Co.'s store and serving on the jury in the criminal court at the same time. He is equal to the occasion, however, and manages to catch up with his work each night before he leaves for home.

August Poehlmann, treasurer of the Grand Floral Festival, reports that all outstanding accounts with the exception of the premiums have been paid and that these will be taken care of as soon as the small balance of the entire guarantee fund amounting to \$7,500 is turned in.

Allie Zech, of Zech & Mann, visited the A. F. Amling Co.'s greenhouses this week and found the firm ready to plant their Ophelia and White Killarney roses. The new range that the firm is building is well under way and will be quite an addition to their present plant.

Percy Jones is handling a large quantity of bulbous stock, which includes a particularly fine grade of tulips and jonquils. Preparations have been made for a brisk St. Valentine's day trade and the early indications are that they will not be disappointed.

Abraham Iralson, 356 East Forty-third street, found trade rather quiet the past few days, but business during January was very good, he reports, especially as far as funeral work was concerned.

H. G. Turner, Room 1315-5 South Wabash avenue, has a nice store in the Stratford Hotel for rent for several months that can be had until May 1 for \$150 per month.

Max Ringier, with Kennicott Bros. Co., reports a steady demand for freesias which they are handling in quantity and are quite a factor in the market at present.

J. F. Kidwell & Co., 3530 Michigan avenue, are featuring artistically arranged baskets and boxes of all the seasonable cut flowers for St. Valentine's day.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...	\$10.00 to \$15.00
Ophelia	Long...\$10.00-\$12.00
Sunburst	
Killarney	Medium..... 8.00
W. Killarney...	
Kill. Brilliant..	Short..... 6.00

CARNATIONS, De Luxe.....	\$4.00
Select.....	\$2.00 to 3.00

Miscellaneous

Freesias	\$ 3.00 to \$ 4.00 per 100
Lilies.....	10.00 to 12.50 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.75 to	1.25 per 100
Sweet Peas.....	1.50 to 2.00 per 100
Paper Whites...	3.00 to 4.00 per 100
Ferns.....	2.50 per 1000
Asparagus.....bunch,	35c to 50c each
Sprengeri .....bunch,	25c to 35c each
Galax	\$1.00 1000
Mexican Ivy.....	75c per 100
Boxwood.....large bunch,	25c each

Subject to Market Changes.

* Meyer & Dramm have a new red rose that looks as if it will amount to something and will be given a thorough test at their greenhouses at Elmhurst.

H. C. Blewitt, of Des Plaines, grows a good supply of forget-me-nots for the local market which he always finds a good seller for St. Valentine's day.

E. O. Orpet, of Lake Forest, has recovered from an attack of the grippe. He will be 53 years young, Friday, February 11.

The Mt. Greenwood Cemetery Association is shipping a good supply of choice cypripediums to the E. F. Winterson Co.

M. C. Gunterberg added a new grower to her list this week, who is shipping in a good supply of bulbous stock.

Invitations are out for the wedding of Will Wolf, of August Lange's store force, and Miss Schmidt, February 19.

Kyle & Foerster are having a good call for Khlem's novelty tulips which they are handling in quantity.

Buchbinder Bros. are building a new refrigerator and wall cases for M. F. Hayden, Wilmington, Del.

Chicago Novelty Show.

At the next meeting of the Chicago Florists' Club, to be held at the Hotel Morrison, Thursday evening, February 10, there will be an exhibition of novelties which will be staged in the banquet room on the third floor and will be open to the public both afternoon and evening. W. J. Keimel, chairman of the good-of-the-club committee, and his assistants have invited all the leading growers to participate, so everyone is urged to be present and bring their friends with them. E. G. Hill, of Richmond, Ind., has consented to give a talk at this meeting which will be called to order promptly at 8 o'clock.

Chicago Bowling.

Scores of the team representing the trade in the North Chicago League, February 2, were as follows:

Players	1st Game	2d Game	3d Game
Huebner	182	189	155
Lorman	211	176	164
Zech	185	131	186
Price	169	134	167
Olsen	185	158	166
Totals	932	788	838

WHY

send several wires to receive back a reply "impossible to fill," when a wire sent to us will bring you the goods? We have a large supply in spite of the fact that many wholesalers have but little with which to fill their orders.

We are still filling orders in spite of the scarcity. Try us and convince yourself.

HEAVY SUPPLY VALENTINE'S DAY

Red Roses
Violets
Valley

Beauties, Orchids, Roses, Snapdragons, Lilies, Valley, Violets, Sweet Peas, Freesias, Tulips, Mignonette, Narcissi and all other Cut Flowers and Greens.

Heavy cuts of Carnations received daily. Special prices on quantity lots, for prices are again moderate.

You can increase your profits and business by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Columbus, O.

PLENTIFUL SUPPLY LOWERS PRICES.

For the past week stock of nearly all kinds has been plentiful. There has been quite a falling off in funeral work, following the busiest period of any length in that line for several years. The weather has been favorable for growing, particularly in the case of carnations. This has forced down their price from \$1 to as low as 60 cents a dozen. The coming in of early spring plants, such as daffodils, freesias and hyacinths, has affected the cut-flower trade, particularly for sick room purposes. The greatest scarcity is in roses of good quality. Pinks and reds are decidedly off in color. Lilies are also backward in point of supply, but the prospects are fine for new stock in advance of the Easter season. At present writing, prices on all flowers are showing an upward trend, as growers are holding back for the St. Valentine's day trade. More than usual attention is being given this year to St. Valentine windows. New and pretty effects are shown in heart-shaped boxes. Special advertising is being done by some of the shops, but there appears to be a lack of initiative in jointly booming the flower trade for this anniversary, through the newspapers. Florists admit that this plan has been found profitable in the past, but the "they-won't-all-go-in" grievance threatens any large success of the movement this year.

NOTES.

A. W. Livingston and William Springer, of the Livingston Seed Company, are in Louisville, Ky., this week, attending the National Cannery Association meeting.

The Munk Floral Company is preparing to go into summer roses quite

CALIFORNIA VIOLETS

Get your shipment direct from the grower.

ENOMOTO & CO., Inc.

WHOLESALE FLORISTS

35 Saint Anne St., Phone. San Francisco, Calif.

Douglas 4295. NURSERY, REDWOOD CITY, CALIF.

extensively and will devote one large house to them. J.

Cleveland.

GOOD BUSINESS IN SUPPLIES.

Business has been good the past week, both in cut flowers and supplies, principally in violet boxes, crepe papers and ribbons for St. Valentine's day. While the rose crop is still far from what it ought to be, it shows signs of loosening up. Carnations have been more plentiful with a very large percentage of red predominating. Tulips, Paper Whites and daffodils are helping out wonderfully for boxes and funeral designs. Callas are in good supply with a good demand. Sweet peas, violets and swainsonas are good stock. Orchids are of exceptionally good quality, and meet with a fair demand. Lily of the valley is plentiful and a good supply is assured for St. Valentine's day. A few long American Beauties are arriving with good color and size.

Greens have been short of the demand, both adiantum and asparagus. There has been a steady increase in the demand for magnolia leaves in all colors. Stock now is of the very best quality.

NOTES.

Geo. W. Smith, of the Cleveland Florists' Exchange, left February 6 for a short visit to his wife, who is in Colorado Springs, Colo. Last reports are that Mrs. Smith is rapidly improving in health.

B. C. Evans, late of the Jones-Russell Co.'s store force in the Taylor arcade, is now with the J. M. Gasser Co.'s retail force.

C. F. B.

ALBANY, N. Y.—Fire in a hall used by H. G. Eyres for storage of palms and decorative material ruined many of the plants and entailed quite a heavy loss. He will move shortly from 11 Pearl street to a new location on State street.



REED BASKETS

For four, five and six inch pots. Stained in all the desired colors, Green, Brown, etc.

2 DOZEN FOR \$6.00

The same assortment mentioned above in the Two-Tone and Bronze finishes, \$8.50.

ORDER TODAY.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.

Oklahoma City.

The legislature is in session here and quite a few social gatherings are taking place. Most of these call for table decorations of some kind or other, and all of them combined bring quite a little extra trade to the florists' stores. Funeral work also has been rather heavy of late, so taking it all in all, business is fairly good. Great preparations have been made for St. Valentine's day and a big business is looked for at that time.

NOTES.

Furrow & Co. are beginning to cut bulbous flowers in quantity; among other things they are sending in some fine examples of the yellow polyanthus narcissus. Having home grown stock at this time is a decided advantage, seeing that the prices of northern grown flowers continue to be so very high. There must be an unusual dearth of sunshine in the flower growing districts, which is causing the price of cut flowers to remain so high and for so long a period. If that is so, those districts have nothing on us, for there has been less sunshine here this winter than in any other winter for a number of years.

Visitors: Morris Le Vine, representing Lion & Co., New York; W. M. Reid, representing W. W. Barnard Co., Chicago. S. S. B.

Milwaukee, Wis.

MARKET CLEANS UP DAILY.

With the influx of bulbous stock, and the sunny weather of the past week opening up the other crops, market conditions are again back to normal. With average prices prevailing, business continues good and no stock is left when the day is over. The biggest improvement is shown in the cut roses, the quality of which are up to expectations. Violets are fine and more plentiful and same can be said of carnations.

NOTES.

On February 7, by mutual agreement, the East Side Floral Co. dissolved partnership, Martin Christiansen having transferred his rights to his former partner, Henry Koegler. They conducted business at 468 Farwell avenue, at which place Mr. Koegler will continue to serve his patrons. While Mr. Christiansen has no definite

plans on hand, he intends to open a retail store in the future.

The Holton & Hunkel Co. reports many advance orders for St. Valentine's day, especially in the more dainty varieties, such as orchids, lily of the valley, sweet peas, violets, etc. The axle of their large auto van broke, Monday, Feb. 7, causing no small amount of inconvenience.

Wm. R. Schroeder and Nic Zweifel returned home February 3 after visiting several Indiana growers after the carnation convention at St. Louis. Gust Pohl and H. V. Hunkel, who were also at the convention, have returned home.

F. Craneheld, secretary of the Wisconsin State Horticultural Society, of Madison, will meet some of the local florists February 11 relative to Wisconsin state fair matters.

The club meeting, February 3, owing to the extreme cold weather was poorly attended; nothing but routine work was transacted.

Alfred Schiller, at St. Joseph's hospital, is progressing nicely and he has hopes of being allowed to be taken to his home this week.

The C. C. Pollworth Co. is cutting a nice lot of carnations at their Wauwatosa range every day. Business with them is fine.

Walter Holton was removed from the Radium hospital to his home, February 2, and a speedy recovery is looked for.

Gust. Rusch & Co. report business brisk, with an ample supply to meet all orders complete. E. O.

Cincinnati.

BUSINESS FAIR; PRICES NORMAL.

Business is fair. The supply, taken as a whole, is easily equal to present demands and prices are normal. Heavy orders are beginning to come in for flowers for St. Valentine's day. American Beauties are in a good supply, but other roses are not as plentiful as they might be, but, owing to the general large supply in the market in other lines, are not having a stiff call and the receipts are practically sufficient for immediate want. At times many more might sell, were they forthcoming. The carnation cut is large and is fairly good. Easter lilies are plentiful and callas are proving good property. Excellent lily of the valley,

**U S Budlong's
E Blue Ribbon Valley.**

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00

Special price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

violets, sweet peas and orchids may be had. Narcissi, daffodils, jonquills and freesias are in a fair supply. The supply of greens is equal to all present needs.

NOTES.

Mrs. Augusta Hoffmeister and family are the recipients of many expressions of sympathy in their bereavement over the death of her younger brother, February 4.

The Cincinnati Cut Flower Exchange was the recipient of a large lot of supplies and baskets the first of the week.

Julius Baer has been having some effective window displays of sweet peas and of cyclamens.

The February meeting of the florists' society will be held Monday, February 14.

C. E. Critchell has been having a good lot of bulbous stock.

Visitors: B. C. Blake, Springfield, O.; W. Hucklebury, North Vernon, Ind.; Leo Herman, Chicago; Milton Alexander, representing Lion & Co., New York, and J. Landman, representing the Basket Importing Co., New York. H.

WYTHEVILLE, VA. — The Wytheville Floral Co. has completed one house 44 by 50 feet which will be planted to roses and lilies. Two additional houses are about to be erected, each 30 by 75 feet, which will be devoted to carnations, and when finished will give this company a total of 15,000 feet of glass. The houses will be up-to-date in every detail.

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00
Alice—Salmon shade.....	6.00	50.00
Siegward.....	6.00	50.00
Enchantress—Supreme—Light Salmon.....	3.50	30.00
Philadelphina—Rose pink.....	5.00	35.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	5.00	35.00

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET CLEANS UP SATISFACTORILY.

Everybody has been kept going the past week, there being a number of large social affairs and important school commencements, in addition to considerable work for funerals. Although stock in almost all lines is becoming plentiful, the demand cleaned up the various shipments and prevented any accumulation. The weather is now more seasonable, the advent of February bringing in old fashioned winter winds and snow, with the mercury getting down to near the zero point. All the roses are fairly plentiful with the exception of American Beauties, the stock of which is very low. Carnations are very fine and are seen in quantities. Bulbous stock is offered in great variety, daffodils, Golden Spur leading and paper whites are plentiful, as are also tulips. Violets, single and double, are quite equal to the demand. Calla lilies as well as longflorums hold up very well in price, there being no over supply. Cattleyas are still to be had in quantity. Lily of the valley is about equal to the demand—\$5 is the price for the select, which is the highest it has ever sold on the average at this time of the year. Calendulas are good stock, being in demand. Take it all in all, the condition of the market is satisfactory.

NOTES.

At the February meeting of the florists' club one of the interesting features was the statement of H. Barclay as to the number of carnation flowers picked per plant up to February 1. Much better results were obtained from the stock grown over summer on the benches in the houses, than from plants in the field, as shown by the following figures: Akehurst, 64/7; Matchless, seven field grown, while 11 flowers were obtained from bench grown stock; Mrs. Ward, nine from benches and six from boxes brought in November 1; Enchantress, 6¼ and Alice, 6 2/3.

Wm. H. Ferguson was buried February 1. He was 69 years old. He was well known and a popular member of the trade, having carried on a successful retail business for many years at Twelfth and Spring Garden streets. His son, who was a partner, will continue the business.

The "boys" are still talking about the great show of carnations at the club at the February meeting. The election of eleven new members and the proposal of about as many more for action at the next meeting shows the organization to be healthy and growing fast.

The managers of the national show desire the co-operation of the various retailers who have engaged space, and desire them to lay it out to best suit their purpose. The part set aside for this purpose is near the center of the building, which is likely to attract the most visitors.

Joseph Josephs has purchased the business, good will and fixtures of Samuel R. Aitken at 1722 Columbia avenue, where he will continue the business. Mr. Aitken has not as yet perfected plans for the future. He has conducted a retail store here for many years.

Dale & Yost, of Oak Lane, were re-

Wholesale Flower Markets

	BOSTON, Feb. 9.	Per 100
Roses, Beauty.....	50 00	75 00
" Killarney Queen.....	4 00	16 00
" White and Pink Killarney.....	4 00	16 00
" Double White Killarney.....	4 00	16 00
" Killarney Brilliant.....	4 00	20 00
" Hadley.....	6 00	25 00
" Cardinal.....	6 00	25 00
" Mock.....	8 00	35 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	6 00	12 00
" Milady.....	6 00	12 00
" Ward and Hillingdon.....	2 00	6 00
" My Maryland.....	5 00	5 00
Cattleyas.....	35 00	50 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	1 50	2 00
Carnations.....	1 00	2 00
" select.....	2 00	3 00

	BUFFALO, Feb. 9.	Per doz.
Roses, Beauty, special.....	6 00	
" " fancy.....	5 00	
" " extra.....	3 00	
" " No. 1.....	2 00	
" " No. 2.....	5 00	12 00
" Killarney.....	5 00	12 00
" White Killarney.....	5 00	12 00
" My Maryland.....	5 00	12 00
" Killarney Queen.....	6 00	12 00
" Richmond.....	6 00	15 00
" Sunburst.....	6 00	12 00
" Ward.....	4 00	6 00
" Taft.....	5 00	12 00
" Ophelia.....	8 00	15 00
" Francis Scott Key.....	8 00	15 00
" Shawyer.....	6 00	15 00
" Bon Silene.....	3 00	4 00
Lily of the Valley.....	3 00	4 00
Lilies.....	10 00	12 00
Cattleyas.....	40 00	50 00
Carnations.....	2 50	4 00
Snappedragons.....	6 00	10 00
Violets.....	6 00	75 00
Yellow Tulips.....	3 00	4 00
Daffodils.....	3 00	4 00
Freesias.....	2 50	4 00
Asparagus Sprengerii.....	35 00	50 00
Ferns.....	per 1000.	2 50
Smilax.....		15 00

	CINCINNATI, Feb. 9.	Per 100
Roses, Beauty.....	per doz. \$1 50	\$5 00
" Killarney.....	3 00	8 00
" My Maryland.....	3 00	8 00
" Richmond.....	3 00	8 00
" Taft.....	3 00	8 00
Lily of the Valley.....	4 00	5 00
Lilium Giganteum.....	8 00	12 50
Asparagus Plumosus.....	per bch. 25c	
Orchids.....	per doz. 6 00	7 50
Carnations.....	2 00	4 00
Rubrum Lilies.....	3 00	10 00
Double Violets.....	50 00	1 50
Narcissus.....	2 00	3 00
Sweet Peas.....	50 00	1 50
Daffodils.....	2 00	4 00
Jonquils.....	2 00	4 00
Hyacinths.....	4 00	5 00

ported to have had an auction sale of their stock last week. Mr. Dale says this is an error; their business is perfectly satisfactory and they have no thought of discontinuing.

Michael Dunn, of the Philadelphia Cut Flower Exchange, Sixth and Chestnut, has the sympathy of the trade in the death of his wife, which occurred last week.

Spring flowers and gardenias are leaders at the Leo. Niessen Co.'s market this week. Roses, particularly Killarney Brilliant, are a feature.

The birds' nest fern has been a good seller this season; the stock offered has been exceptionally fine and nothing over four inch pots is left.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES. One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Deutscher & Glazer, Wholesale Florists 1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Berger Brothers are pushing flowers
for St. Valentine's day. Orchids, sweet
peas, freesias and violets are leaders.

The Philadelphia Wholesale Flower
Market is handling fancy Mock, Francis
Scott Key and Russell roses.

Edward Reid is especially strong in
fine carnations. High-grade sweet peas
are also handled in quantity.

K.

Newport Horticultural Society.

At a meeting of the Newport Horticultural Society, held January 25, a paper on "Sweet Peas for Exhibition" was read by William Gray, and one on "Gardening for the Amateur" by James Robertson. Both papers brought out interesting discussions from the members and amateurs present. It was one of the most interesting meetings held in some time and to keep up the interest, more papers are forthcoming, one on "Budding and Grafting" being promised by E. Kempenaar, nurseryman, for the next meeting. Papers are also in the course of preparation by some of the assistant gardeners, notice of which will appear later. The schedule of the June show was approved and ordered printed with the addition of a prize by Knight & Struck, the Heatherhome challenge cup for new sweet peas.

Wholesale Flower Markets

PHILADELPHIA, Feb. 9.	Per 100
Roses, Beauty, extra.....	50 00@65 00
first.....	20 00@35 00
Mrs. Chas. Russell.....	8 00@15 00
Killarney.....	3 00@10 00
White Killarney.....	3 00@10 00
Liberty.....	5 00@15 00
Hadley.....	8 00@12 00
Sunburst.....	4 00@12 00
Ophelia.....	5 00@12 00
Hoosier Beauty.....	6 00@20 00
Carnations.....	2 00@ 4 00
Cattleyas.....	35 00@50 00
Callas.....	10 00@12 00
Lilium Harrisii.....	12 00@16 00
Lilacs..... per bunch, \$1.00@1.50	
Sweet Peas.....	1 00@ 2 00
Snagdragons.....	8 00@20 00
Calendulas.....	4 00@ 5 00
Mignonette.....	3 00@ 5 00
Violets, single.....	50¢ 75
Asparagus..... per bunch, 50	

PITTSBURGH, Feb. 9.	Per 100
Roses, Beauty, special.....	40 00
" fancy.....	30 00
" extra.....	20 00
" No. 1.....	12 00
Killarney.....	4 00@12 00
My Maryland.....	4 00@12 00
Sunburst.....	4 00@12 00
Mrs. Aaron Ward.....	4 00@ 8 00
Richmond.....	4 00@15 00
Cattleyas.....	50 00
Lilium Giganteum.....	12 00
Sweet Peas.....	50¢ 1 50
Daffodils.....	3 00
Tulips.....	3 00
Carnations.....	3 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch, 35@40	

MILWAUKEE, Feb. 9.	Per 100
Roses, Killarney and W. Killarney.....	6 00@12 00
Ward, Sunburst.....	6 00@15 00
Mrs. Chas. Russell.....	10 00@40 00
Ophelia.....	6 00@12 00
Hoosier Beauty.....	6 00@15 00
Lilies..... per doz., 1 50	
Daisies.....	50¢ 75
Cattleyas..... per doz., 6 00	
Narcissi.....	3 00@ 4 00
Sweet Peas.....	1 00@ 2 00
Carnations.....	2 00@ 4 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for.....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Feb. 9.	Per 100
Roses, Beauty, long.....	35 00@50 00
medium.....	20 00@25 00
short stems.....	8 00@15 00
Killarney.....	4 00@10 00
White Killarney.....	4 00@10 00
Aaron Ward.....	4 00@10 00
Sunburst.....	5 00@10 00
Ophelia.....	6 00@12 50
Hoosier Beauty.....	8 00@12 50
Valley.....	4 00
Carnations.....	2 00@ 3 00
Orchids.....	25 00@50 00
Callas.....	10 00@12 50
Asparagus Plumosus, per bu, 25@75	
Ferns..... per 1000, 2 50	
Bronze Galax..... per 1000, 1 25	
Mexican Ivy.....	

New York.

MARKET BRACES UP.

Business was very quiet in the wholesale district during the past week up to Saturday, February 5, when the market, to some extent, braced up. The wet and foggy weather that had prevailed for a week terminated on the afternoon of February 2 in a heavy fall of snow, which caused much inconvenience for the next two days, but did not tie up traffic. At this writing there is a rising temperature, with indications of rain. Roses are holding up fairly well in price, though they also suffered in the general slump, and it now appears that the season of high prices has come to an end. American Beauties are not plentiful; we mean good ones. All roses have, to some extent, suffered from the warm and wet weather. With very little clear sunshine for the past week, there is already a surplus of carnations, and it may be taken for granted that they will remain cheap for the rest of the season. The orchids, which for some time have been in the doldrums, so far as prices were concerned, show indications of improvement, but it is hard work to boost them. Violets are also slow and hard to move. Sweet peas continue plentiful but there is a steady demand for them. Lilies, lily of the valley and bulbous stock in general keep moving, but at reduced prices. Good lilacs sell well.

February 7.—The supply of roses is not very heavy, and though prices on tea roses are somewhat lower, there has been no great break. American Beauties continue scarce and special stock continues at the rate of \$75 per 100. There is an increasing supply of narcissi and tulips and the former is much cheaper. Lilac is also more plentiful and cheaper. Orchids, carnations and violets continue cheap, violets being practically a drug. Lilies are holding their own at \$10 and \$12. Lily of the valley is rather slow at \$2 to \$4 according to quality.

NOTES.

We do not now recall whether it was the "city of churches" or the "city of homes" that Brooklyn was called when it was a separate city, but it can qualify as both, and has much of the spirit that the churches are supposed to inculcate that it may illuminate the homes. There is a woman over there named Mollie Fancher, who on February 3 had been a bed-ridden invalid for fifty years, and on that day over one thousand neighbors and friends visited her and filled the house with flowers.

Peter F. McKenney, the retailer of Fifth avenue and 42d street, was very busy during the past week. For a dinner decoration at the Sleepy Hollow country club, Scarborough, N. Y., he used 1,000 Radiance roses and 500 Sunburst, beside many other flowers and plants. The leading feature of the table decoration was three large baskets of roses so arranged as to be the central attraction, other flowers being used as accessories. He has other orders on hand for similar events in the near future.

A. L. Miller of Jamaica, a past president of the New York Florists' Club, and a grower of much fine stock, was in the wholesale district February 4. He is greatly interested in having a good crowd go to Philadelphia on "New York day" of the national flower show and has called a meeting of his committee for February 8, at the Hotel McAlpin, to make further arrangements.

The schedule of classes and premiums for the exhibition of the Horticultural Society of New York to be held in the Museum of Natural His-

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

tory, Central Park West and Seventy-seventh street, February 16, has been issued. Copies of the same may be had upon application to the secretary, Geo. V. Nash, Bronx Park, New York City.

The fine old Dutch steamer Ryndam got into some mysterious trouble on her last trip from this port to the other side, and it is rumored she struck a mine. If some of the bulbs she brought this way last fall had exploded and blown her up it would not have been much of a miracle, for they were "hot stuff."

The Yorkville Rosery, 1275 Lexington avenue, is now finely fitted up and doing business. M. Smith and J. McDonald are the proprietors, and we understand that they are experienced men. As an assistant they have employed Henry Goldfarb, a lively young man, formerly with N. Christatos.

Edward Dupuy, in the rooms of the New York Cut Flower Co., is now handling very fine stock of purple and white lilac, which brings the highest prices. He has also good gardenias, camellias and bulbous stock, all from the range of his father, Louis Dupuy, Whitestone, L. I.

At the store of Drakos & Co., 2953 Broadway, we have recently noticed clever work in window decorating, orchids, acacias and pans of tulips being prominent. This store always presents an attractive appearance, and does a good business.

Klugman & Schnerow, of Flatbush avenue and King's highway, Brooklyn, are now bringing fine bulbous stock to the wholesale district. They have recently put on a very fine auto car for delivery, of which young Mr. Klugman is the chauffeur.

The financial district of this city is not prolific of flower stores, but there are a few. J. P. Gilbanks, formerly with Fleischman, has recently opened a nice store in the arcade between Broadway and Wall street, his number being 50 Broadway.

A. J. Guttman has returned from the carnation convention and exhibition at St. Louis and is well pleased with his trip. Charles Schwake, of lily of the valley fame, who also visited St. Louis, is yet in the west.

Calling recently on G. Laufenburger, 2660 Third avenue, we found him very busy. Though comparatively a young man, he is old in service, having been in that one location for 25 years.

Calling on Charles H. Brown, 2366 Broadway, on February 5, we found him and his staff rushed with business. We doubt if from week to week there is a busier store on Broadway.

John Tryforos, the buyer of the firm of Tryforos Brothers, who have two



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

good stores, one on 125th street, the other on Willis avenue, took a trip to Vermont during the past week.

George L. Rondires, 2164 Eighth avenue, has one of the best retail stores in that part of the city, and being a daily buyer in the wholesale district, keeps good stock.

Leonard Guttman, youngest son of A. J. and Mrs. Guttman, recently graduated from the grammar school and received a gold medal as the "high man" of his class.

Mrs. J. G. Phillips, of Brooklyn, a past president of the Ladies' Society of American Florists, who has been quite ill for some weeks, is now greatly improved.

Peter Cosmos, 2107 Third avenue, was very busy during the past week with weddings and funeral work, and he is keeping up a fine stock.

Miss Mabel Conkling, late bookkeeper for H. E. Froment, who has been ill in a hospital, is rapidly recovering.

A. F. F.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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J. J. COAN, Inc.
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115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Bouvar-
 dias, Sweet Peas, Asparagus Plum-
 osus Nanus, Smilax, Paper White Nar-
 cissus, Tulips and Golden : purs.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
20 Years' Experience.

D. C. ARNOLD & CO., Inc.
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112 W. 28th St., NEW YORK
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 Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Feb. 9.	Per 100
Roses, Beauty, special.....	60 00@75 00
" extra and fancy.....	35 00@40 00
" No. 1 and No. 2.....	15 00@20 00
Prima Donna, special.....	15 00@30 00
Alice Stanley.....	4 00@15 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Shawyer.....	3 00@10 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	8 00@10 00
" special.....	8 00@10 00
" No. 1 and No. 2.....	3 00@ 5 00
" Queen.....	4 00@15 00
" Brilliant.....	3 00@12 00
Aaron Ward.....	4 00@15 00
Richmond.....	3 00@12 00
Sunburst.....	3 00@12 00
Taft.....	4 00@12 00
J. L. Mock.....	3 00@12 00
Hadley.....	7 00@50 00
Ophelia.....	4 00@15 00
Mrs. Chas. Russell.....	4 00@12 00
Hoosier Beauty.....	4 00@15 00
Cattleya Orchids, special.....	25 00
inferior grades.....	10 00@20 00
Oncidiums..... per flower, 3c	
Cypripedium..... per doz., \$1.50@2.00	
Lilies, Longiflorum and Harrisii.....	10 00@12 00
Lily of the Valley.....	2 00@ 4 00
Carnations.....	1 00@ 4 00
Bouvardias.....	2 00@ 4 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings.	1 00@ 1 25
Gardenias..... per doz.,	2 00@ 4 00
Violets, single.....	25@ 50
double.....	15@ 25
Sweet Peas, orchid flowered.....	1 50
common.....	50@ 1 00
Mignonette..... per doz., 50c@\$1.00	
Pansies, cut.....	50@ 1 00
Narcissus, Paper White.....	3 00@ 4 00
Narcissus, Trumpets, spurs.....	1 50@ 2 00
Freesias.....	1 50@ 2 00
Tulips.....	2 00@ 4 00
Flamingo.....	5 00
White Lilac..... per bunch, \$0.75@\$1.25	
Snappdragons..... per doz., 1 25@ 1 50	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.

Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

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WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK





VICK'S KING ASTERS.

Queen of the Market—White, Pink, Rose, Crimson, Scarlet, Lavender, Light Blue, Dark Blue, Mixed. $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c; oz., \$1.00.

Vick's Imperial Asters—Rose, Yellow, Lavender, Blue Bird, Purple. $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; oz., \$2.00.

Salmon, Sunrise, Sunset and Lilac—Per packet, 15c; 2 for 25c.

Vick's Giant Purity— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; oz., \$2.00.

Vick's Giant Daybreak— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20.

Vick's Royal—White, Shell Pink, Lavender Pink, Rose, Lavender and Purple. $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; 1 oz., \$2.00.

Vick's Mikado—White, Shell Pink, Rose, Lavender Pink, Dark Violet. $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; 1 oz., \$2.00.

Vick's Late Branching—White, Shell Pink, (Mary Semple), Lavender Pink, Rose (Lady Roosevelt), Lavender, Rosy Carmine, Claret, Scarlet Gem, Purple, Dark Violet and Mixed. $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 65c; 1 oz., \$1.25.

Peach Blossom and Peerless Pink— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 80c.

Vick's Earliest Snowdrift $\frac{1}{64}$ oz., 20c; $\frac{1}{32}$ oz., 30c; $\frac{1}{16}$ oz., 45c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50; 1 oz., \$4.00.

Vick's Earliest Lavender.....
Vick's Earliest Pink.....

Vick's Lavender Gem— $\frac{1}{32}$ oz., 25c; $\frac{1}{16}$ oz., 40c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; 1 oz., \$3.00.

Vick's Triumph Comet—White, Shell Pink, Lavender Pink, Rose, Lavender and Purple. Price per packet, each, 15c; 2 for 25c.

Vick's Lavender Pink Rochester— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; 1 oz., \$2.00.

Vick's White Rochester— $\frac{1}{32}$ oz., 25c; $\frac{1}{16}$ oz., 40c; $\frac{1}{8}$ oz., 60; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; 1 oz., \$3.00.

Vick's Lavender and Purple Rochester—Packets only, each, 20c; 2 for 35c.

Vick's Perfection—Rose (new) Packet 25c; 2 for 40c. White Blush, Shell Pink (new), Lavender (new), Crimson (new), Purple (new), each per packet, 20c; 2 for 35c.

VICK'S FAMOUS ASTERS

A WORD ABOUT OUR SEED FARMS

The picture of Asters above was taken on our Orchard Farm. Only a few years ago our entire crop of Asters was grown on this farm. The demand has grown to such an extent that we shall cultivate, next summer, 250 acres, 125 of which consists of Asters. Even in our efforts to keep up with the demand, we are working still harder to get larger and better varieties. During the summer and autumn months, particularly during August and September, thousands of people visit our farms for the purpose of seeing the vast expanse of flowers, of which we grow many other kinds besides Asters. Last year our field of Phlox Drummondii attracted much attention. In fact, we grow more or less of a large number of varieties all the way from Sweet Alyssum down the alphabetical list to Zinnias. At the time when the flowers were at the height of bloom, about the middle of September, a careful estimate one Sunday placed the number of visitors at more than seven thousand, and 1300 automobiles. Florists and others are always welcome to visit our farms and to study the various varieties needed in their trade.

Vick's Pink Enchantress—Packets only, each, 15c; 2 for 25c.

Vick's King Asters—Rose— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 80c; 1 oz., \$1.50.

Lavender King, White King—In packets only, each 20c; 2 for 35c.

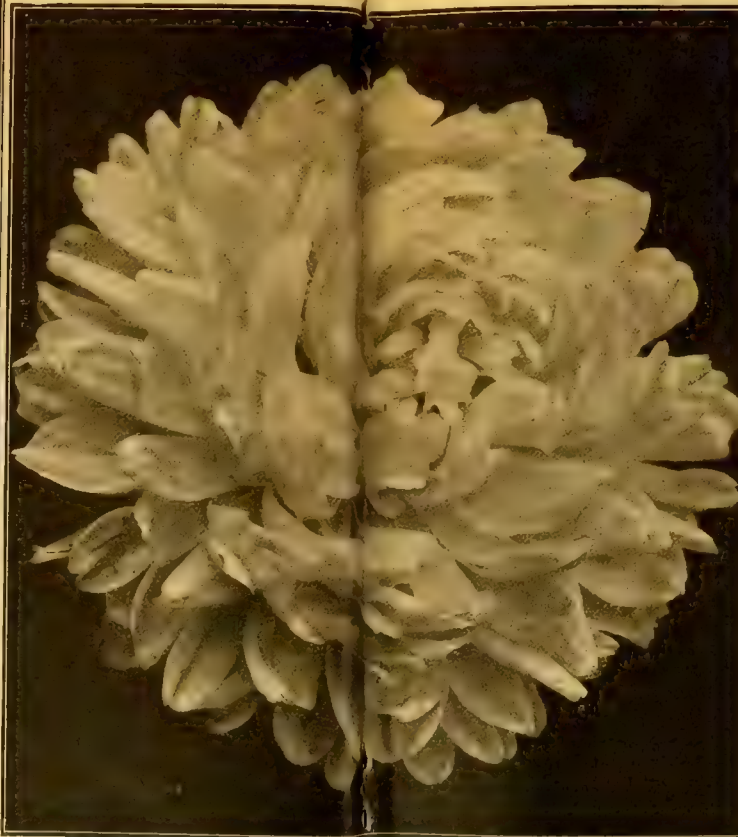
Shell Pink King, Crimson King—Packets only, each 25c; 2 for 40c.

Improved Crego—White, Shell Pink, Lavender, Rose, Crimson and Purple— $\frac{1}{16}$ oz., 20c;

$\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 80c; 1 oz., \$1.50.

Vick's Late Upright—White, Rose, Lavender, Pink, Crimson, Purple, Amethyst and Peach Blossom— $\frac{1}{16}$ oz., 20c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.20; 1 oz., \$2.00.

Vick's Autumn Glory—Packets only, each 20c; 2 for 35c.



VICK'S ROYAL ASTERS.

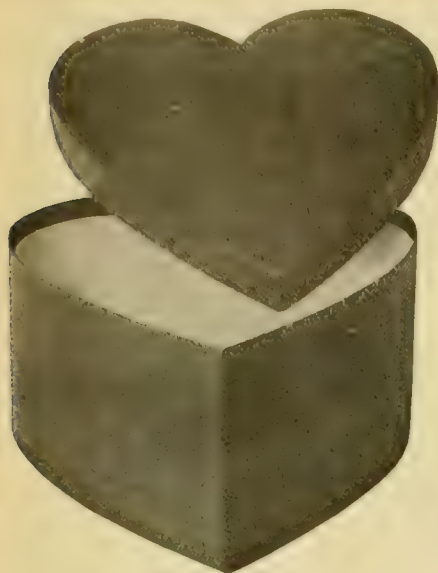
Vick's Aster Book for Florists is the most complete book of its kind published—Fully illustrated with half-tones of Asters of the different kinds for Florists' use—If your copy has not arrived send for it at once—Asters are becoming more popular with the Florists every year—VICK'S ASTERS.



VICK'S ROCHESTER LAVENDER ASTER.

James Vick's Sons, Rochester, N. Y.

Largest Growers of High-Grade Asters in the World.



Our Valentine Offer RED HEART BOXES

FOR Valentine Corsage Bouquets, made in 2 sizes, nested. Packed 12 or 24 nests in a corrugated container. A carton supplied for each size, saving you the trouble and expense of extra wrapping.

Price, 30c per nest.

Also made with a white glazed top printed in two colors, Red and Gold with our Red Heart and Gold Arrow design at 35c per nest.

As our supply is limited it would be well to place orders early to insure delivery.

A. A. ARNOLD PAPER BOX CO.
1302-8 West Division St., CHICAGO

Mention the American Florist when writing

Pittsburgh.

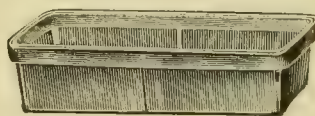
PRICES HOLD UP WELL.

After two weeks of the mildest kind of spring weather which made a decided change in the local flower market, we are now experiencing real cold winter again. The supply of flowers continues to be good and prices are holding out very well in everything with the possible exception of some lines of bulbous stock. Roses are still on the short end, however, but carnations are plentiful and of excellent quality. Sweet peas are in good supply and moving well. Some surpassing types of Spencers are being handled by the wholesalers. It may be possible that the recent warm spell will bring on the Easter crops too soon, and some of the growers were kept guessing as to what the outlook would be, but with a continuation of cold weather, there will remain little to worry about.

CLUB MEETINGS.

The monthly meeting of the Pittsburgh Florists' and Gardeners' Club was held Tuesday, February 1, at the Fort Pitt hotel. The occasion being election night with an illustrated lecture, brought out a large attendance. The following officers were elected to serve for 1915: Carl Becherer, president; E. C. Reineman, vice-president; H. P. Joslin, secretary; T. P. Langhans, treasurer; W. A. Clarke, assistant treasurer. The executive committee will serve as follows: P. S. Randolph, C. H. Sample, and A. Frishkorn. Thos. Sturgiss of Sewickley Heights was elected to membership. Some excellent exhibits of cyclamens were exhibited by Messrs. Murphy, Curren and Moore, all of whom described their methods of growing such specimen plants. Mr. Rapp showed a novel *Primula obconica* along with a few cyclamens. All the exhibitors were awarded cultural certificates. Then followed an intensely interesting lecture with lantern slides by Fred Bigger of the arts commission of Pittsburgh, entitled "The City Beautiful," comparing our own parks and avenues to those of many other neighboring cities, which made all concerned feel somewhat ashamed of their own home city. A few slides showing the future Pittsburgh as "The City Beautiful," visions of which some day may be a realization brought the meeting to a close. Don't forget the next meeting, Tuesday, March 7.

PANSY AND VERBENA BASKETS



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate. Per 1000.....\$9.00

Large size, measure 13 inches long, 7½ inches wide, 3½ inches deep, put up 250 in a crate. Per 1000.....15.00

Detachable wire handles for either of the above. Per 1000.....2.00

Transplanting Boxes, 3½ inches square. Per 1000.....2.50

Transplanting Boxes, 4½ inches square. Per 1000.....2.75

Orders entered now either for immediate or future shipment. Have other sizes. Send for descriptive circular.

COLES & COMPANY, 115 Warren St., NEW YORK, N. Y.
ESTABLISHED 1884. INCORPORATED 1911.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1.75 per bag
Perpetuated Moss.....3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA

Mention the American Florist when writing

NOTES.

Kauffmann's have enlarged their floral department by extending it along the Diamond street side 40 feet with a large frontage on Smithfield street, presenting a very handsome appearance to the passerby. A feature of this department will be a special dollar box each Saturday.

The funeral of J. B. Booth, of Sewickley called for many large orders from Sewickley and East End florists February 1.

Henry Wiggins has the sympathy of the trade in the death of his father, February 1, caused from cancer of the stomach.

De Forest Ludwig is confined to his home with an attack of pneumonia.

G. M.

ROCHESTER, MINN. — The Rochester Floral Co., Ross Bragg, manager, will reopen their downtown flower shop in the Parkin building. Their location recently damaged by fire will be discontinued.

SCRANTON, PA.—Miss Arline Besancon has opened an attractive flower store in the Scranton Life building.

Retail Florists



Now is the time to prepare your advertising for February, March and April, covering

**St. Valentine Day
Easter**

**Mother's Day
Spring Planting**

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Mention the American Florist when writing

New York Bowling.

The scores of the New York Florists' Bowling Club, rolled February 3, were as follows:

W. P. Ford.....	159	148
Scott.....	161	155
Fenrich.....	171	159
Jacobson.....	141	152
Riedel.....	152	162
Miesem.....	176	188
Alex. Donaldson.....	186	154
Rovatzos.....	145	163

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

C. Frauenfelder
FLORIST

3343 W. MADISON ST.

NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: NEW YORK
We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

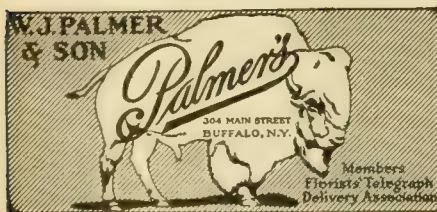
For Wisconsin Delivery

—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Ell, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10, W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Rohn, C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocehl, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Smith & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trenel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Witthold, G., Co., 737 Rockingham Pl., Chicago.
Wolfkill Bros., M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON

D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park
Floral Co.

J. A. VALENTINE,
President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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DESIGNS OR CUT FLOWERS.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

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1800 Chestnut Street, PHILADELPHIA, PA.

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Largest Floral Establishment in America.

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Blackistone

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Brooklyn, N. Y.

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334 Lewis Ave., Telephone No. 1310 Bedford

Six Up-to-date stores in the City of Brooklyn—We give personal attention to your orders and guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

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Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch 1808

426 Madison Ave.

And 49th St., NEW YORK

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Feters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Philips Bros.
Newark, O.—Chas. A. Dugger.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Seattle, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

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2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

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Mail or telegraphic orders promptly and most carefully executed.

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Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street

799 Boylston Street

Deliveries to Steamers and all Eastern Points

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

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Send your orders for Chicago and Suburbs to



Schiller The Florist
221-2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

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(Successor to Geo. A. Heint)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

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THINK OF HEINL'S

St. Louis, Mo.

Grimm & Gorly

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n

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Angel
The Palmer House Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Sedalia, Missouri
Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Telephone 1813 Main

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BROOKLYN
Cut Flower Market, Inc.

Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store
631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

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Rockford, Ill.

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Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
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DREER KENTIAS

GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 10 in. high	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4 1/2 to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5 1/2 to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6 1/2 to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

	Height.	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 12 in.		\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5 leaves, 12 to 15 in.		2.00	15.00	140.00
4 in. pots, 5 to 6 leaves, 15 to 18 in.		4.50	35.00	Each
5 in. pots, 6 leaves, 22 to 24 in.				\$0.75
6 in. pots, 6 leaves, 28 to 30 in.				1.00
6 in. pots, 6 leaves, 34 to 36 in.				1.50
7 in. pots, 6 to 7 leaves, 38 to 40 in.				2.00
7 in. tubs, 6 to 7 leaves, 40 to 42 in.				3.00
8 in. tubs, 6 to 7 leaves, 45 to 48 in.				4.00
8 in. tubs, 6 to 7 leaves, 4 ft.				5.00
10 in. tubs, 6 to 7 leaves, 4 1/2 to 5 ft.				6.00
11 in. tubs, 6 to 7 leaves, 5 to 5 1/2 ft.				8.00
10 in. tubs, 6 to 7 leaves, 5 1/2 to 6 ft.				10.00
12 in. tubs, 6 to 7 leaves, 6 1/2 to 7 ft.				15.00
14 in. tubs, 6 to 7 leaves, 7 ft.				20.00

The above prices are intended for the trade only

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.



MADE-UP KENTIA

PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations. We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread			\$1.00
6 in. pots, 1 1/2 ft. high, 2 ft. spread			2.00
7 in. tubs, 1 1/2 to 2 ft. high, 2 ft. spread			2.50
8 in. tubs, 2 ft. high, 2 1/2 ft. spread			3.00
10 in. tubs, 2 to 2 1/2 ft. high, 2 1/2 ft. spread			5.00
10 in. tubs, 2 1/2 ft. high, 3 ft. spread			7.50

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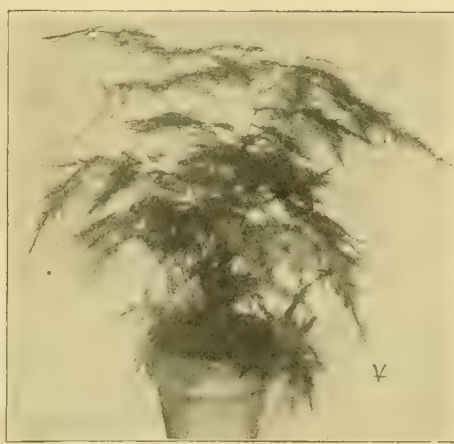
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BURNLEY, ENGLAND



Asparagus Plumosus Nanus

Note Reduced Price.

Plump and of high germinating
quality, Northern Greenhouse
grown, the same high class strain
as supplied by us for the last 15
years.

Per 100 seeds, 50c; 250 seeds,
\$1.00; 1000 seeds, \$3.00; 5000
to 10,000 seeds at \$3.00 per 1000.

All other seasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED Chicago: Carl Chesmore, of Chesmore-Eastlake Mer. Co., St. Joseph, Mo.

THE below-zero weather has not helped the mail-order seed trade in the middle west.

DENISON, IA.—The Denison Seed Co. has opened its new establishment, especially adapted to the business.

CHICAGO.—Prices for grass seed on the Board of Trade, February 9, were as follows: Timothy, \$6 to \$8 per 100 pounds.

SPRINGFIELD, KY.—B. D. Lake & Co. have discontinued business. All outstanding accounts are being handled by Polin & Polin.

KANSAS CITY, MO.—W. W. Harnden, president of the Harnden Seed Co., is spoken of as a mayoralty candidate at the coming primaries.

LEXINGTON, MASS.—The Breck-Robinson Co., located here, has taken over the gladiolus business of Chamberlain & Co., of Wellesley, Mass., with their stock, equipment, etc.

LOS ANGELES, CALIF.—John C. Bodger, of John Bodger & Sons Co., writing February 1, says: "We are still having heavy rains and if they continue much longer serious loss will result."

THE Sunday magazine section of the Philadelphia Record, the Spring Planting Number, issued January 30, features Burpee's new Sweet Pea Fiery Cross in colors on the front cover, a fine piece of publicity work for the well known sweet pea specialists.

ONE Holland bulb grower writes as follows, January 8.—"We expect the price of single, early and Darwin tulips will be higher. Narcissus about the same, with the exception probably of double Von Sion; stocks seem to be smaller. Hyacinths will be low again, although not as cheap as during August 1915."

GILROY, CALIF.—L. W. Wheeler, of the Pieters-Wheeler Seed Co., writing January 31, says: "The storms have been more serious in southern California than up here and I have not learned of any serious damage to seed growers. The worst feature is the delay in planting late crops such as lettuce."

NEW YORK.—John R. Walsh, the active member of the Anglin & Walsh Co., Inc., has just returned from an extended trip and has brought in a large number of orders. This firm is located at 335 Broadway and is handling plants, seeds and bulbs. Mr. Walsh was, for about eight years, employed in Vaughan's Seed Store, New York, and is a clever and amiable man.

Canners Convene at Louisville.

Louisville, Ky.—At the annual convention and exhibition of the National Canners' Association, in progress this week at the Seelbach hotel, seedsmen were represented by the following: W. B. Lucas, C. Maynard, E. M. Parmelee, and D. D. Rowland, representing the John H. Allan Seed Co., Sheboygan, Wis.; A. Ringier, representing the W. W. Barnard Co., Chicago; R. J. Bowen, representing J. Bolgiano & Son, Baltimore, Md.; Arthur Clark and Alex. Mathers, representing the Everett B. Clark Seed Co., Milford, Conn.; C. B. Coe and Theo. Cobb, representing D. M. Ferry & Co., Detroit, Mich.; J. F. Garfat, representing Hogg & Lytle, Toronto, Ont.; C. N. Keeney and F. T. Woodruff, representing N. B. Keeney & Son, LeRoy, N. Y.; Burnet Landreth and J. Hicks, representing D. Landreth Seed Co., Bristol, Pa.; S. F. Leonard, J. C. Leonard, W. A. Sutherland and A. J. Coleman, representing the Leonard Seed Co., Chicago; Wm. Sprenger and O. W. Livingston, representing the Livingston Seed Co., Columbus, O.; Chas. P. Guelf and W. C. Langbridge, representing Jerome B. Rice Seed Co., Cambridge, N. Y.; A. L. Rogers, G. Willett Warren and Hector Adams, representing Rogers Bros., Alpena, Mich.; Robt. Newcomb, representing Vaughan's Seed Store, Chicago and New York; F. H. Woodruff, representing F. H. Woodruff & Sons, Milford, Conn.; Watson Woodruff, representing S. D. Woodruff & Sons, Orange, Conn.

Griswold Seed Co. Sale.

Property of the Griswold Seed Company, Lincoln, Neb., bankrupt, valued by appraisers at \$114,000, was sold January 29, by Referee Peterson for \$23,900. All of the property owned by the company was included in the sale with the exception of a small cottage and two lots it stands on in College View, valued at \$1,000.

Frank P. Quick secured the entire seed department, including the retail stock and fixtures, the wholesale stock and office fixtures, the good will and book accounts and the equity in the wholesale storage warehouse and the machinery therein for \$7,500. The personal property embraced in this part of the sale was valued at \$26,000, while the equity in the warehouse was fixed at \$12,000 and the value of the machinery, \$7,000. For \$13,500 the greenhouse on Fifteenth street, real and personal property therein and the O street store, went to Joseph K. Hiltner.

H. J. Johns of Sioux City, Ia., purchased the Normal greenhouse and

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

some elm trees for \$2,900. The bidding was by no means spirited, although half a hundred seedmen, florists, lawyers and business men spent two hours in the chilly offices of the company at Eighth and N streets while Referee Peterson was endeavoring to induce the bidders to loosen up. Mr. Peterson offered the floral department and the seed departments separately. The floral department was made up of three items, but the Fifteenth street greenhouse was the only one that at first came up to the referee's expectations. Mr. Hiltner's bid was allowed to stand for a while, but it was eventually accepted. There is a mortgage of \$6,500 on the property, but for the price he paid Mr. Hiltner gets it free of incumbrance. This property was appraised at \$20,000.

All sorts of expedients were adopted in order to get some bid worth while for the seed department. This was made up of four items, which were offered together, then separately, then together, then in combination. An out-of-town seedsmen was the only opponent of Mr. Quick, and the bidding ran up from \$4,000. The equity in the building was bid in by Mr. Quick at \$500. The appraisers fixed the value at \$55,000 and that of the machinery in it at \$7,000. The Field Trust company of Lincoln, allied with First National bank interests, holds a mortgage for \$40,000 on the property and also on the Normal greenhouse, but agreed to release the lien on the latter if \$2,000 cash were paid. This was valued at \$5,500, and was secured by Mr. Johns for \$2,900.

The total amount of the unsecured claims against the company is in the neighborhood of \$85,000, while the secured claims total around \$45,000. The company was built up by W. B. Griswold, who owns practically all of the stock in the corporation, and who is wiped out by these proceedings. It is expected that he will be placed in charge by Mr. Quick. Some unfortunate deals in an uncertain seed market, combined with the fact that he did not have sufficient capital to take care of a rapidly expanding business, led to his difficulties.

The largest unsecured claim is that of W. H. Small & Co., of Evansville,

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Mention the American Florist when writing

Ind., with \$16,760. Other unsecured claims in excess of \$1,000 are:

Loewth-Larsen Co., New York	\$10,515.72
John Meter, Lansing, Ill.	2,992.32
Stecher Lith. Co.	1,384.50
A. H. Bemis, Seward	2,491.44
Claffin Pr'tg. Co.	1,549.25
E. B. Clark, Milford, Conn.	1,056.80
S. G. Courteen, Milwaukee	1,500.00
M. T. Cummings	1,041.56
A. T. Ferrel & Co.	1,314.00
H. B. Grainger	3,300.00
E. P. Griswold	1,717.35
P. Hollenback	6,650.27

Taxes against the property aggregate \$5,875.46, and these with some other claims for wages having priority the dividend will be quite small.

Imports at New York.

During the week ending January 21 the value of seeds entering the port of this city, as compiled by the collector of customs, was as follows: Red clover seed, \$80,290; other clover seed, \$4,726; all other grass seed, \$17,818; all other seeds, \$29,897; bulbs, plants, etc., \$16,122.

During the week ending January 28, horticultural and agricultural goods were entered at this port for home consumption as follows:

Red clover seed, \$185,192; other grass seeds, \$8,433; all other seeds, \$39,797; potatoes, \$22,268; bulbs, etc., \$249; plants, \$13,636.

During the week ending January 29 imports were received as follows:

Vaughan's Seed Store, 8 sacks seed (Marseilles, France), 2 sacks seed (Liverpool, Eng.).

J. M. Thorburn & Co., 21 packages seed (London, Eng.).

Wm. Elliott & Sons, 4 packages seed (London, Eng.).

H. F. Darrow Co., 280 bags seed (Havre, France).

Knight & Struck Co., 1 case bulbs (Liverpool, Eng.).

To order and others, 2,300 bbls. seed, 232 cases, 56 packages plants (Havre, France).

During the week ending February 5, imports were received as follows from Rotterdam, Holland.

McHutchison & Co., 29 cases trees, etc.

Vaughan's Seed Store, 3 cases bulbs.

J. M. Thorburn & Co., 16 cases bulbs.

Julius Roebs Co., 3 cases trees, etc.

To order and others, 382 cases trees, shrubs and roots, 201 bags, 14 bbls., 7 packages seeds, 21 cases bulbs.

From London, Eng.:

Knight & Struck Co., 11 bags fertilizer.

Tucker, Mosby Seed Co., 14 bags seed.

Tucker, Mosby Seed Co., 11 bags seed.

Julius Roebs Co., 1 parcel bulbs.

Chase Bros. Co., 24 cases trees.

Elm City Nursery Co., 1 case manetti stocks.

To order and others, 139 bags, 262 packages seeds, 5 cases rose trees, 14 cases other plants.

From Copenhagen, Denmark:

Loechner & Co., 211 bags seeds, 16 cases plants.

Peter Henderson & Co., 4 cases seeds.

To order and others, 355 cases lily of valley pips, 436 bags, and 288 packages seeds, 2 cases plants.

To order, 2 cases plants, Liverpool, Eng.; 300 bags seed, Genoa, Italy.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue	\$0.05	\$0.30	Lobelia Speciosa	\$0.10	\$0.50
Alyssum Little Gem	.10	.60	Lobelia Crystal P. Comp.	.15	1.40
Aster Queen of Market	.10	.50	Pyrethrum Aureum	.05	.25
Begonia Erfordii	.25		Shamrock, Irish	.10	
Cobaea Scandens, purple	.10	.40	Smilax	.10	.25
Dracaena Indivisa	.10	.25	Snapdragon, Giant	.10	.35
Forget-Me-Not Dissitiflora	.25		Stock, Cut and Come Again	.25	
Mignonette Machet	.10	.50	Stock, Ten Weeks', mixed	.25	
Petunia, Calif. Giants	.25		Thunbergia	.10	.40
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00
Salvia Fireball	.30		Vinca, mixed colors	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, - - NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Have just received a small surplus of

Japan Grown Freesias and
L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

Branches Michigan, WISCONSIN and IDAHO MILFORD, CONN.



H. WREDE
LUNEBURG, GERMANY
PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.
1000 seeds, finest mixed, .25c
1 oz. \$2.25

Price list on application.

Cash with order

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDESBO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BODDINGTON'S CANNAS

	Case of 100	Case of 250	Case of 1000		Case of 100	Case of 250	Case of 1000
King Humbert, -	\$2.00	\$4.38	\$17.50	Richard Wallace, -	\$1.50	\$3.50	\$14.00
5 ft. Orange Scarlet. Bronze-leaved.				4½ ft. Canary yellow.			
Bouvier, - - -	\$1.65	3.75	15.00	Florence Vaughan, -	1.65	3.75	15.00
5 ft. Dark crimson.				5 ft. Yellow, spotted crimson.			
Chas. Henderson,	1.65	3.75	15.00	General Merkel, -	1.65	3.75	15.00
4 ft. Bright crimson.				5 ft. The best scarlet yellow edged variety.			

Strong, fresh, dormant roots, 2 and 3 eyes each, true to name.

PERISHABLE GOODS SHIPPED BY FREIGHT AT BUYER'S RISK.

For complete list of Cannas, also Caladiums, Begonias, Gladiolus and other Spring Bulbs, send for new Wholesale Catalogue, now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

Note Change of Address: 128 CHAMBERS STREET, NEW YORK

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS
3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

SIMON LOUIS FRERES & CO.

WHOLESALE SEED GROWERS

Bruyeres-le-Chatel. (Seine et Oise) FRANCE

We are growers of and can offer for immediate delivery as far as unsold, all varieties of

GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of

BLUE GRASS, TIMOTHY, MEADOW FESCUE, RED TOP, ETC. Correspondence in English

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....\$ 9.00
Augusta, white.....11.50
Francis King, scarlet.....9.50
Panama, pink.....35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Always mention The American Florist
when writing. : : :

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

100,000 GERANIUMS READY NOW

Thousands more coming on every day, from 2 and 2½-in. pots, of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, etc. \$2.25 per 100; \$20.00 per 1000. Fully as good as last year's. Try them
Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

ACACIA SEED

I have a surplus of A. Baileyana, A. Floribunda, A. Longifolia and A. Latifolia, all 1915 stock. As long as it lasts it will go at \$1.00 per lb. I have other varieties at regular prices. Above price is F. O. B. Los Angeles. Make check payable to

GEORGE H. HOPKINS, Eagle Rock Sta.,
Los Angeles, Calif.

Mention the American Florist when writing

Spring Bulbs

A Most Complete General Line

at both Chicago and New York

For Seedsmen For Florists

Vaughan's Seed Store

CHICAGO
NEW YORK

GLADIOLUS

Grown in the U. S. by Vaughan's Seed Store

	Per 100	Per 1000
America, 1st size.....	\$1.25	\$10.00
Augusta, 1st size.....	1.25	10.00
Chicago White, 1st size.....	3.00	25.00
Mrs. Francis King, 1st size.....	1.25	10.00
Halley, 1st size.....	2.00	18.00
Princeps, 1st size.....	2.50	22.00
Mrs. Frank Pendleton, 1st size.....	9.00	85.00
Niagara, 1st size.....	4.50	40.00
Panama, 1st size.....	4.00	35.00
Primulinus Sunbeam, 1st size.....	18.00	
Baron J. Hulot (Dutch Grown).....	2.50	20.00
Chicago Salmon, 1st size.....	4.50	40.00
Velvet King, 1st size.....	3.00	25.00
Hyde Park, 1st size.....	5.00	45.00
Vaughan's XXX Florist Mixture 1st size.....	1.75	15.00
Extra Fine Mixed, 1st size.....	2.00	18.00
Good Mixed, 1st size.....	1.00	8.50

And all Other Leaders

CANNAS--Dormant Roots

Subject to Change March 1.

	Per 100	Per 1000
Allemania.....	\$25.00	
Burbank.....	25.00	
Buttercup.....	40.00	
David Harum.....	22.50	
Egandale.....	22.50	
Florence Vaughan.....	20.00	
Hungaria.....	35.00	
KING HUMBERT.....	30.00	
Louisiana.....	22.00	
Mad. Crozy.....	22.50	
Mrs. A. F. Conard.....	35.00	
Queen Charlotte.....	25.00	
Souv. d Antoine Crozy.....	25.00	
Wm. Saunders.....	50.00	
Venus.....	30.00	
FIREBIRD, best scarlet, green leaved, grand companion to King Humbert, .....per 100, \$20.00; 180.00		

CALADIUM Esculentum

	Per 100	Per 1000
5- 7 inches.....	\$ 1.75	\$ 15.00
7- 9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flowering strains. Quality inspected by our Mr. J. C. Vaughan in Belgium.

	Doz.	100	1000
Single sorts, white, scarlet, yellow, pink, orange, salmon.....	50c	\$3.00	\$25.00
Single Mixed.....	40c	2.60	23.00
Double sorts, white, scarlet, yellow, pink, orange, salmon.....	60c	4.00	\$5.00
Double Mixed.....	50c	3.50	30.00

TUBEROSES

True Dwarf Pearl

Carload lots of bulbs are in warehouse, frost free, and ready for shipping. Per 1000
First size, 4-6 inches.....\$9.00
Medium size, 3-4 inches.....5.00

GLOXINIAS

Grassifolia Grandiflora

	Per 100	Per 1000
All the spotted and Tigered variations in sound bulbs.....		
Separate colors.....	\$4.00	\$35.00
Mixed colors.....	3.60	32.00

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Tabula, O.,
Treasurer.

Next annual conven. will
be held in September, 1916.

A survey of the seed potato situation in Michigan as a measure towards relieving the threatened shortage of potatoes for planting next spring, is planned by C. W. Waide of the Michigan Agricultural College, extension specialist in tubers.

IRVINGTON, N. J.—Frank W. Van Emburgh has filed a suit for \$3,000 against the town authorities for damages resulting in crops of strawberries, rhubarb and asparagus by removal of his greenhouses to make way for municipal improvements.

Prices of Indoor Fruits and Vegetables.

Chicago, February 8.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 25 to 30 cents; radishes, 45 cents to 50 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.00 to \$2.75; cucumbers, dozen, \$1.00 to \$1.50.

New York, February 8.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.50 per drum; mushrooms, \$1.40 to \$1.75 per 4-pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 15 cents to 60 cents.

Italy's Trade in Mushrooms.

In 1914, according to government statistics, Italy exported \$327,000 worth of mushrooms, the quantity shipped being about 251 long tons, as compared with 296 tons in 1910, 432 tons in 1911, 468 tons in 1912, and 359 tons in 1913. The United States took 39 tons; Argentina, 168 tons; Uruguay, 16 tons; while the remainder went principally to other South American countries. Mushrooms are not cultivated in this consular district, nor, as far as can be learned, in any other part of Italy. The greater part of the supply in this district comes from the mountainous regions of Pistoia and the Casentino, where they grow wild in considerable quantities. They are brought by the peasants into the large towns, where they are sold at retail at \$0.26 to \$0.60 a pound. Those gathered in Piedmont and Liguria are said to be of better quality than the Tuscan, selling at \$0.70 to \$1.35 a pound. It is said that they are dried and shipped abroad in sacks and bags. The export of mushrooms from the Florence district is small. Those shipped are packed in cans.

Crop Improvement.

In place of the lengthy report of the committee on crop improvement, presented at the recent annual meeting of the American Seed Trade Association, we give the following abstract dictated by the chairman of the committee:

"The investigations of the committee on crop improvement developed

two distinct phases. The first was along the lines of the original intent of the appointment of the committee, namely, the recommendation that individual members so far as possible co-operate to the fullest extent in encouraging work in their respective states or sections with the various agricultural and educational agencies, such as the farm demonstration work fathered by the United States Department of Agriculture and its collateral branches, such as the boys' corn clubs, girls' canning clubs, etc., together with similar efforts being made by state agricultural colleges and experiment stations, etc.

"The second phase resulted from inquiries made of the officers of the state experiment stations and members of the faculty of agricultural colleges, this phase touching on the question of so-called pure seed legislation which has been considered by this association in various forms for several years. This investigation entailed correspondence with experiment stations and agricultural colleges in every state in the union and the work was divided between the chairman of the committee, Mr. Hastings and Mr. Wheeler, of Mitchell, S. D., a former experiment station worker. The result of these investigations led us to recommend to the association the appointment of a committee to confer with a similar committee from the association of experiment station work so that each side can lay before us its problems and opinions, with the end in view that each side may be able to the fullest possible extent to realize and understand the view point of the other, and reconcile those differences to the greatest extent possible to the end that said legislation to be advocated in the future shall be thoroughly practicable and workable, giving all reasonable protection to the seed buyer and placing the least possible burden on the seedsmen or seed dealers who are doing a legitimate business in high grade seeds. The recommendation of this committee so far as future seed legislation is concerned would be to confine all pure seed legislation to the grasses, clovers and agricultural seeds in general, thus confining legislation to seeds that are distinguishable in the grain."

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Wholesale Prices at New York.

Wholesale prices of fruits and vegetables at New York, February 4, were as follows:

Apples.

Wealthy, per barrel.....	\$2 00 a \$3 00
Spitzenberg, per barrel.....	2 00 a 3 00
Jonathan, per barrel.....	2 00 a 4 00
Winesap, per barrel.....	2 00 a 4 50
Stayman Winesap, per barrel.....	2 00 a 3 50
York, Imperial, per barrel.....	2 00 a 3 25
Twenty-Ounce, per barrel.....	2 00 a 2 75
Tallman Sweet, per barrel.....	2 00 a 3 25
Greening, per barrel.....	2 00 a 3 00
King, per barrel.....	2 00 a 3 50
Northern Spy, per barrel.....	2 00 a 4 00
Baldwin, per barrel.....	2 00 a 3 00
Hubbardson, per barrel.....	2 00 a 3 00
Gano, per barrel.....	2 00 a 3 00
Ben Davis, per barrel.....	1 75 a 2 50
Black Twig, per barrel.....	2 00 a 3 00
Black Ben, per barrel.....	2 00 a 2 50
Delicious, Western, per box.....	1 50 a 2 25
Spitzenberg, W'n, per box.....	1 50 a 2 50
Rome Beauty, W'n, per box.....	1 30 a 2 00
Newtown Pippin, W'n, box.....	1 50 a 2 25
Jonathan, W'n, per box.....	1 30 a 1 75
Winesap, Western, per box.....	1 35 a 2 15
Stayman Winesap, W'n, box.....	1 25 a 1 75
Ben Davis, Western, per box.....	1 25 a 1 50
Black Ben, Western, per box.....	1 25 a 1 65
Gano, Western, per box.....	1 25 a 1 65
Golden Orley, W'n, per box.....	2 00 a 2 50

Pears.

Kieffer, per barrel.....	1 50 a 2 50
Kieffer, per basket.....	25 a 35

Cranberries.

Cape Cod, late, barrel.....	7 50 a 11 00
Cape Cod, late, per crate.....	2 25 a 2 75
Cape Cod, Early Black, barrel.....	7 00 a 8 50
Cape Cod, Early Black, crate.....	1 75 a 2 25
Jersey, Howe, per barrel.....	7 00 a 10 50
Jersey, Early Black, barrel.....	a
Jersey, native, per barrel.....	6 50 a 8 00
Jersey, per crate.....	1 75 a 2 75
Long Island, late, per barrel.....	8 00 a 11 00
Long Island, early, per barrel.....	6 75 a 8 00
Long Island, early, per crate.....	1 75 a 2 25

Strawberries.

Florida, Mission's, quart.....	15 a 25
Florida, Excelsior, per quart.....	a
Florida, Nikoma, per quart.....	a 35

Potatoes.

Bermuda, No. 1, per barrel.....	6 50 a 7 00
No. 2, per barrel.....	5 50 a 6 00
No. 3, per barrel.....	4 00 a 5 00
Maine, in bulk, 180 lbs.....	3 50 a 3 90
Maine, per 168-lb. bag.....	3 40 a 3 65
Pa., per 180 lbs.....	3 50 a 3 75
Pa., per 168-lb. bag.....	3 40 a 3 60
State & Western, per 180 lbs.....	3 30 a 3 60
State & Western, 168-lb. bag.....	3 25 a 3 50
Mich. & Minn., 150-lb. bag.....	2 25 a 3 15
Long Island, bulk, 180 lbs.....	4 00 a
Long Island, per barrel or bag.....	3 75 a 4 00
Jersey, per bag.....	2 50 a 3 00
Va. and Md., per barrel.....	3 25 a 2 75
All sections, damaged, bag.....	1 00 a 2 00
Sweets, Delaware, per basket.....	60 a 80
Sweets, Jersey, per barrel.....	1 75 a 2 50
Sweets, Jersey, per basket.....	75 a 1 00
Galvin.....	41 19
Flower Market.....	40 20
Carbone.....	39 21
Zinn.....	31 20
Boston Cut Flower & Comley.....	27 33
Flower Exchange.....	24 36
Robinson.....	23 37
Mc & Mc.....	15 45



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.



YOU NEED THE BIG MONEY MAKER OF 1916.

Champ Weiland

Exquisite Pink in color—Remarkable in size, beauty and foliage.

Orders filled
strictly in the
Order as booked.

Strong Grafted Plants Ready in March and April

100 plants for . . .	\$35.00	500 plants for . . .	\$150.00
250 plants for . . .	82.50	1000 plants for . . .	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery February.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

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J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar. Flint and Field Seed Corns.

Henry Fish Seed Co.

**Bean Growers for the
Wholesale Seed Trade
CARPINTERIA, CALIF.**

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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

Mention the American Florist when writing

BEGONIAS Strong 2 1/2 inch Plants

	Per 100	Per 1000
Cincinnati, 2 1/2-in.	\$15.00	\$120.00
Lorraine, 2 1/2-in.	12.00	100.00
Chatelaine, 2 1/2-in.	5.00	40.00
" 3-in.	8.00	75.00
Vernon, 2 1/2 and 3-in.	4.00	

Primroses.
Obconica in bloom, 3-in. \$ 6.00
" " " 4-in. 9.00
" " " 5-in. 15.00
Malacoides, 3-in. 6.00

Geraniums.
Nutt, Pressly, Gen. Grant, strong
2 1/2-in., \$25.00 per 1000. Wilmette,
largest and best Pink Geranium,
\$50.00 per 1000.

Petunias.
Double—Single fringed.
2 1/2-in. \$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Ice Plant.
2 1/2-in. \$25.00 per 1000

Coleus—Six best varieties.
2 1/2-in. \$25.00 per 1000
Curly Queen, best for baskets.
2 1/2-in. \$25.00 per 1000

Marguerites.
2 1/2-in. \$25.00 per 1000

Fuchsias.
Three varieties, 2 1/2-in., \$25 per 1000
Salvias.
2 1/2-in. \$25.00 per 1000

POT-GROWN FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of
all frilled ferns, 2-in., \$8.00; 2 1/2-in., \$10.00; 3-in., \$12.00 per 100.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Orchids

If you want Orchids for any purpose whatever
we solicit your inquiries and orders for same.
We do not grow or handle anything else but
Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

BOXWOODS—Most Beautiful Stock

Pyramids, 2-ft.	\$1.00 each
Pyramids, 2 1/2-ft.	1.50 each
Pyramids, 3-ft.	2.00 each
Pyramids, 3 1/2-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2 ft.	1.50 each
Nice Bushes, 15-in.	.35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Jan. List ROSES

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

HUNTSVILLE, ALA.—E. Elkon has opened a nursery here under the name of Elkon Nurseries.

MARTINSVILLE, IND. — The Mason-Nalley Orchards Co. has been incorporated with a capital stock of \$10,000.

PONTIAC, MICH.—The midwinter meeting of the Michigan State Horticultural Society will be held here, February 15-16.

LOUISVILLE, KY. — The Kentucky Nursery Co. has discontinued its retail salesroom on Jefferson street. All business is now handled at the nursery.

CHAS. R. CRANE, of Chicago, is reported to have purchased 13,000 acres of land on Cape Cod at \$5 per acre and will try growing apples, peaches and other fruits.

WE are in receipt of the elaborate report of the Kansas City board of park commissioners, well printed and handsomely illustrated with maps and halftone engravings.

BULLETIN No. 331 entitled, "The Handling and Shipping of Fresh Cherries and Prunes from the Willamette Valley," has been issued by the United States department of agriculture and should be of interest to fruit growers of the Willamette Valley and similar sections.

Pacific Coast Trees in Western Norway.

The satisfactory transplanting of trees from America's Pacific coast to western Norway has become a matter of interest to Stavanger's forestry association. This society has this month combined with a similar society in Bergen, and the new "West Coast Trial Station" has decided to send an expedition to America next spring to bring back more trees.

The American varieties of greatest interest to Stavanger foresters are the Douglas and Sitka pines. In 1892 several of the former were planted in this district, and they have proved a success. In another coast town, about 600 miles north of here, where, however, the climate is similar, both varieties have thriven.

There are at present, it is stated, but two kinds of native coniferous trees—the pine and the fir—that are seen on Norway's western coast. The chief forester of the new association has called attention to the fact that there are 400 varieties of such trees, many of which might prove suited to this West Coast climate. It is mild in winter and cool in summer, and there is much rain. In many ways it resembles the climate of our State of Washington, and it is to that state in particular that the new expedition expects to go.

This section has long had a crying need for more trees, and there have been many introductions in past years which have not proven successful.

This, according to forestry experts, is because due consideration has not been given to the original environment of the variety introduced. A German variety of fir, which seemed a remarkably good forest tree, was planted here, but did not do well. The Siberian silver fir, used to severe inland weather, has not made good in this locality, although it has done well in parts of northern Norway. The Austrian fir, from the mountains of southern Europe, has been tried with a similar lack of success, and the white pine has also done poorly here, although it would seem to have better soil conditions and a milder climate than in its original habitat. The Pacific coast introductions are expected to do better than those from the inland sections mentioned.

The district of Stavanger's new tree nursery expects, within a few years, to send out 1,500,000 plants annually. Here it is expected to try out some of the new varieties from America. Trees usually grow very slowly in this section.

Vitis Coignetiae in Illinois.

ED. AMERICAN FLORIST:

Is Vitis Coignetiae hardy in Illinois? SUBSCRIBER.

Vitis Coignetiae is perfectly hardy here in Illinois, but so far as we have found it does not get a strong growth quickly. This may be due to the fact that strong plants are not available. It is certainly the best vine we have for large effects, owing to its fine foliage and wonderful autumn coloring.

E. O. ORPET.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Japanese-American Combination

ROCKERY

Specially made in hothouse.

Japanese landscape garden of any style constructed in a short time.

T. R. Otsuka, 414 S. Michigan Blvd. CHICAGO.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms.

P. O. Berlin, N. J. Williamstown Junc., N. J.
Mention the American Florist when writing

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.

Send for list—We sell to the Trade only

Jackson & Perkins Company

NEWARK, NEW YORK

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

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ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Painesville, Ohio.

Field Grown Roses

TWO YEAR DORMANT

Baby Tausendschon
Erna Teschendorf
Kaiserin Augusta Victoria
Killarney
Gen. McArthur

Jonkheer J. L. Mock
Mme. Jules Grolez
(Red Kaiserin)
Farbenkonigen
Prince de Bulgarie

Dean Hole
Mme. Ravary
Clotilde Soupert,
\$12.00 per 100.

Unless noted, \$15.00 per 100.

CLIMBING ROSES

Climbing American Beauty..... Per 100 \$17.50
Crimson Rambler..... 12.00
Excelsa (Red Dorothy Perkins) 12.00

Hiawatha..... Per 100 \$12.00
White Dorothy..... 10.00

A full list of all Roses on demand.

The Storrs & Harrison Co., Painesville, Ohio

THE NEW ROSE

MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready now.

Waban Rose Conservatories, Natick, Mass.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Lantanas, 6 varieties.....	\$2.00	\$18.50	\$3.00	\$25.00
Lemon Verbenas	2.00	18.50	3.00	25.00
Moonvine, white and blue	2.00	18.50	3.00	25.00
Parlor Ivy	2.00	18.50	3.00	25.00
Petunias, double and single, mixed color.....	2.00	18.50	3.00	25.00
Petunias, 10 named var...	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus, Dusty Miller.....	2.00	18.50	3.00	25.00
Swainsona, white and pink	2.00	18.50	3.00	25.00
Vinca Variegata	2.00	18.50	3.00	25.00
Acalypha Macaefana	2.50	20.00	4.00	35.00
Coleus, Salvia, Ageratum, Heliotrope. Rooted cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.				
Canna Roots, \$2.00 per 100 and up.				

R. Vincent Jr. & Sons Co.
White Marsh, Md.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....	\$3.00 each
10-inch tubs, 40 to 44 inches high, at.....	5.00 each
Kentia Forsteriana, made up, bushy plants, in good tubs.	
7-inch tubs, 3 plants in a tub, 36 inches high, at.....	\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at.....	3.50
8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at.....	4.00
8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at.....	5.00
9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at.....	6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at.....	7.50
Asparagus Sprengeri, strong 3-in.....	\$ 5.00 per 100
Dracaena Terminalis, strong 5-in. well colored.....	\$7.00 per doz.; 50.00 per 100
Ficus Elastica, 5-in. pots, 18-in. high, broad leaved, at.....	40c
Heliotrope, 2 1/4-in., purple or white.....	\$3.00 per 100
Lantanas, 8 varieties, 2 1/4-in.....	\$4.00 per 100

The Storrs & Harrison Co.
PAINESVILLE, OHIO.

Mention the American Florist when writing

Robert Craig Co...

High Class **PALMS**
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

BUDDLEIA ASIATICA

Fine pot plants at \$5.00 per 100, in bud.
Rooted cuttings, \$2.50 per 100, Feb. delivery.
Geraniums, S. A. Nutt, \$12.50 per 1000; Ricard and Poitevine, \$15.00 per 1000; all sold until Feb. 17th.

ALBERT M. HERR, LANCASTER, PA.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Parsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2 1/2-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues
SAN FRANCISCO, - CALIF.

Mention the American Florist when writing

ASPARAGUS

Plumosus, 2 1/4-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3 1/2-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000.

—CASH—
JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeana, Niobe, Jean Peters, John Llewellyn, well budded. 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chartard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

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1012 West Ontario Street,
PHILADELPHIA, PA.

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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The Home Correspondence School
Dept. C. F., Springfield, Mass.

CHRYSANTHEMUMS.

5,000 strong divided plants of **EARLY SNOW**, from cold frames, \$2.00 per 100. Must have room. Address

FROMMELT BROS., Florists,
Petersburg, Va. ginia.

TRADE DIRECTORY

PRICE: \$3.00. Postpaid.

American Florist Company
440 S. Dearborn St., CHICAGO

COTTAGE MAID

A Sport of Mrs. C. W. Ward.

Will be disseminated 1916-17.

Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, Ellis, Mass.

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition.

Rooted cuttings, March delivery, \$12.00 per 100; \$100.00 per 1000. (Feb. delivery all sold.)

Have a few hundred from 2 inch pots ready early in March, at \$15.00 per 100.

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Enchantress	\$3.00	\$25.00
Alice	6.00	50.00	Rosette	3.00	25.00
Matchless	3.50	30.00	Mrs. C. W. Ward	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00
Yellowstone	3.00	25.00	Gloriosa	3.00	25.00
White Wonder	3.00	25.00			

Chrysanthemum "EARLY FROST," rooted cuttings. March and April delivery.
\$7.10 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., - Lafayette, Ind.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

ROSES FOR FORCING

Grafted ready March 1st and later.

Own Root, now and later. All 2½ inch.

	OWN ROOT		GRAFTED	
	Per 100	Per 1000	Per 100	Per 1000
Ophelia.....	\$ 7.00	\$60.00	\$12.00	\$100.00
Hoosier Beauty.....	10.00	90.00	12.50	110.00
Mrs. Chas. Russell.....			14.00	120.00
Mrs. Geo. Shawyer.....	6.00	50.00	12.00	110.00
Pink Killarney.....	6.00	50.00	12.00	100.00
Double White Killarney.....	6.00	50.00	12.00	100.00
Killarney Brilliant.....	7.00	60.00	12.00	100.00

	OWN ROOT		GRAFTED	
	Per 100	Per 1000	Per 100	Per 1000
Mrs. Aaron Ward.....	\$ 6.00	\$50.00	\$12.00	\$100.00
Hadley.....	6.00	50.00	12.00	110.00
Milady.....	7.00	60.00	12.00	100.00
Prince d'Arenberg.....	6.00	50.00	12.00	110.00
Sunburst.....	7.00	60.00		
Geo. Elgar.....	8.00	75.00	12.00	100.00
Tip-Top (Baby Doll).....	25.00	200.00	30.00	250.00

CARNATIONS--Rooted Cuttings

Clean and Well Rooted.

New Reds--1916

	Per 100	Per 1000
Nebraska.....	\$12.00	\$100.00
Belle Washburn.....	12.00	100.00
Aviator.....	12.00	100.00

Last Year's Novelties

Pink Sensation.....	6.00	50.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Akehurst.....	6.00	50.00

Standard Kinds

	Per 100	Per 1000
Beacon.....	\$3.00	\$25.00
Enchantress Supreme.....	3.00	25.00
Matchless.....	3.00	25.00
Philadelphia.....	3.00	25.00
White Wonder.....	3.00	25.00
Ward.....	3.00	25.00
Rosette.....	3.00	25.00
Herald.....	3.00	25.00
Benora.....	3.00	25.00
White Enchantress.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00

3 Fine Specials

Ready now--Strong plants in 2¼ inch pots.

Heliotrope Centefleur--The best dark.

Begonia Chatelaine--Good for pots and bedding.

Petunias--Finest double sorts, propagated from cuttings; Pink, White, Purple and Variegated.

Vaughan's Seed Store

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New York

Nurseries and Greenhouses at Western Springs, Ill.

GREAT SACRIFICE SALE

Young Rose Plants

500,000 to be Sold At Once.

Send for complete list of offerings. Over 200 best varieties, \$15.00 per 1000 and up.

The chance of Your Life to Grow Dimes into Dollars Quickly.

CALIFORNIA ROSE COMPANY,

Pomona, Calif.

FERNS

Boston and Roosevelt

6 inch.....	25c	9 inch.....	\$1.00
7 inch.....	50c	10 inch.....	1.25
8 inch.....	75c	11 inch.....	1.50
Rooted runners.....	\$10.00 per 1000		

These ferns are all pot grown and in a No. 1 condition, guaranteed to be as good as any in the market.

FELIX KRAMER

Blaine St.,

NILES, OHIO

A visitor last week said: "I never saw such a crop of flowers in my life."

MISS THEO.

is always in crop.

Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
17-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Providence, R. I.

DEMAND FOR ALL STOCKS HEAVY.

Stock during the past week has been very plentiful, carnations especially at times overloading the market. Daffodils are coming in fast at present and the quality is good. Tulips are also to be had, and while they are of good quality they are short of stem. The demand for them, however, is not very heavy at this time. Sweet peas sell well for corsage work. Freesias are good stock. The markets seem to be well supplied with a large variety of seasonable flowers, and as the demand in all lines has been very good, there is no surplus at any time.

NOTES.

The Westminster Greenhouses are well stocked this year and at present are cutting exceptionally fine daffodils. A large variety of cut flowers and plants are kept on hand at all times to take care of trade, both wholesale and retail.

Salesmen representing several of the largest supply houses in the country have been here during the past week and all report trade as being very good.

Heart-shaped boxes for the St. Valentine's day trade and other appropriate novelties are being featured and the local trade anticipates a very good business.

H. A. T.

Pasadena, Calif.

The florists in this city are feeling jubilant over the prospects for good business. There has been an unusual amount of sickness this winter and consequently more than the usual amount of funeral work. Weddings we always have with us, the same as deaths. The hotels are opening late this year consequently floral work for parties along that line has been nil but is beginning to pick up somewhat now. Many of the tourists, however, are still crying hard times.

NOTES.

The Orchid Flower Shop is always a busy place. They report this as being the busiest season in the history of the establishment. Roses, especially Ophelia, Shawyer, Prima Donna and Hadley, were a feature here. Two first prizes and one second prize were captured by this firm's entries at the recent rose tournament.

The nurserymen in this section are preparing for a heavy trade as soon as the rains permit planting. The consensus of opinion among them is that since business has been so poor for the past two years, a good season should be coming to them.

Eldred's Flower Shop is doing a good business. A noteworthy showing of cinerarias was seen at the time of the writer's visit and the force was busy preparing for a big reception at one of the leading hotels.

Miss F. M. Hudson has been very

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
White Wonder.....	2.50	20.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Washington.....	2.50	20.00
Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Richmond.....	3.00	25.00
Sunburst.....	4.00	35.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

busy this winter but her work has been mostly in wedding and funeral orders. She is looking forward, however, to decorations during the coming month.

The nurseries of P. W. Jannoch &

Sons are already feeling the effect of better times. A 100-foot addition to be heated with crude oil is one of the improvements planned for the near future.

G. H. H.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Robusta Compacta, 3 to 4 tiers, \$1.50; \$2 and \$2.50 each. Excelsa, 4 to 5 tiers, \$1.50; 5 tiers, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 3-inch, \$6 per 100. Made-up pans and 7-inch pots, \$4 per doz. Sprenger, 2 1/4-inch, \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/4-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2 1/4-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS and SPRENGER, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprenger, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

ASPIDISTRAS.

Aspidistra lurida, 5-inch, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervaeke, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azaleas, Mme. Van der Cruyssen, Simon Mardner, Vervaekeana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.	Per 100
Xmas Red, 2 1/4-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2 1/4-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2 1/4-in.	3.00
Smithii, 2 1/4 in.	3.00
Chatelaine, 2 1/4-in.	3.50

ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Delivery from May 15.	Per 100
Lorraine, 2 1/4-in. pots	\$ 12.00
Cincinnati, 2 1/4-in. pots	15.00
Mrs. J. A. Peterson (new), 2 1/4-in. pots	25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Gloire de Chatelaine, Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Mixed, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Begonias, Cincinnati, 2 1/4-in., \$15 per 100; \$120 per 1,000. Lorraine, 2 1/4-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2 1/4-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2 1/4 and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

BEGONIAS.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$8; 4-inch, \$15. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Chatelaine, 2 1/4-inch. Vaughan's Seed Store, Chicago and New York.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Skimmia Japonica, well berried, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs, Gloxinias Grassifolia grandiflora, separate colors, \$4 per 100; \$35 per 1,000; mixed colors, \$3.60 per 100; \$32 per 1,000. Hybrids Imperialis, separate colors, \$1 per doz.; \$7 per 100; mixed colors, 85c per doz.; \$6 per 100. Tuberous rooted begonias, single sorts: white, scarlet, yellow, pink, orange, salmon, 50c per doz.; \$3 per 100; \$25 per 1,000; single mixed, 40c per doz.; \$2.60 per 100; \$23 per 1,000. Double sorts: white, scarlet, yellow, pink, orange, salmon, 60c per doz.; \$4 per 100; \$35 per 1,000; double mixed, 50c per doz.; \$3.50 per 100; \$30 per 1,000. Tuberous, true dwarf Pearl, 1st size, \$9 per 1,000; medium size, \$5. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kastig Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Japan grown freesias and L. Formosum, also cold storage gigantesms always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100, Tampa Floral Co., Tampa, Fla.

CANNAS.

Cannas, dormant roots, 2 and 3 eyes; King Humbert, \$2 per 100; case of 250, \$4.38; \$17.50 per 1,000. Bouvier, Chas. Henderson, Florence Vaughan, General Merkel, \$1.65 per 100; case of 250, \$3.75; \$15 per 1,000. Richard Wallace, \$1.50 per 100; case of 250, \$3.50; \$14 per 1,000. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Canna roots, 2 to 3-eye. For varieties and prices, see advertisement on front cover page. A. Henderson & Co., 211 N. State St., Chicago.

Cannas, 1 to 3 eyes, Allemania, \$1 per 100; Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100, Jos. H. Cunningham, Delaware, Ohio.

CANNAS.

Cannas, dormant roots:—Allemania, \$25 per 1,000. Burbank, \$25. Buttercup, \$40. David Harum, \$22.50. Egandale, \$22.50. Florence Vaughan, \$20. Hungaria, \$35. King Humbert, \$30. Louisiana, \$22. Mme. Crozy, \$22.50. Mrs. A. F. Conard, \$35. Queen Charlotte, \$25. Souv. de Antoine Crozy, \$25. Wm. Saunders, \$50. Venus, \$30. Firebird, best scarlet, \$20 per 100; \$180 per 1,000. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.	Immediate Delivery.	100	1,000
Aviator	\$12.00	\$100.00
Alice	6.00	50.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate, 250 or more at 1,000 rate.			

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

ROOTED CARNATION CUTTINGS.	100	1,000
Aviator	\$12.00 \$100.00
Enchantress	2.00 18.00
White Enchantress	2.00 18.00
Victory	2.00 15.00
Cerise Winsor	5.00 40.00
Enchantress Supreme	3.00 25.00
Matchless	3.00 25.00
White Wonder	3.00 25.00

ZECH & MANN, Chicago.

ROOTED CARNATION CUTTINGS.	100	1,000
Enchantress	\$2.00 \$18.00
Philadelphia	2.00 18.00
Washington	2.00 18.00
Rosette	2.50 20.00
White Enchantress	2.00 18.00
White Perfection	2.00 15.00
Champion	3.00 25.00
Victory	2.00 18.00

VIETOR BROS., Chicago

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.
Enchantress \$3.00 \$25.00
White Wonder 3.00 25.00

SINNER BROS., Chicago.

Carnations, Belle Washburn, Nebraska. Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION CUTTINGS—AI QUALITY.
Clean healthy stock taken from selected plants.

	Per 100	Per 1,000
Light Pink Enchantress	\$2.00	\$14.00
Rose Pink Enchantress	2.00	14.00
Winsor	2.00	14.00
Zoe Symonds	2.00	14.00
Victory	2.00	15.00
White Perfection	2.00	15.00
Afterglow	2.00	15.00
Mrs. C. W. Ward	2.50	18.00

Can supply unrooted cuttings if desired at a less price.

J. A. BUDLONG,

184 North Wabash Avenue, Chicago, Ill.

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Alice, \$6 per 100; \$50 per 1,000. Matchless, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Carnations—Nebraska, Belle Washburn, Aviator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2 per 100; \$18 per 1,000. White Wonder, Beacon, Washington, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

ROOTED CARNATION CUTTINGS FROM SAND.
Enchantress.....\$15.00 per 1,000
Nic. Reding, 6731 Ridge Ave., Chicago.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

FIVE BEST EARLY CHRYSANTHEMUMS.
Stock plants full of cuttings now ready.
Oconto, early white, per plant.....25 cents
Early Frost, early white, per plant.....50 "
Crystal Queen, early white, per plant.....50 "
Golden Queen, early yellow, per plant.....50 "
Marigold, early yellow, per plant.....50 "

BASSETT & WASHBURN,

178 North Wabash Avenue, Chicago.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100 of 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.**COLEUS.**

Extra fine 2½-inch stock—Golden Bedder, Fairy Queen and Verschaffelt, \$2.50 per 100. Brillancy, \$3.00 per 100.

GEORGE WITTBOLD CO.,

739 Buckingham Place, Chicago, Ill.

Coleus, 2½-inch, \$2.50 per 100; Beckwith Gem, Verschaffelt, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria. Poehlmann Bros. Co., Morton Grove, Ill.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curley Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, beautifully colored, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.**CYCLAMEN IN BLOOM.**

Very choice stock for window displays.
Three-inch, \$1.00 per dozen; 4-inch, \$2.00 per dozen; 5-inch, \$4.20 per dozen; 5-inch (extra fine) \$6.00 per dozen. Large white, 50 to 75 cents each.

GEORGE WITTBOLD CO.,

739 Buckingham Place, Chicago, Ill.

Cyclamen Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000; 3-inch in bloom, \$8 to \$10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM—Mostly salmon. Wandsbek, 4-inch, good plants at 15c and 20c, in full bloom. Would exchange for Var. Vincas 2-in. or 3-in. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

30 dahlias, \$1.25 postpaid; 1,000 dahlia roots, choice, by freight, \$2.50. Alva Cathcart, Bristol, Ind.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracaenas, Amabilis, 6-in., \$1.25 each. Baptistii, 6-in., \$1.25. Massangeana, 5½-in., 75c. Imperialis, 5-in., \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compasta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c; 10-in., \$2 to \$2.50; 12-in., \$3 to \$3.50. 5-in. Boston and Roosevelt only, 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Flath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston and Roosevelt, 6-in., 25c; 7-in., 50c; 8-in., 75c; 9-in., \$1; 10-in., \$1.25; 11-in., \$1.50. Rooted runners, \$10 per 1,000. Felix Kramer, Niles, Ohio.

Ferns for dishes, 2½-inch, \$3.50 per 100; \$30 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale. Askov, Minn.

Boston ferns from Hats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

Fuchsias, 30 varieties, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS.

Geraniums, 2 and 2½-inch pots of Ricard, Beate Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

ROOTED GERANIUM CUTTINGS.

The following "SUPRE BEEDERS": S. A. Nutt, dark red; Dbl. Gen. Grant, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, Nutt, Pressily, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

ROSE GERANIUMS, 2½-inch, \$2 per 100. Cash. Geo. B. Morrell, Torresdale St., Philadelphia, Pa.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

	Per 100	Per 1,000
America, 1st size	\$1.25	\$10.00
Augusta, 1st size	1.25	10.00
Chicago White, 1st size	3.00	25.00
Mrs. Francis King, 1st size	1.25	10.00
Halley, 1st size	2.00	18.00
Princes, 1st size	2.50	22.00
Mrs. Frank Pendleton, 1st size	9.00	85.00
Niagara, 1st size	4.50	40.00
Panama, 1st size	4.00	35.00
Primulinus Sunbeam, 1st size	18.00	....
Baron J. Hulot (dutch grown)	2.50	20.00
Chicago Salmon, 1st size	4.50	40.00
Velvet King, 1st size	3.00	25.00
Hyde Park, 1st size	5.00	45.00
Vaughan's XXX Florist Mixture	1.75	15.00
Extra Fine Mixed	2.00	18.00
Good Mixed	1.00	8.50

VAUGHAN'S SEED STORE,

Chicago, New York.

GLADIOLUS BULBS AND BULBETS.
PLANTING STOCK of Mrs. Francis King, Augusta and America, carefully grown and true to label. Third, fourth and fifth size bulbs at lowest thousand rates. We are headquarters and bulbs bought from us when matured will bring pedigree stock prices. VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Gladiolus cheap to close out, about 40,000 named sorts. C. S. TAIT, Brunswick, Ga.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best crowns, own growing. Foliage oval shaped, \$8 per 1,000. A longish shape, \$6 per 1,000. Solomon's Seal, giganteum, \$8 per 1,000. Solomon's Seal, macrophyllum, \$9 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

HELIOTROPE.

Heliotrope Centedeur, 2½-inch. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere, Avalanche, E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chautard, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

20 iris, postpaid, \$1.25. Alva Cathcart, Bristol, Ind.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bouffre and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Bel., made-up, 8-in., 36-in., \$3; 10-in., 40 to 44 in., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7 in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, Kentias and Phoenix Roebeleni. For sizes and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c; 5-inch, 50c; 6-inch, 75c. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES and Gladiolus; home grown and imported. L. F. Dintelman, State St., Belleville, Ill.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

6 peonies, postpaid, \$1.25. Alva Cathcart, Bristol, Ind.

PETUNIAS.

Petunias, single and double mixed color; also 10 named varieties, 2-in., \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Petunias, 2½-inch, dbl. sorts. Vaughan's Seed Store, Chicago and New York.

Petunias, dbl., single fringed, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

PRIMULAS.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

Roses for forcing—Grafted ready March 1 and later. Own root, now and later. All 2½-inch.

	Own Root.	Per Per	Grafted.	Per Per
	100	1,000	100	1,000
Ophelia	\$7.00	\$60.00	\$12.00	\$100.00
Hoosier Beauty	10.00	90.00	12.50	110.00
Mrs. Chas. Russell	.....	.....	14.00	120.00
Mrs. Geo. Shawyer	6.00	50.00	12.00	110.00
Pink Killarney	6.00	50.00	12.00	100.00
Double White Killarney	6.00	50.00	12.00	100.00
Killarney Brilliant	7.00	60.00	12.00	100.00
Mrs. Aaron Ward	6.00	50.00	12.00	100.00
Hadley	6.00	50.00	12.00	110.00
Milady	7.00	60.00	12.00	100.00
Prince d'Arenberg	6.00	50.00	12.00	110.00
Sunburst	7.00	60.00	.....	.....
Geo. Elgar	8.00	75.00	12.00	100.00
Tip-Top	25.00	200.00	30.00	250.00

VAUGHAN'S SEED STORE, Chicago, New York.

GRAFTED ROSE PLANTS. Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti.

	100	1,000
Russell	\$14.00	\$120.00
Rhea Reid	14.00	120.00
Hoosier Beauty	14.00	120.00
Ophelia	12.00	110.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS. Sunburst \$7.00 \$60.00
Cecile Brunner 7.00 60.00
Shawyer 7.00 60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, Chicago.
178 North Wabash Avenue.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in.	2½-in.
	Grafted.	Own Root.
	Per	Per
	1,000	1,000
Russell	\$120.00	none
Killarney	100.00	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

ROSES.

DISTINCTIVE ROSES. IT PAYS TO GROW THEM.

CHAMP WEILAND—You need the big money-maker of 1916. Exquisite in color. Remarkable in size, beauty and foliage. Ready in March. Grafted plants, 100 for \$35.00, 250 for \$62.50, 500 for \$115.00, 1,000 for \$200.00.

MRS. CHAS. RUSSELL and MRS. MOORFIELD STOREY—Grafted plants, \$14.00 per 100, \$120.00 per 1,000; own root, \$12.00 per 100, \$100.00 per 1,000.

For prices on standard varieties, write us for special quotations.

WEILAND & RISCH, Chicago, Ill.
154 N. Wabash Ave.,

ROSES DORMANT STOCK.	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Elen Paulsen	2.50	13.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	13.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00
ERNEST ROBER, WILMETTE, ILL.		

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer J. L. Mock, Mme. Jules Grolez, Farbenkogen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

ROOTED ROSE CUTTINGS.	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now. GEORGE REINBERG, 162 North Wabash Avenue, Chicago, Ill.

Roses, 2½-inch, Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago, Ill.

Roses, grafted. All the best new ones. Vaughan's Seed Store, Chicago and New York.

Young rose plants. 200 best varieties, \$15 per 1,000 and up. California Rose Co., Pomona, Calif.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ½ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracæna indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, asters. For varieties and prices, see advertisement elsewhere in this issue. James Vick's Sons, Rochester, N. Y.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, per 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3; 5,000 to 10,000 seeds, \$3 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips, R. & M. GODINEAU, Angers, France.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and dower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

SHAMROCKS.

Shamrocks, 1-inch and 2-inch plants, \$3 per 100; \$25 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SWEET PEAS

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VEGETABLE PLANTS.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

100 rhubarb, \$1.25. 200 asparagus, \$1.25, postpaid. Alva Cathcart, Bristol, Ind.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata, 3½-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

STOCK WANTED.

I want to buy a stock of cattleyas. HAROLD JEFFS, Honolulu, Hawaii.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tonawanda, N. Y.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1811 South Troy St., Chicago.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Apbine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Apbine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Apbis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Japanese-American combination Rockery, specially made in bothouse. Japanese landscape garden of any style constructed in a short time. T. R. Otsuka, 414 So. Michigan Ave., Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Duo-Glazed sash for hotbeds. Callahan Duo-Glazed Sash Co., 2517 Wyandot St., Dayton, Ohio.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Sterling iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Square Paper Pots and Dirt Bands. Price list, samples and "experience of 131 florists," free. F. Rochelle & Sons, Chester, New Jersey.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Greenhouse glass. Write for prices. Stat-ing sizes and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Pexto Pruning Shears, for trees, shrubs, vines, bushes and hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Aglaonema Pictum, 5-inch, 75c each; 6-inch, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Pruning shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Clay Tile Benches. Write for circular. Camp Conduit Co., Cleveland, O.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchblinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot bangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 35c; 500, \$3; \$5.50 per 1,000.

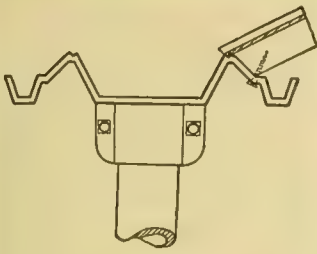
Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.



THIS is probably the best time of the year to take up the matter of new greenhouses, as we as additions to present ranges, and it is for this reason we suggest that you write us regarding your requirements.

Remember, we are greenhouse men as well as manufacturers and operate our own foundry, machine shop and wood mill, which have been designed, erected and equipped for the fabrication of greenhouse material.

Garland Manufacturing Company

LOUIS WITTBOLD,
President.

Des Plaines, Illinois,
Suburb of Chicago.



WHEN building new houses or repairing the old ones it will pay you to write us and get one of our catalogs.

We manufacture
Advance Ventilating Equipment

and a complete line of
Greenhouse Fittings.

Illustrations, descriptions and net prices right in the catalog.

ADVANCE stands for
quality and service.

Advance Co.
RICHMOND, IND.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Why Duo-Glazed Sash for Hotbeds?

Because it takes most of the labor and nearly all the risk out of Hotbed and Coldframe gardening.

With Duo-Glazed Sash—two layers of glass with insulating air space between—no shutters or night coverings are needed. Think of the labor saved. Being frost-proof, which single glazed sash is not, a sudden change in temperature isn't going to catch you unprepared. Think of the saving in plants.

The cost of Duo-Glazed Sash over that of the single glazed (about 33c on the sash and 75c for glass) is no more than the cost of night coverings, without any consideration of the labor cost of handling the covers.

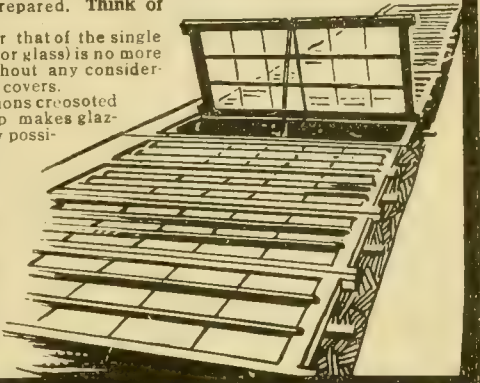
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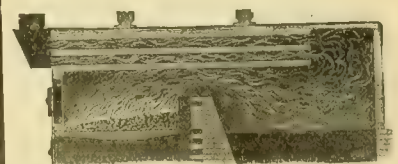
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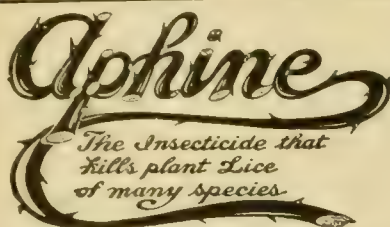


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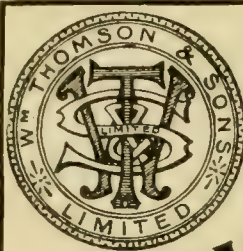
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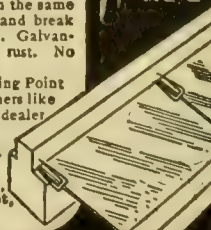
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Vol. XLVI.

CHICAGO AND NEW YORK, FEBRUARY 19, 1916.

No. 1446

THE AMERICAN FLORIST

ESTABLISHED 1885.

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SUGGESTIONS FOR PLANT GROWERS.

Early Annuals.

During the warm days of June the carnations deteriorate very rapidly and there is often a great need for some flower to take their place, and an early bench of asters is a great boon at such a time, especially for those who have a good call for funeral work. Seed planted during February and grown in pots or flats until after Easter can be then transplanted to the benches in which the Easter crops are grown and they will be in bloom at the time when most desired. A good strain of early flowering varieties, either Comet or Victoria, should be selected and with good care a paying crop is assured. A sowing of candytuft by March 1 will also produce plants that can be benched after Easter in the same manner and a good cut for Memorial day be had. The strains of White Giant candytuft now offered make splendid spikes for the filling in of sprays at that great flower day. There are many annuals that can be grown for early spring blooming that are greatly appreciated by the trade, among which might be mentioned calendulas, nasturtiums, scabiosa, sweet sultans and bachelor's buttons.

Dahlias.

The forcing of early dahlias has been practiced successfully by growers the last few years, and roots started at this time will produce flowers for Memorial day and during June. A good deep bench, in a house not too warm, should be selected, and while the plants are great feeders in the open ground, it is better not to have the soil too rich in the houses, for the plants grow very tall inside, and with a rich soil make a strong, rampant growth, which will not bloom as early. They can be fed when the buds begin to form by giving them a mulch of half-decayed manure, which will materially assist the flowering and also provide a covering that will prevent evaporation. They will require but little attention except that long, strong stakes will be necessary to keep the plants growing erect, to which they should be firmly tied, and

then disbudded to produce the better blooms. Any varieties of which it is desired to increase the stock can be planted in the house and the young growths made into cuttings, which root easily at this time.

Marguerites.

As the warm days of spring approach the marguerite plants will bloom profusely and those in pots will have, to a great extent, exhausted the plant food in the soil, so to keep up the size of the flower and length of stem watering with liquid manure will be necessary. Liquid cow manure can be safely used in frequent waterings with no danger of any injury if the plants are in a healthy condition. The flowers should be cut daily and placed in water; they will keep much longer than if allowed to remain on the plants, where they quickly fade if not picked when the warm spring days come on. This should be prevented, for it not only gives the plant an untidy appearance but takes the strength of the plants and the following flowers are often much shorter in stem. A few well bloomed plants are very decorative at Easter, especially in churches, where they make a splendid showing. Propagation for next year's stock should now be carried on; the cuttings root easily and there are plenty to be obtained at this time. As soon as rooted they should be grown on in good soil, and to secure the best results another year given the best of culture.

Azaleas.

The azaleas for spring flowering and Easter will soon need attention. If they have been in cold pits they should be brought into cool houses, and those that have been kept in cool houses will need spacing out and a careful going over. March and April being nearer their natural time of blooming than those brought into flower early in the winter, the plants will not have to be forced as hard and are much better brought along in a cooler temperature. The plants, however, that bloom later

Ready Reference Advertisements

Crowd Him With Business

Wants to Catch Up

With Orders.

American Florist Co.,
Chicago.

Gentlemen:—Please discontinue
my ready reference advertisement
for geranium cuttings until further
notice. I want to catch up on orders.

JAMES MOSS.

Johnsville, Pa., Jan. 24, 1916.

will require more attention, especially in regard to pinching out the soft growths that start around the cluster of buds. This should be done as early as possible and with great care, so as not to injure or break the buds. These soft growths grow very rapidly at this time and if they attain any length, quickly draw the nourishment from the stem and blast the buds, so it will require constant attention to keep them pinched off. They should be looked over at least once a week and all young shoots removed. Give the plants plenty of room so as to allow a good circulation of air, that the plants can dry off after syringing. These plants are often crowded together as closely as possible, but this invariably results in the loss of much foliage and the plant grows out of shape.

What to do with the plants that have flowered is often a question. Many growers assert that a better and earlier plant can be produced the second year than can be bought abroad and imported, but to do this the plant must be given good culture and not placed in some out-of-the-way corner where it suffers for lack of air, light and water. Whatever trimming into shape the plant requires should be done now, and the plant given an opportunity to start a new growth. As early as it is safe from all frosts the plants can be plunged outside in a frame and during the summer a mulch should be spread over the soil to prevent too much evaporation. Frequent syringings may be required during hot weather to keep down red spider, these plants being quickly infested with these insects in certain localities and they quickly ruin the foliage. Like all hard-wooded stock, be sure they do not get dry. They do not show it as quickly as the soft-wooded plants and often when it is seen it is too late to remedy the injury done.

Cannas.

One of the most decorative beds for summer, especially if it is of large size, is a bed of blooming cannas, for they are very showy and will bloom throughout the summer until frost cuts them down, and the varieties have been greatly improved during the last decade. To make the best showing the plants should be started early enough to have good strong stock at bedding-out time in May and June. The plants should be started by March 1 and now is the time to procure stock of varieties of which the grower is short or which he has not on hand. The clumps when removed from the winter storage should have all the old soil shaken off, the dried up stalk and roots cut away. They are then cut up into small pieces and if the stock is plentiful two or three eyes can be left to each piece, but where stock is short they are cut up to single eyes although with single eyes many weak plants will be produced. Often the clumps have started into growth and where this has happened the eyes should be sorted, those already started being planted together and the dormant eyes by themselves. Have boxes all ready and place an inch of soil on the bottom and then place the divisions on this closely together and cover with light, sifted soil and then water thoroughly. Keep the varieties separate and properly labeled, each box to contain but one variety and the name plainly marked on the

box, for labels are often lost or misplaced. Place the boxes in a warm location—where hot water heating is used they can be placed on the return pipes. In two or three weeks the plants will have made sufficient roots to be placed in 3½ or 4-inch pots, when they can be grown on in a house with a temperature of 50° to 60°. In planting cannas outside it should always be remembered that they are very tender and should not be set out until all danger of late frost is past.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

DES MOINES, IA.—The J. S. Wilson Floral Co. had a very effective St. Valentine's day advertisement in the Des Moines Capital, February 11, covering a full page of that paper.

The Fluted Column Pedestal.

The accompanying illustration shows a very useful accessory—ornamental and durable; a pedestal on which may be displayed anything that it is desired to feature, a handsome plant, basket of growing plants or of flowers, or as is the purpose at this time, a rose float or shallow flower bowl is shown to good advantage.

This pedestal, made of wood, is hollow with solid top and bottom; it is 12 inches in diameter, 38 inches in height and painted in white enamel. A few of these pedestals will be found useful and ornamental, giving decorative effect to most stores.

They are light enough to be easily transported and placed on the outer edges of groups of plants. To support vases or baskets of flowers in fine decorations they are very effective. If enclosed in muslin bags, when not in use, they are easily kept clean, and when shop-worn through use can be made new with a coat of white enamel.

The Fernery.

The table fernery is one of the staple articles of the retail business. After the opening of the season the tins or inner linings keep dropping in to be filled, until in some places there is almost enough in this line to keep one employe busy with this alone.

To handle this work properly it should be done with system. A stoutly bound book, with indexed leaves, should be kept by the man in charge and a careful record made of every filling, just what ferns were used, the number, and if a palm or other plant was used for the center. The reason for this is that persons forget from one time to another just how long the fernery lasts, and one often hears the complaint, "My fernery did not keep at all well this time, the ferns were droopy when I received it," or "It was frozen when it arrived," when as a matter of fact it had been neglected and dried out. On referring to the record the different times of filling are seen at a glance and what is declared only a week, turns out to be three weeks or even a month, which is about as long as most ferneries will keep presentable in the ordinary dwelling.



PICTORIAL PART OF THE J. S. WILSON FLORAL CO.'S FULL PAGE ST. VALENTINE DAY ADVERTISEMENT IN THE DES MOINES CAPITAL, FEBRUARY 11.

An important matter is that the clerk taking the order for refilling should ascertain the variety of ferns desired. There are not many sorts, five varieties in fact being enough to give change of form and color. Well grown plants of *Pteris nobilis*, *Aspidium tsusimense*, *Cyrtomium falcatum*, *Pteris Mayii* and *P. albo-lineata*, in two and one-half inch pots are ideal for the work. Many are grown in three inch pots, but to get them into the shallow tins too much root must be cut away and this is hard on the plants. In filling, much care should be taken to make the work uniform; very often two of a kind are planted together on one side and this makes the dish look lopsided. Many prefer to have only one kind, *Cyrtomium falcatum* often being used alone on account of its bright, glossy foliage. *Aspidium tsusimense* is another favored sort, its feathery fronds being much admired.

In filling care should be taken to have the plants so placed that the fronds fall over the edge of the dish so as to hide the soil, as keeping a bit away from the center gives more air and light all through. A small *Kentia*, or a *cocos*, is an addition as a center plant standing above the other foliage and will generally outlive several fillings of ferns. The dish when ready for delivery should be spotlessly clean. So often when it is about finished and dipped in the tub to water and wash off the outside of the tin, it is placed on the bench and given a few touches with dirt covered hands which soils the foliage. This is not apparent when wet, but shows very plainly when dried out in the warm dining room, where, when other topics are overdone, the everpresent centerpiece is sure to come in for criticism.

Prices should be as uniform as possible, as often in the fall, when ferns are plentiful and generally of good size it does not take as many plants as after the holidays, when second crop plants are not nearly so full and more are required to get the same effect. It is best if possible to get a satisfactory price for the first filling and keep to that if possible for each successive time. Many times the order is just a fern to replenish this or that side, but it is best to get the order to renew entire if possible as partial filling is never satisfactory, the old plants, with their roots disturbed, fading away very fast and the dish soon looks badly.

Some customers have two sets of dishes, one at the greenhouse, growing, while the others are in use at the house. Another plan is to have small seed pans filled with ferns coming on, which can be transferred bodily into the tin dish or other center, or perhaps fits the receptacle as it is, without having to be transferred. It is well to make a round of the customers once in a while to see how the fernery is being treated. They appreciate the attention as well as the directions given for its care.

If this department of the business is well managed, and it is easily worth the trouble it may take to make it satisfactory, it has great value in establishing confidence in the firm. Many good accounts have commenced with preliminary work of this kind. Promptness is a great factor in the case, as so often when guests arrive, it is noticed at the last minute, that the



FLUTED COLUMN PEDESTAL FOR STORE DECORATION.

fernery needs refilling and to get and return the dish at once will nearly always be possible and greatly appreciated.

K.

A Treasure of the Humble.

A geranium blossom has been perfected measuring six inches across. Where? you ask. Where but in California. To see achievement with all that grows, one turns to that state. However, it was not of California, but of the geranium, that we started to sing. We are not eager to see peony geraniums. When one thinks of geraniums, he thinks of a bloom modest in size, but brave in scarlet, the color of good cheer. For the geranium is a treasure of the humble. In countless pots it fills the sunny south window of the sunny housewife. The little country school marm can see it as she gazes across the heads of her plodding scholars out of the school window, and may take heart thereby. Then there is the geranium which thrives and blossoms from its battered tin can

on the window sill of the slum tenement, not only brightening the cell of its owner, but lifting the hearts of dwellers across the air well or alley. What is the spell of this humble plant that makes it so potent to give happiness? Not its foliage, patterned and neat as that is. Perhaps the secret was known to the blind girl who said that, as nearly as she could imagine it, scarlet must be like the note of a bugle.—*Collier's Weekly*.

READING, PA.—Anton Schultheis will build two rose houses this spring.

HARTFORD, CONN. — Edward Lagen, who recently opened a flower shop at Rockville, has opened a new store on Park street, this city.

PROVIDENCE, R. I.—The Rhode Island Horticultural Society and the State Board of Agriculture held a joint meeting, February 16. An illustrated lecture by Professor R. W. Rees, Amherst, Mass., entitled, "Cultivation of Dwarf Fruits," was one of the features of the evening.

CHRYSANTHEMUMS

Working Up Stock For Planting.

Now that the month of February is at hand, the chrysanthemum grower is reminded that it is time to think about working up the chrysanthemum stock for the coming season's planting and to act accordingly by getting the stock plants in shape and making preparations for propagating the young plants. The first thing on the programme is to make sure everything is well with the stock plants, so that they will respond with a generous number of clean, healthy cuttings. Where large quantities of cuttings are needed the usual plan is to plant the stock plants in a bench where they will get all the light possible and can be given such attention as they need as regards watering, airing and temperature. When this plan can be followed out there is no other that will beat it, but every grower has not this available bench space to devote to stock plants, consequently some other method of caring for his stock has to be worked out. Stock plants that have been carried over winter in shallow flats or pots, and are now standing on the bench in a light, airy house, can remain there and the cuttings taken as they are ready from time to time, but if the flats and pots have been carried over along the edges of the walks or under the benches they must be brought to the light and air if first class cuttings and plants is the object in view. The main thing to bear in mind regarding the stock plants is to encourage them in their task of producing cuttings without forcing them in any manner, either by too liberal amount of water or by high close temperature. The plants should be kept in moderately dry condition at the roots; not enough to cause any wilting of the growths, but so that the roots will be active all the time. They are also benefited by occasional syringings when the weather will permit, and a very important part of their care is to keep the insect pest in check by frequently using the nicotine preparations, either by fumigating or spraying.

Chrysanthemums are not overly particular about the propagating house or bench; any place where carnations can be successfully rooted will also do for them, the main consideration is not to allow the cuttings to wilt at any stage of their existence, but aim to keep them firm and plump all the time; excessive wilting can generally be traced to too much draught and should be guarded against by using a muslin shading above the propagating bed on bright days when it is necessary to ventilate the house. The cloth shading can be fitted on wires by rings so that when not in use it can be drawn to one end of the bench—a little figuring out by the man in charge will solve the problem of fitting up the cloth shade according to the conditions of the bench under consideration.

It is yet early to commence propagating the quick growing standard commercial varieties, but it is none too early to begin on the early sorts and many of the short jointed, slow growing varieties such as Ivory, Polly Rose and Virginia Poehlmann. The exhibiton varieties should also be propagated now; early propagation with liberal treatment from start to finish is what gives size and petalage to the big exhibition blooms. Growers who grow for their own retail trade, will do well to try a bench of the early propagating and early planted big fellows—they are a great attraction.

This is the time to buy some of the new varieties to tone up your collection, and many of them now being offered, both for commercial and exhibition purposes, will prove decided acquisitions. Every year many new varieties are offered, both for commercial and exhibition purposes. Last year a long list was disseminated, many of them being good commercial sorts worthy of any grower's attention. Among them we might mention Golden Queen, a fine early yellow; Crystal Gem, a fine early white; Early Frost, another good early white; Antigone, a fine white of grand form; White Chieftain, very popular commercial white; Calumet, a fine, early, light bronze, will sell on sight; Tekonsha, a fine late bronze; Modello, a fine, golden amber, a beautiful flower in every way, and when

making your list do not forget to include some plants of Oconto, an introduction of 1914, early, large, white; was one of the top notch early varieties on the Chicago market in 1915. Try a bench of the newer pompons—Harvest Moon is one of the best yellows for October; Illona is a fine deep pink; Neola is a good, light pink; Lillian Doty is a fine pearl pink; Helen Newberry is the best late white pompon, and when disbudded makes very pretty round blooms. Golden Climax has won its place as the most popular yellow pompon. Golden West is a beauty of the yellow buttons. Golden Harvest, a light bronze, is another popular variety and Western Beauty, lavender pink, is mentioned by a number of growers as the best, late, deep pink pompon. All of the varieties mentioned are worthy of every grower's consideration. C. W. JOHNSON.

Tri-City Florists' Club.

The monthly meeting of the Tri-City Florists' Club was held Tuesday, February 10, at the residence of Wm. Goos, Bettendorf, Iowa. This was one of the best attended, most interesting and enjoyable meetings ever held in the history of the club. The main business of the meeting was the consideration of the reports from the various committees in charge of the arrangements for the forthcoming convention and flower show, of the Illinois Florists' Association, to be held at Turner hall, Moline, Ill., March 7-8.

Satisfactory progress was reported by all of the committees at this meeting. John Staack, Moline, one of the vice-presidents of the Illinois State Florists' Association, volunteered to furnish the orchestra for the banquet, and Ludwig Stapp invited the convention visitors to his place for lunch, March 8. As the convention matters completely over-shadowed everything else at this meeting no reports were made as to the trade conditions in the Tri-Cities. The meeting adjourned after a vote of thanks to Mr. and Mrs. Goos for their whole hearted hospitality to meet in special meeting at Rock Island Turner hall, February 24, at 2:30 p. m. A. A.



GENERAL COMMITTEE OF ARRANGEMENTS, ILLINOIS STATE FLORISTS' ASSOCIATION.

Annual Convention and Exhibition, Moline, March 7-8, 1916. Back Row, Left to Right—John Staack, Ed. R. Patton, D. G. Pearson, Ludwig Stapp, W. C. Wilson. Front Row—Wm. Goos, Wm. Knees, Jr., C. J. Reardon, A. Anderson, Henry Gaethje, Christ. Sorenson, C. O. E. Boehm.

OFFICERS TRI-CITY FLORISTS' CLUB.



Wm. Goos, Corresponding Secretary.



Harry Bills, President.



Wm. Knees, Sr., Treasurer.

THE ROSE.

The Cutting Bench.

Propagating by grafting has of course many advocates, and as we have often stated in these columns, there are soils where it is poor policy to try and produce good stock on its own roots. Then again, where one has a choice of soils, and particularly a good heavy clay soil, nearly all of our leading indoor fancy varieties of roses can be grown to perfection on their own roots. Each method of propagating has its advocates, but we are inclined to believe it is much a matter of soil.

Yet we must have own root stock under any circumstances to take care of our orders for same, and for varieties which for forcing are practically a failure except on own roots. Sunburst, Radiance, American Beauty and Maryland are seldom seen doing well, except where they are being grown on their own roots. There are also others, but these four varieties are the important ones at the present time.

We will now give a few details in reference to propagating roses by cuttings, a subject that surely is familiar to most all growers; a well worn subject one may say, yet a most important one if one lacks experience, and one that requires a great amount of care on the best regulated ranges in order to strike a high percentage of the cuttings and turn out young stock that will in turn build up this branch of the business.

We have described the various methods of building a propagating house, benches, etc., both with the brick bottom and of wooden construction. Of course for durability the concrete wall and brick bottom bench are practically everlasting, yet the first cost is considerable, but the wooden benches, carefully constructed of good material, will give one excellent results and will last for many seasons if properly cared for. And again, on a small place the grower may be forced to arrange a propagating bench almost anywhere the essential thing being to have the bench where it will



Arvid Anderson, Financial Secretary.

be away from all draughts, and one that can be shaded quite handily without casting shade on some other growing plants.

To begin, arrange the bench to hold three inches of sand after it is firmly packed. Have the bench thoroughly clean and then apply a thin coat of hot lime wash, that will penetrate every crack and crevice of the bench. Let the bench become thoroughly dry before placing the sand on it. The sand should be a medium grade of good clean bank sand, free from vegetable matter of any kind. Fill the bench and give the sand a good soaking, then pound it down good and hard; a solid, hardwood block, 6x8 inches square and from 2 to 2½ inches thick, with a handle in the center, makes a good tool to firm the sand, which should be packed as hard as possible. There should be enough bottom heat inclosed to get the sand up to a temperature of 68° to 70°, with an overhead temperature of 58° to 60°. By using dairy thermometers inserted in the sand here and there,

the correct temperature can readily be ascertained.

When taking off the wood for cuttings select only good clean stock, and avoid all ripened up, blind growth. One would hardly reasonably expect to get blooming plants of a high order by propagating blind wood, so select wood if not actually carrying buds, wood that will eventually produce a flower, and also use as much of the short stemmed flowering wood as possible. Remove the wood only as fast as it can be made up into cuttings while it is absolutely fresh. It should be placed on clean paper in a cool shaded house and sprinkled carefully; also sprinkle the cuttings frequently up to the time they are placed in the sand. Use a very sharp knife and make as many cuttings with a heel as possible. The best cuttings are those three eyes in length. Two-eyed cuttings are good, but the extra eyes or eye will really repay one for the extra amounts of wood it will require to get up the stock. Do not over trim the cutting—leave all the foliage, except where it enters the sand, and the tips of the leaves, which are only trimmed to avoid taking up room in the bed. The stems of the cuttings should be inserted down about two inches in the sand. Have a strip 2½ inches wide, ¼ of an inch thick and cut to fit inside the bed crosswise. It should be placed smoothly and perfectly straight. This will answer a double purpose, first in laying off the rows and forming a tamping stick at the same time.

Open up the row, using an old table knife broken off at a length that will reach to a depth of about two inches in the sand. Insert the cuttings from one inch to one and one-half inches in the row, according to the size of the cuttings. After filling the row, bring the stick up snugly against the cuttings, and with a short handled hammer tap the stick throughout its length, which will pack the sand firmly around the cuttings. Some prefer to use the finger tips to pack the sand, but the stick, when one becomes accustomed to its use, is perhaps the easiest and quickest method. Give the cuttings a good soaking with water

that has been tempered, and be sure to use water that is tempered to correspond with the temperature of the sand when watering at any time. The cuttings (if good sharp sand is used) will require watering every day probably if clear and must be sprinkled at least over head on clear days. A light shading should be used for about three weeks. This can be made of muslin or light cotton cloth, tacked on light frames and supported at least a foot above the cuttings or an arrangement of cloth can be put on wires over-head that can be drawn up out of the way when not in use. The former method of shading will be found the better of the two, as the covered frames can be used for other purposes, or if packed away carefully, they will last for several years. Do not crowd the cuttings by having the foliage overlapping too much; space them so there will be rather a free circulation of air between the rows. The cuttings will (under favorable conditions) root within 24 days. When the roots have attained a length of $\frac{1}{2}$ to $\frac{3}{4}$ of an inch pot at once.

When taking cuttings of American Beauty select some of the long canes or runners that one seldom has any trouble finding on the plant at this season. All of this wood is blooming wood, but do not use every eye. Make cuttings of two eyes and select the medium ripe wood in the center of the canes; that is, do not go too near the hard wood at the base of the cane or approach too near to the soft tips. In this way a uniform ripeness of the wood is secured and the result will be a more or less even strike in the sand. After about 15 days the cuttings can be allowed a little of the morning and afternoon sun, increasing the amount gradually while the cuttings are removed for potting. E.

New Roses.

Address of E. G. Hill, Richmond, Ind., before the Chicago Florists' Club, February 10, 1916.

It would have been better could you have prevailed upon one of your local members to perform this service, for surely where rose growing occupies so large a field as at Chicago, opportunity to write up new roses from observation and information certainly obtains over that given to one distant from the great centers.

To go back to the introduction of Sunburst, and consider the qualities, good and bad, of those introduced since the advent of this famous yellow rose is, I take it, what you have in mind. Quite a number of varieties believed to have forcing possibilities have appeared during this time; some have made good, others are succeeding in some places, while failing in other localities. A case in point is the celebrated Mrs. Chas. Russell. This rose has made good, if we may credit all that is said about it by the Chicago growers; in fact, growers distant from Chicago are succeeding admirably with it, while on the other hand, failure has attended the growing of this rose by some very up-to-date and experienced growers, and with a goodly number has disappointment followed their best efforts. A recent visit south was instructive and of great interest as pertains to Mrs. Chas. Russell; it was, in the great majority of the places in the south, doing remarkably well, and thriving amazingly in a few places. It occurred to your speaker that the rose likes abundant sunshine and considerable heat to do its best, but your club members are better able to dis-

cuss this point than myself. This rose has great merit and is well liked by those who appreciate a long stemmed variety that possesses good keeping qualities. Those two qualities certainly give it standing with critical rose buyers. The Waban Rose Conservatories are sending out two sports from Mrs. Russell, which most of you have had opportunity to inspect and criticize. These two varieties, Mrs. Bayard Thayer and Dark Pink Russell, should certainly commend themselves to all who do Russell well. The last named, maintaining as it does, its fine rich color, should make it a dangerous rival of its parent. Mrs. Thayer certainly will be in demand, and I predict a goodly number will be grown in the near future.

Jonkherr J. L. Mock is a variety with an uncertain future—it certainly is a most magnificent rose in the spring time, when there is sufficient sun heat to open its buds. I thought the vase of this rose staged at the New York show in 1914 by Robert Simpson was the handsomest vase of roses ever staged. As a spring and summer rose it should find a place, but it gives too many deformed buds in dark weather to be profitable.

There have been many entries in the red rose class, all trying to oust Richmond, but they are having a hard time of it. Milady, as grown by a very few, would seem desirable, but it has its faults, and with your speaker it has not behaved satisfactorily. W. J. Keimel and Adolph Poehlmann seem to be able to get results. I think Mr. Keimel was undecided some time ago whether or not to go on with the variety, but this gentleman finally said: "I will continue to grow it until I find a better red."

Prince E. C. de Arenberg is unsatisfactory in many ways; it opens wide immediately on exposure to the heat of a room; it is a fine, strong grower, but the size of the bud does not measure up with its fine foliage and heavy stem.

well done. It certainly is fine when grown as it is done in its home town—nothing could be more desirable in a red rose if it were productive enough; its great fault is the unusual amount of blind wood produced, especially in winter. I fear this rose will not hold place for the reason just mentioned.

Hoosier Beauty, as grown for two years at Richmond, Ind., has fully sustained the claims made by the Downers; in fact, visitors who have noted its behavior throughout the winter with us, have only words of praise for the variety. We have had most gratifying results from the 10,000 plants grown by our firm the present season. It has its faults like every other variety, but its virtues offset any tendency to weakness of stem in the short growths of the variety. Unlike Hadley, it does not produce any blind wood. It is fine in color and is a wonderful keeper and shipper. I understand failure has attended the growing of this rose by some of your large growers hereabouts, but further experience I think will put the variety in the front row of forcing reds. Too heavy feed and too much heat are the two things that have caused disappointment. It is a wonderful hot weather rose.

One of the roses most criticized has been Killarney Brilliant. This rose, for some reason or other, did not move off in growth the first season after dissemination; up to December we thought the variety totally lacking in vigor, but after that time and up to the present, its growth and flowering qualities are all that could be desired—certainly its fine color commends it to all, for it does not have the faults of its parent as regards color. I cheerfully commend Killarney Brilliant to all who want an improved Killarney.

Lady Alice Stanley is a beautiful two-toned pink rose and is esteemed by rose fanciers. This is a high class variety and will always bring a good price



CHARLES DEERS WIMAN'S GREENHOUSES AT "OVERLOOK," MOLINE, ILL.

(Arvid Anderson, Gardener.)

A few more petals, and a little more scarlet in its color scheme, would have put Crimson Queen in the front rank as a forcing variety.

Francis Scott Key is liked by a few, but I predict its speedy eclipse as a forcing rose.

Hadley is a rose that has had extensive trial and is a grand variety when

in the retail shops. It has fine foliage and is free from any tendency to weakness of growth. We shall grow an increased quantity the coming season.

Killarney Queen has had a meteoric existence and is grown in limited quantities only; setting two or three plants together is urged, a few claiming when so planted that it gives a profitable cut.

There have been other sports of Killarney, viz.: Dark Red and the Double Killarney, but these two sorts have been dropped almost entirely.

Double White Killarney has a place and is considered by a great many growers to be a decided acquisition in a white forcing rose. It is certainly superior in summer to the old White Killarney in its keeping qualities.

Madame P. Euler is finding favor with a great many growers on the Pacific slope, and under the bright sunshine

and is deservedly popular with all who love a fine bud and a beautiful rose, but it has a tendency to mildew without provocation under seemingly good culture. It is a rose requiring careful handling of the ventilators.

Chas. H. Totty offers Gorgeous and Cleveland, two of the Hugh Dickson productions. These are being put out with the endorsement of Mr. Totty, which certainly is warrant for their introduction.

A. N. Pierson is sending out a Red

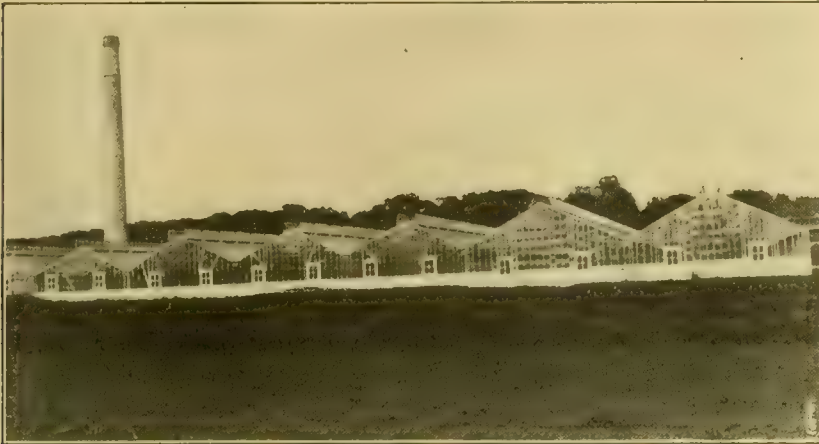
You all know about Champ Weiland and you who are here can speak, for I have not seen it.

It is interesting to note the changing conditions in business; in fact, in all lines of trade, and our particular line is no exception to the rule. The rose will always have first place in our calling, and it is well that we, as growers of roses, are catching on to the fact that novelty is one of the potent factors in roses as well as in ribbons, silks and the trimming for the ladies' hats. When in Lyons, France, in 1913, I had opportunity, through the courtesy of a friend, to get an insight into the silk business. I found that hundreds of persons were employed in the designing and pattern rooms of the great establishments. Effort was made to get new designs and new combinations in color schemes—novelty was the one thing aimed at. If change, novelty and patterns were so important in silk goods, why are they not equally important in the rose? Men should attempt to give originality to our business by catering to this unquenchable thirst for something new and distinct. We have in the past been supinely indifferent to this phase of our business, but a new era has dawned, and this means good and not ill, for our business. Rose growers are at work in more earnest effort than ever to meet this new feature of our trade.

We are certainly indebted to Alex. Montgomery, John Cook, the Dicksons, but especially to Pernet Ducher, for what they have done in the way of giving us new varieties of roses. We hear of efforts being made along this line in various parts of our country, and this augurs well for the future of the rose and rose growers.

Chicago Novelty Show.

New things in plants and flowers attracted much attention at the February meeting of the Chicago Florists' Club, held in one of the large assembly rooms of the Hotel Morrison, February 10. There was a good display of novelties and the members showed much interest in them. Carnations and roses, as usual, were most numerous, but the new colored freesias exhibited by Alois Frey of Crown Point, Ind., and well displayed by George Wienhoeber, attracted most attention. Another exhibit on which there was con-



LUDWIG STAPP'S RANGE, ROCK ISLAND, ILL.

and climatic conditions of California it will make a large place for itself. Our firm was the first to test and try out this rose after its introduction; we found a small percentage perfected themselves, but the major portion were bull-headed, as the growers use the term. If it succeeds in the eastern part of the United States, I shall be pleased to know it, for it is a beautiful rose when nicely developed.

Lady Hillingdon has gone by the board, so to speak; a few are still growing it, but its tendency to fly open and its lack of petals, have been the determining factors in its non-use.

If a fine corsage and bowl rose is desired I can commend Tipperary as filling the bill. This rose is free in its production of bloom, and is greatly esteemed by our two stores, many preferring it to Mrs. Aaron Ward.

Ophelia—Certainly this magnificent variety deserves all the praise bestowed upon it; a seedling of Antoine Revoire x Taft, having all the good qualities of its parent, without any of its faults. Surely this rose comes nearer being the ideal cut flower forcing rose, measuring up to Killarney in its productiveness, but without its tendency to mildew. As one noted rose grower puts it: "The finest and most useful of all roses." One noted grower said: "What we want is a pink, a red and a white Ophelia, then surely the rose millennium will have come." At Richmond, we have selected out of 2,200 seedlings flowered this present season, some 20 or more to test further. In a cross between Ophelia and Mrs. Geo. Sawyer we seem to have found the good growing qualities of Ophelia with the fine shape and coloring of Sawyer. I might tell you of other seedlings, but if nothing unforeseen happens, we hope to be able to exhibit the coming fall some of the results of patient, careful cross breeding.

Mrs. Geo. Sawyer, with many, is considered the finest of all pink roses,

Radiance; also a deeper colored sport from My Maryland. These should be valuable additions for summer cut blooms.

Tip-top is a charmingly colored little gem of a rose in the way of a Polyantha. Nothing imaginable can be more beautiful than the color scheme of this little rose—a corsage made of this little beauty captivates the most fastidious. This variety has only one defect; it lacks stiffness of stem, but as all corsage roses are wired this does not militate against its usefulness.

The Hugh Dickson rose, winner of the \$1,000 prize at the Panama-Pacific exposition, is a rich, pure yellow, with extremely long petals and a shapely bud. If it has sufficient petalage, it has all the ear-marks of a great rose for forcing. It certainly made a deep impression upon my mind.



J. W. BETTENDORF'S GREENHOUSE, BETTENDORF, IA.

(P. G. Pearson, Gardener.)

siderable favorable comment was that of *Primula malacoides rubra* from Fred H. Lemon & Co., Richmond, Ind., which received a certificate of merit. Some handsome spikes of the new *Canna Firebird* from Vaughan's Greenhouses, Western Springs, loomed up conspicuously. The other exhibits were as follows: Bassett & Washburn, Belle Washburn carnation; J. D. Thompson Carnation Co., Joliet, Aviator and Superb carnations; E. G. Hill Co., Richmond, Ind., Tipperary and Hoosier Beauty roses and Alice Coombs carnations; Waban Rose Conservatories, Natick, Mass., Mrs. Bayard Thayer and Dark Russell roses; F. Dorner & Sons Co., Lafayette, Ind., Nancy, Rosalia, Old Gold and No. 125-11 carnations; Baur & Steinkamp, Indianapolis, Ind., Merry Christmas and Pollyana carnations; Mt. Greenwood Cemetery Association, Morgan Park, No. 39.12A and No. 1.12B carnations; C. C. Pollworth Co., Milwaukee, Wis., Alice carnations; W. H. Amling, Maywood, Purity freesias; Ernest Rober, Wilmette, cyclamens; George Weiland, Evanston, Fireflame roses; M. C. Gunterberg, violets; Henry Symonds, Decorah, Ia., new seedling carnation No. 2124; John D. Then, new seedling carnation No. 3010; Kircht Bros., Morton Grove, new unnamed seedling carnation; Floricultural Department, University of Illinois, Urbana, pink seedling carnation No. 1(12); A. H. Schneider, Oak Park, begonias, primulas and cyclamens; Carnation Red Wing from Wm. A. Dawson, Willimantic, Conn., arrived too late to be staged. The new carnations exhibited were scored as follows: Pollyana, 85; Merry Christmas, 89; No. 1-12, 89; Old Gold, 80; Rosalia, 87; Nancy, 87; No. 125 (11), 88; Superb, 81 points.

At the business meeting the principal feature was the able address on new roses by E. G. Hill, of Richmond, Ind., printed herein. Other speakers included Prof. H. B. Dorner, Urbana; A. F. J. Baur, Indianapolis, Ind.; S. S. Skidelsky, Philadelphia, Pa.; Wm. Graham, Fred Lemon, Richmond, Ind.; W. A. Manda, South Orange, N. J., and C. C. Pollworth, Milwaukee, Wis.

The following were nominated for membership: A. F. J. Baur, Indianapolis, Ind.; Wm. Graham, 84 East Jackson boulevard; W. A. Manda, South Orange, N. J.; Peter Schaefer, 36 South Wabash avenue, and D. D. P. Roy, 168 North Michigan avenue.

The transportation committee announced the selection of the Rock Island railroad for the State Florists' convention trip to Moline March 7 and

the Pennsylvania railroad for the National Flower Show trip to Philadelphia March 25 and the arrangements as announced elsewhere in this issue were confirmed.

New York Florists' Club.

The florists' club met in its rooms in the Grand Opera House building February 14, President Weston in the chair. Vice-president Geo. E. M. Stumpp, who was unable to attend the January meeting, was present and was duly inaugurated. Notwithstanding the zero weather, there was a good attendance. A. L. Miller reported on "New York day" at the National Flower Show, Philadelphia. The party will travel over the Pennsylvania R. R. March 28. The one way fare, including dinner and admission to the show, will be \$3.25. A more detailed report will be found elsewhere, or published later. Neighboring horticultural societies are invited to make the trip with the New York party.

Secretary Young reported fine prospects for a successful New York show. Arthur Herrington, who will superintend the New York show, was present and addressed the meeting. He expects large and varied exhibits. The group arrangements will be larger and finer than in previous years. He requests all entries to be in not later than March 20, for groups, and March 31 for other classes. Secretary Young read a comprehensive report.

It was decided to have a banquet, on a date and at a place to be hereafter decided, at \$5 per plate. Thomas S. De Forest was appointed chairman of the dinner committee to fill the vacancy caused by the declination of Charles Weathered. The "annual outing" of the club, which figuratively speaking, has been something of a frost for the past two years, will be omitted this year. Alfred Kottmiller, a new member, was introduced to the club.

J. H. Pepper read a paper, the subject being: "Has the Carnation Reached Its Zenith?" This started quite a lively discussion in which A. J. Guttman, Vice-president Stumpp, Walter F. Sheridan, John G. Essler, and Roman J. Irwin took part. We expect to make more extended reference to this subject at a future date. Alex. Guttman, who attended the St. Louis convention and show, thought that the carnation had not reached its zenith. He believes that the quality and production will continue to improve, and that the stock keeps better than in former years. Mr. Stumpp does not agree with that proposition, and contends that much of the stock goes to sleep too soon after it reaches the retailer and the ultimate consumer. As the discussion did not settle anything, we think it might be instructive for growers and dealers in other parts of the country to come forward with their

views. The March meeting will be "rose night."

Appropriate resolutions were read and adopted on the death of Dr. Marshall, a brother of former Vice-president Marshall. The total number of members of the club on January 1, 1916, was reported as 441.

The following names were proposed for membership: Chas. P. Dudley, "Brookdale," Madison, N. J.; Henry N. Thomas, 112 West 28th street, New York; D. C. Arnold, 112 West 28th street, New York.

EXHIBITS.

There was a very fine exhibit of carnations, particularly noteworthy being those of the Cottage Gardens Co., Queens, N. Y.; F. Dorner & Sons Co., Lafayette, Ind., and Henry Weston, Hempstead, N. Y. The F. Dorner & Sons Co., by Roman J. Irvin, exhibited Laddie, a new pink carnation for 1918, a seedling of Pink Delight. As exhibited, it is a very fine production and scored 86 points; also Rosalia, new scarlet for 1917 which scored 85 points. Nancy, new flesh pink for 1916, and Old Gold, new variegated for 1917, were also exhibited but the committee desires to see the two latter under more favorable conditions.

A. N. Pierson, Inc., Cromwell, Conn., exhibited the new crimson carnation Arawanna, which scored 85 points. Also Carnation Alice, which received a vote of thanks. John F. Marsden, Far Rockaway, N. Y., exhibited a deep pink seedling named Fowler Marsden, which was highly commended. William A. Dawson, Willimantic, Conn., exhibited his new carnation, Red Wing, which scored 85 points.

Cottage Gardens Co., Inc., Queens, N. Y., exhibited pink carnation Cottage Maid, which was awarded 86 points; also Crystal White, 85 points. Peter Beuerlein, Elmhurst, N. Y., for a pink sport of Enchantress, was given a vote of thanks. Chas. Weber, Lynbrook, N. Y., for pink carnation, Laura Weber, received a vote of thanks. P. W. Popp, Mamaroneck, N. Y., received a vote of thanks for a vase of Roman hyacinths.

Henry Weston, Hempstead, N. Y., exhibited a new variegated carnation, Mrs. J. H. Pepper, which scored 85 points; also Carnation Alma Gluck, which was awarded 85 points and a cultural certificate.

Chairman Hildenbrand, of the house committee, and his active assistants, had a good supply of eats and liquids to wash them down. A. F. F.

Holm & Olson's Carnival Marching Club.

The accompanying illustration shows the uniformed marching club of Holm & Olson, well-known florists of St. Paul, Minn., as it appeared at the winter sports carnival in that city, January 27-February 5. Parades were



HOLM & OLSON'S CARNIVAL MARCHING CLUB, ST. PAUL, MINN.

held daily and all prominent business houses were represented by marching clubs in uniform. Handsomely decorated floats were also a feature. One afternoon, the pageant represented 20,000 uniformed marchers. The carnival was a revival of the Ice Palace carnival held in St. Paul about 30 years ago, and proved such a success that it will be a yearly event.

"Park Vandals."

The phrase "park vandals" is familiar to newspaper readers, said vandals, as a rule, being the people who steal plants, break and damage trees, and commit similar depredations. Nobody, however, so far as we are aware, has ever imputed to the ordinary park vandal, the motive of stealing or ruining a whole park. The common run of park vandals are amateurs and imitators. It has frequently been established that there are people who would scorn to steal from an individual, that seem to think it quite proper to "take" anything that they can get away with that belongs to all the people. Thus, no sooner is one scheme nipped in the bud, to grab a section of a New York park, than another crops up. One of the old schemes for defacing parks in New York and elsewhere, was by erecting so-called "monuments" to somebody or other, and the practice yet prevails. It has frequently happened that a number of beautiful trees have been destroyed to make room for a grotesque monument that looks like nothing on or in the earth, or in the waters under the earth.

In writing this we do not imply that there are no artistic monuments in this country, for there are a few, that have been erected to worthy men, but over many others, let us draw a veil. But, the up-to-date park violator of New York is far too ambitious to be satisfied with mere monuments. He wants pumping stations, amphitheatres and stadiums to be erected or paved with brick, stone or concrete, as the case may be. Nobody, so far as we are aware, has yet proposed a rifle-range for Central Park, but such a proposal would not be surprising, in view of other schemes. The conservative New York Times had the following editorial comment on February 9:

The very day that the restraining order of Park Commissioner Ward raised the hope that the engineers of the board of water supply would desist from their efforts to spoil the beauty of Morningside park saw the revival under formidable auspices of an old plan to cut Central park in half somewhere above Eightieth street by converting the bed of the southern reservoir, soon to be abandoned, into a plaza of concrete with an amphitheatre for open-air pageants, connected with Fifth avenue and Central Park West by broad roadways. The present sponsor of this scheme is Professor Henry Fairfield Osborn, naturalist, geologist and paleontologist, president of the American Museum of Natural History and a leading authority on the stone age and the manners of customs of the Cro-Magnons, our ancestors, whose rule in life was to help themselves to what they wanted. It is an indisputable fact that the most dangerous plans of park encroachment have powerful and eminently respectable advocates.

There are always two sides to a question and the following from the New York Globe is the other side. Very much depends on the answer to the question, "What Is a Park?" There are many who believe that the beauty of fine trees, shrubs and flowers and a rich carpet grass, go far toward making a beautiful park. If the bars are let down for all sorts of events that would draw great crowds, the horticultural features would surely suffer.

Recently Percy MacKaye and his associates of the Shakespeare celebration committee came under condemnation because they requested the temporary use of the sheep meadow of Central park as a place for holding a community mask.

They were fallen upon and routed as persons who proposed to put profane feet on sacred ground. They were attacked as marauders who would seize and destroy a precious heritage of the people.

Now Henry Fairfield Osborn, who is devoting life and fortune to building up in New York the greatest natural history museum, is castigated as an enemy of the public because in his annual report he raises the question of the desirability of using the park ground soon to be released by the vacation of the south Croton reservoir to provide a central court or plaza for artistic, musical, and recreational undertakings which are now impossible in New York because of lack of site. The faction that is not able to see that a park is a human institution maintained to meet human needs is in full cry against Dr. Osborn. Soulders of the tocsin say: "Behold, another infamous person seeks to invade Central park! Rise and repel him!"

Conventionality when linked with the special interest of a class is able to maintain a strong defensive and to obstruct and prevent



The Late Donald Matheson.

progress. Central park has many miles of bridle paths, subtracting a large number of acres from common use, where a few persons are able to get the exercise they prefer. It has driveways whereon the rich can roll for their airings. It has tennis grounds where the flannelled may hammer the turf with heavy tread. It has a menagerie with iron palings. It has restaurants and road houses. It has a museum and art gallery devoted to the display of the works of the past. It has fields whereto the nursemaids are welcome to bring their charges. These are right because they are familiar and because they suit the wishes of persons who live near the park and are controlled by the notion that the park in some way is their private property.

But to hold a mask in the meadow, even though bond is given to leave the herbage better than it was found; to make a place where thousands may gather for the enjoyment of good music; or to build an art gallery dedicated to the art of the living present as the Metropolitan is devoted to the art of the dead past—these things are unfamiliar and might bring large numbers of intruders to the park in ways distasteful to the adjacent population. So, away with them!

If New York during the lives of those living is to have an outdoor meeting place for the pleasure of its millions it must find a site in Central park. If the ten thousand art creators of New York are to have a chance to display their work in friendly competition before the public the site, in all probability, must be in Central park. To get the light and room necessary in a central location is prohibitive in cost. The public must thus choose. If Central park cannot be used for legitimate park purposes as such purposes are understood in other civilized communities, then New York must do without many desirable things. The question at issue is on which side lies the balance of social advantage. The answer to be given depends on the answer to be given to the interrogatory, "What is a park?" If it is for the few, then great limitation should be placed on its use. If for the many, then a more liberal policy is to be followed. Little doubt is to be entertained of the ultimate answer. It will be that Central park has room enough to provide space for cultural activities and institutions which can find a home under the practicalities of the city's life nowhere else.

OBITUARY.

The Late Donald Matheson.

Donald Matheson, whose death was recorded in our obituary column last week, was born in Rosshire, Scotland, 72 years ago. He came to the United States in 1870, and shortly after his arrival, entered the employ of the late William Walter Phelps, whose extensive estate at Teaneck, N. J., he developed, his connection there extending over a period of 46 years, during which time he designed more than 35 miles of private drives and planted more than 1,000,000 trees, which stand as a lasting monument to his memory.

Mr. Matheson was one of the old school gardeners rarely met with in present days, and he will be missed by many of the craft whose good fortune it was to know him. He belonged to Tuscan lodge, F. and A. M., and was one of its oldest members, having joined 33 years ago. His funeral was held at Teaneck, February 6, and was attended by many of his old friends. The high esteem in which he was held was shown by the many beautiful floral offerings. He is survived by a widow and one son, John J. Matheson. W. W. H.

John B. Weeks.

John B. Weeks, who will be remembered by many old time florists and seedsmen as one of the veterans in the trade, died at his home in Irving Park, Chicago, February 9, aged 84 years. He was a native of Surrey, England, and came to the United States when 17 years of age. He remained in the east about two years, and in 1852 came to Chicago. During the 15 years that followed he was in the employ of Edgar Sanders, George Wittbold and A. Williams. Later he was connected with Vaughan's Seed Store, E. H. Hunt and James King. He was married in 1869 to Miss Flora M. Hilton. Surviving him are three brothers, two residing in the United States and one in England; also, one grandchild.

George F. Sloan.

George F. Sloan, for many years identified with the printing department of THE AMERICAN FLORIST and in recent years foreman of the composing room, died of kidney trouble at his home, 740 Woodbine avenue, Oak Park, Ill., February 15, age 52 years. He had been in ill health for some time, but remained at his post until a few days before his death. Mr. Sloan was a good printer, a conscientious workman and a loyal employee. The remains were taken to his native place, Bolivar, Tenn., for interment in the family lot.

JACKSON, MICH.—The establishment of H. M. Burt, was seriously damaged by fire January 27.

BELMAR, N. J.—Fred Hansen has purchased one house 20 by 120 feet and three acres of land on Eighteenth avenue.

WEST HOBOKEN, N. J.—Another flower shop will be opened at 230 Summit avenue, by Geo. W. Goldner, proprietor of The Rosery.

OLEAN, N. Y.—Charles L. Ordway, who conducted a store at Hornell, N. Y., for more than 10 years, will open a flower shop in this city, now his home.

JACKSON, MICH.—Henry M. Burt, whose flower shop was damaged by fire to the extent of \$2,000, January 26, has opened another store at 108 Francis street.

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From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE price for dyeing raffia has increased from 12 cents per pound to 40 cents per pound.

THE American Steel and Wire Co. has sent out notices of an advance of \$2 a ton on all classes of wire products. Wire prices are now higher than at any time since organization of United States Steel corporation in 1901.

Non-Warranty.

An eastern wholesale plant house issues the following non-warranty as indicating they decline to guarantee the success of the grower: "We aim to give the best possible service and to ship stock that will be up to our high standard of excellence. We endeavor to keep varieties true to name, but do not guarantee this, nor do we in any way guarantee the success of the grower purchasing the stock offered in this catalogue."

JOBBERs in tinfoil are asking \$9 per 100 pounds, owing to the advance in price of lead.

SECRETARY JOHN YOUNG of the Society of American Florists is mailing members of that organization copies of the report of the thirty-first annual convention, held at San Francisco, Calif., August 17-19, 1915, a well arranged book of 364 pages, nearly a page for every day in the year.

Plant Quarantine Would Bar Azaleas.

At the recent meeting of the American Association of Official Horticultural Inspectors, held at Columbus, O., one of the participants is reported as offering a resolution requiring that "an absolute quarantine be placed on all plants imported with soil about the roots, except such as are introduced by the United States department of agriculture for experiment and those to be held in quarantine for a reasonable period."

It is further reported that this resolution was adopted by the above organization and that copies of the resolution were forwarded to the Federal Horticultural Board, Washington, D. C. The enforcement of such a regulation would practically prohibit the importation of many kinds of florists' stock, such as palms, azaleas, bay trees, etc., also an extensive line of nursery stock. If this kind of prohibition, designed by inexperienced men who probably mean well, is not curbed it will be necessary soon to consider the advisability of cutting off all our communication with the commercial world except that which may be conducted by telephone or telegraph.

American Rose Society.

The American Rose Society expects to have an exceptionally large display at the national flower show in Philadelphia, March 25-April 2. The prize list is growing since the publication of 42 special prizes. Besides the regulars, we have received prizes from the following:

Malcolm Franklin, Philadelphia, Pa., \$25.00; Wm. L. Rock Flower Co., Kansas City, \$10.00; Henry Penn, Boston, Mass., \$10.00; Mann & Brown, Richmond, Va., \$10.00.

George E. Campbell, Erdenheim, P. O., Pa., has been appointed and has accepted the important office of manager of the rose exhibits. Entry blanks will be ready in a few days. A list of judges, comprising men of the first class, have been named to fill the various positions. Up to this writing the following have accepted: Philip Breitmeyer, Detroit, Mich.; Frank H. Traendly, New York; Wm. J. Palmer, Buffalo, N. Y.; Eugene Dailedouze, Flatbush, Brooklyn, N. Y.

The rose garden, for which prizes are offered of \$500 for first, \$400 for second and \$300 for third, will make a most interesting display and appears now to be an assured successful feature of the exhibition.

The annual bulletin is now in press and it copies in a great measure the general character of the annual as issued by the National Rose Society of England. It will contain various illustrations and is edited by J. Horace McFarland Co., of Harrisburg, Pa. We have more paid subscriptions for the year to date than usual.

BENJAMIN HAMMOND, Sec'y.

Chicago to Moline.

ILLINOIS STATE FLORISTS' CONVENTION.

At the February meeting of the Chicago Florists' Club the Rock Island Railroad was selected as the route to the annual convention and exhibition of the Illinois State Florists' Association, to be held at Moline, March 7-8, the club members leaving the Rock Island station, LaSalle and Van Buren streets, Chicago, on Train No. 7, Tuesday, March 7, the first day of the meeting, at 10:00 a. m., due at Moline 1:53 p. m., the opening business session being called for 2:00 p. m. that day. The one-way fare is \$3.58. There are no party or other special rates on this trip.

Other Rock Island trains for those who can not leave on the club train are as follows: Leave Chicago 3:45 p. m., due Moline 8:15 p. m. Leave Chicago 6:00 p. m., due Moline 10:03 p. m. Leave Chicago 1:30 a. m., due Moline 5:55 a. m. Lower berths are \$1.50, upper berths, \$1.25.

Some inconvenience may be avoided by securing round-trip tickets of W. D. McFarland, Passenger Agent, Rock Island Railroad office, 50 West Adams street, corner Dearborn and Adams streets. Mr. McFarland will reserve seats for those who secure their tickets in advance.

MICHAEL BARKER,
Chairman Transportation Committee.

New York Day at Philadelphia Show.

TUESDAY, MARCH 28.

The New York Florists' Club New York day committee is pleased to advise members of the club that arrangements have been made for a party of members, their ladies and guests, to travel on special trains to Philadelphia, Tuesday, March 28, which has been set aside as New York day at the national show. The party will travel over the Pennsylvania Railroad, leaving Pennsylvania Terminal, Thirty-third street and Seventh avenue, some time during the morning of March 28, arriving in Philadelphia two hours later and dining together before going to Convention hall. The committee is arranging for the trip going, dinner and admission to the hall, all of which will be covered by a charge of \$3.25. Return may be made singly or in groups of ten, at the option of the travelers. Further notice will be sent later and a return postcard enclosed, and it is most important that these postcards be filled out and returned at once, advising that you intend to join the party.

It is expected that fully 300 or 400 will make the journey together, and the prospects are that it will be a very enjoyable and sociable trip. You will want to see the Philadelphia show, and you will want to travel in good company. Make up your mind to go on New York day, March 28, with the New York Florists' Club party.

C. H. TOTTY,
F. H. TRAENDLY,
JOS. MANDA,
W. H. DUCKHAM,
A. L. MILLER,
Chairman,

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any dates that may have been altered since the last address.]

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Montreal, Que., February 21, 8 p. m.—Montreal Gardeners' and Florists' Club, 140 Mansfield street. W. H. Horobin, secretary, 253 Marquette street, Montreal.

Newport, R. I., February 22, 8 p. m.—Newport Horticultural Society, Music hall, Thames street. William Gray, secretary, Bellevue avenue, Newport.

Hartford, Conn., February 25, 8 p. m.—Connecticut Horticultural Society, County building, Trumbull street. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.****For Plant Ads., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial: lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can come at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—By February 25. Gardener florist, 33, married, two children, hard working. First-class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 595, care American Florist.

Help Wanted—Good grower of roses and pot plants. A. SUNDERBRUCH'S SONS, 232 W. 4th St., Cincinnati, O.

Help Wanted—Experienced florist capable of taking charge of greenhouse and care of grounds; private sanitarium. OXFORD RETREAT, Oxford, Ohio.

Help Wanted—Good all around man as helper in commercial place near Chicago. Good salary to start. State full particulars in first letter. Address Key XXX, care American Florist.

Help Wanted—Any old experienced gardener, understanding the growing of carnations, pot plants, etc., wishing a good home communicate with HARVARD GREENHOUSE, Harvard, Ill.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M. College, Stillwater, Okla. Salary to begin \$50.00 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to SUPERINTENDENT OF GROUNDS, A. & M. College, Stillwater, Okla.

For Rent—Building containing well equipped retail store and seven living rooms for \$75.00 per month, good neighborhood and business established fifteen years. Address JOHN STOKES, 413 Gates Ave., Brooklyn, N. Y.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter. Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner, 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants Ask for full particulars. LOUIS SCHELLHAAS, Miamisburg, O.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs, for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—Retail florist business in Chicago, in high class location, established over five years. A well paying business with a well established trade. Owner going in wholesale business. A florist with \$1500 cash will get a bargain. Key 601, care American Florist.

Help Wanted.

Foreman and assistant for greenhouses on a private place at once. When writing send references and state salary required. Address Key 606, care American Florist.

Help Wanted—Landscape man. Energetic foreman for nursery concern in Chicago. Man capable of handling small as well as large plantings from plans. This is a year round position for the right man. Address Key 604, care American Florist.

HELP WANTED

First-class vegetable gardener, one who has knowledge of greenhouse, hotbed and flower borders. Apply

Box 248, Lake Forest, Illinois.

Help Wanted.

Two young single gardeners, one for formal garden and one for vegetable garden, wanted at once \$60.00 per month. Only first-class men need apply.

HAVENWOOD, Lake Forest, Ill.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Chicago Loop Store For Rent.

\$150.00 Per Month.

Store is 16x28 feet and is located in the Stratford Hotel, 83 East Jackson Boulevard, near Michigan Ave., and is considered one of the best locations in the city for a retail store. Store is splendidly decorated and well equipped with mirrors. Will rent until May 1, 1916, and probably a longer lease can be secured later. Immediate possession. For further particulars apply to

H. G. TURNER, Room 1315, 5 South Wabash Ave., Chicago, Ill.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

Boston:**ROSES STRONGEST SELLERS.**

During the past week business was rather quiet with the exception of roses, which still remain rather scarce, and consequently high priced. There is a good demand for the short stemmed grades, although the larger flowers sell very well and bring top notch prices. Carnations sell at from \$1.50 to \$3 per 100, according to quality. Matchless, Pink Delight and Ward are the best sellers, although there was a good demand for scarlet for St. Valentine's day trade. Violets sold through the week for 45 cents to 60 cents per 100 and on Monday, February 14, brought from 60 cents to 75 cents per 100. There was an ample supply; in fact, they held up well considering the large supply. There was a large supply of myosotis during the latter part of the week, but prices did not come up to those of last year, many flowers finding no market whatever. Bulbous flowers are plentiful and prices are rather poor on the average line of stock. Golden Spurs bring from \$1 to \$2.50 per 100. Yellow marguerites are very scarce and sell readily at \$2 and \$3 per 100, some of the largest and longest stemmed flowers bringing \$4. The supply of Asparagus Sprengeri and plumosus remains short and cleans up readily each day.

NOTES.

F. L. Wheeler, of Natick, Mass., has the sympathy of many friends in the death of his father and mother-in-law last week.

Stephen Quinn, of Brookline, has filed a petition in bankruptcy; liabilities \$43,000, and assets \$4,000.

C. Johnson will build a new house in the spring, 48 by 200 feet. The work will be done by local builders. W.

Los Angeles.**SUNSHINE BRINGS IMPROVEMENT.**

Market conditions have improved now that the sun is shining again. Shipments are being made and business is normal. There is still a scarcity of roses and this will continue for a time. Violets are the most plentiful of any stock at present. Bulbous stock is also in good supply.

NOTES.

Paul J. Howard, landscape architect, is showing a rare line of plants at his establishment on West Seventh street. Besides the usual varieties, he has Araucaria eleganta, Thuya obtuse and Juniper prostrata, in addition to many other fine specimens, many of which are displayed in Japanese ware.

Among the wholesalers, S. Murata & Co. are probably doing as much long distance shipping as any firm on the coast. Their shipping book shows orders for New Orleans, points in Illinois, Michigan, Montana, Utah and cities in almost every eastern state.

The Redondo Floral Co., now located at 218 West Seventh street, has a novel guessing contest. A large heart of red chenille is shown, the object being to guess the number of inches of chenille used in the making. Three prizes are offered.

Wright's Flower Shop has been showing some superb American Beauties, but they would not let out the secret as to where they were grown. They also had fine Chateaus, and a special exhibit of orchids.

The California Florists, formerly at 702 West Seventh street, have removed to 716 South Grand avenue, where they are showing a fine line of cut flowers, decorative plants and novelties.

Wolfskill Bros. & Morris Goldenson are displaying a fine line of bulbous flowers.

This city now has a Rosemary Flower Shop. This establishment has been opened at 815 West Seventh street by W. H. Shuman and F. J. Redmond.

The West Coast Seed Co., recently of East Seventh street, is now located at 620 South Spring street, nearer the center of the business district.

J. W. Wolters, though complaining of shortage, has a good variety as usual. An especially good showing is made in White Killarneys.

The Broadway Florists have been receiving a supply of roses from San Francisco. They report a fair business in funeral work.

All the local firms made handsome displays, featuring novelties for St. Valentine's day, and good business resulted.

O. C. Saakes was well stocked in Ophelia and September Morn roses. He is doing the usual volume of business. G. H. H.

Murray Hill, N. J.

Work is progressing favorably on L. B. Coddington's new houses. There are four of them, each about 61 by 500 feet, of iron frame, with walls of hollow tile. A large boiler house and coal storage cellar will be constructed of concrete, the capacity for coal will be about 1,400 tons. The new range will be heated by two (shell) boilers, each with a capacity of 325 horse power. All four houses will be completed in time for the June planting of roses. Mr. Coddington had already two large ranges and this new addition will, at a rough guess, bring his glass area to half a million or more square feet. Throughout the winter he has been having a good cut of roses and his stock now looks fine. The following varieties are noteworthy: American Beauty, White and Pink Killarney and Killarney Brilliant, Mrs. Aaron Ward, Sunburst, Ophelia, Hoosier Beauty, Lady Alice Stanley, Richmond and Mock. A great stock of young plants is being propagated and the work is yet going on, thousands being already potted off. There is also a great stock of young smilax plants in pots. The entire cut flower output of this range is sold by H. E. Froment, 148 West 28th street, New York. A. F. F.

Minneapolis.

The St. Valentine's day business on the whole was quite satisfactory and generally reported as being 10 per cent better than last year. In other respects the market conditions as to supply, demand and prices remain about the same as last week.

O. R. Eckhardt has a new Oscar to make the firm more prominent. Mrs. Eckhardt and baby are progressing favorably and receiving congratulations.

Theodore Wirth, superintendent of parks, is attending the cement show at Chicago this week. T. C. R.

San Francisco.

The Fillmore Floral Co. opened at 942 Fillmore street, February 12. Gus, elder son of T. F. Taylor, will be in charge.

T. Mosco has opened a florist shop on Geary street, near Kearny.

BIRMINGHAM, ALA. — A dividend of 10 per cent is being paid on certified claims against the estate of John L. Parker.

KNOXVILLE, TENN. — The flower stand of Addison J. McNutt in the market house, closed for several weeks on account of fire, has reopened.

JOHNSON CITY, TENN. — James Venable, Sr., who had conducted a successful florist business here for several years, died February 6, aged 65 years.



1916
THORBURN'S
SEEDS

Send for **FREE**
your copy

To the florist and others "who grow for profit."

*Thorburn's
Seeds*

especially appeal, because of their dependability.

If you have not received **your** copy of our big, new 1916 catalog, fill in the coupon below and mail it to us, and the book will be sent you promptly with our special prices to florists. It's 144 pages are full of interest and value to you.

J. M. Thorburn & Co.

Established 1862

53 Barclay St., through to 54 Park Place
New York

Just mail this coupon.

Name.....

Street.....

City.....

Send me your 1916 catalog as offered in
The American Florist.

Poehlmann Bros. Co.

72-74 E. Randolph Street,

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.

STRONG, CLEAN AND HEALTHY STOCK.

Largest Supply of Choice Kentias we have ever
offered. Both single and made-up.

PALMS

Kentia Belmoreana	
Made-up Plants	
7-in. pots, 3 plants in a pot	32-34 in. high.....\$3.00
8-in. tubs, 4 plants in a tub	38-40 in. high..... 4.00
Specimens, heavy, \$12.00, \$15.00, \$20.00.	

Kentia Belmoreana	
Single Plants	
4 inch pots, 5 to 6 leaves,	16 to 18 in. high.....\$0.40
\$4.50 per dozen.	
6-inch pots, 6 to 7 leaves,	24 in. high..... 1.00
6-inch pots, 6 to 7 leaves,	28 to 30 in. high..... 1.50
8-inch tubs, 6 to 7 leaves,	36 to 38 in. high..... 3.50
8-inch tubs, 6 to 7 leaves,	56 to 58 in. high..... 6.00
8-inch tubs, 6 to 7 leaves,	62 to 64 in. high..... 7.00

Kentia Forsteriana	
Made-up Plants	
7-inch pots, 3 plants in a pot,	36 in. high..\$2.50
7-inch tubs, 4 plants in a tub,	38 in. high.. 3.00
8-inch tubs, 4 plants in a tub,	38 to 42 in. high.. 3.50
8-inch tubs, 4 plants in a tub,	48 to 50 in. high.. 5.00
8-inch tubs, 4 plants in a tub,	52 to 54 in. high.. 6.00
10-inch tubs, 4 plants in a tub,	5 ft. high..... 8.00
12-inch tubs, 4 plants in a tub,	60 to 64 in. high..10.00
12-inch tubs, 4 plants in a tub,	5½ ft. high.....12.00
12-inch tubs, 4 plants in a tub,	5½ to 6 ft. high...15.00
15-inch tubs, 4 plants in a tub,	6 to 6½ ft. high
\$18.00 to \$20.00	
Specimens, heavy, \$35.00, \$40.00.	

Kentia Forsteriana	
Single Plants	
4-inch pots, 5 to 6 leaves,	18 to 20 in. high.....\$0.40
\$4.50 per dozen.	
6-inch pots, 6 leaves,	28 to 30 in. high..... 1.00
6-inch pots, 6 to 7 leaves,	34 to 36 in. high..... 1.50
6-inch pots, 6 to 7 leaves,	38 to 42 in. high..... 2.00
8-inch tubs, 6 to 7 leaves,	5 ft. high..... 6.00
10-inch tubs, 6 to 7 leaves,	5 to 5½ ft. high..... 8.00
10-inch tubs, 6 to 7 leaves,	5½ to 6 ft. high.....10.00

Phoenix Roebelenii	
Single Plants	
3-inch pots, nicely characterized,	\$3.50 per dozen.
5-inch pots, 15-in. high,	20-in. spread.....\$1.00
6-inch pots, 18-in. high,	24-in. spread..... 1.75
7-inch pots, 28-in. high,	34-in. spread..... 2.50
8-inch tubs, 30-in. high,	36-in. spread..... 3.50
10-inch tubs, 35-in. high,	42-in. spread.....\$5.00 to \$7.00

Dieffenbachia Magnifica	
5-inch.....Each, \$0.75	6-inch.....Each, \$1.00

Areca Lutescens	
8-inch tubs, 5 plants, 44-46-in. high,	each...\$4.00 to \$4.50

Dracaena	
6-inch pots, Dracaena Amabilis	.....Each, \$1.25
6-inch pots, Dracaena Baptistii	..... " 1.25
5½-in. pots, Dracaena Massangeana	..... " .75
5-inch pots, Dracaena Imperialis	..... " 1.25
Aspidistra Lurida, 5-inch pots	.....Each, \$1.00
Livistona Rotundifolia, 4-inch pots	.....Each, .50

ROSE STOCK

Choice 2½-inch Grafted and 2½-inch Own Root Plants for March Delivery.

2½-in. Own		2½-in. Own		2½-in. Own	
Grafted	Root	Grafted	Root	Grafted	Root
Per	Per	Per	Per	Per	Per
1000	1000	1000	1000	1000	1000
Russell	\$120.00	None		Cecile Brunner	\$100.00
Killarney	100.00	\$56.70		Elgar (Special Only)	100.00
White Killarney	100.00	56.70		Francis Scott Key	110.00
Killarney Brilliant	100.00	56.70		Fire Flame	100.00
Ward	100.00	56.70		Lady Alice Stanley	120.00
Milady	\$100.00	\$56.70			
Ophelia	100.00	56.70			
Richmond	100.00	56.70			
Hoosier Beauty	105.00				
Hadley	105.00				

Miscellaneous Plants

ARAUCARIA ROBUSTA COMPACTA	
Each	
3 to 4 tiers	....\$1.50, \$2.00 and \$2.50

ARAUCARIA EXCELSA	
Each	
4 to 5 tiers	.....\$1.50
5 tiers	..... 2.00

FERNS	
Boston, Roosevelt and Whitmani	
Each	
5-inch pot, Boston and Roose-	velt only .....\$0.25
6-inch pot	..... .50
10-inch pot	.....\$2.00 to 2.50
12-inch pot	..... 3.00 to 3.50

Pandanus Veitchii	
Each	
4-inch pot	..... \$0.35
5-inch pot	..... .50
6-inch pot	..... .75

CROTONS.	
In finest varieties, beautifully colored and well furnished with leaves to the pot.	
Each	
6-inch pot	.....\$0.75 to \$1.00

ASPARAGUS PLUMOSUS	
3-inch pot	.....\$6.00 per 100
Made-up in pans and 7-in. pots	.....
	.....\$4.00 per doz.

ASPARAGUS SPRENGERII	
2¼-inch pots, per 100	.....\$2.50

CYCLAMEN	
4-inch pot	.....\$3.60 per doz.
5-inch pot	..... 6.00 per doz.
6-inch pot	..... 9.00 per doz.

AGLAONEMA PICTUM	
5-in...Each, \$0.75	6-in...Each, \$1.00

SKIMMIA JAPONICA	
Well berried. Each,	\$1.00, \$1.25, \$1.50

SHAMROCK PLANTS

For St. Patrick's Day	
1-in. and 2-in. plants,	\$3.00 per 100;
	\$25.00 per 1000.

ACHYRANTHES	
Brilliantissima, 2½ inch pots,	per 100 .....\$2.50
Lindenii, 2½-inch pots, per 100.	2.50

DISH FERNS	
In 2¼-inch pots, \$3.50 per 100; \$30.00 per 1000.	
Pteris Albo-lineata, Pteris Serrulata Christata, Pteris Cretica Ouvrardii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wim-multi-ceps, Pteris Cretica Cristata, Adiantum Cuneatum.	

BEGONIA CHATELAINE	
2½-inch pots, per 100	.....\$ 3.50
3-inch pots, per 100	..... 8.00
4-inch pots, per 100	..... 15.00

COLEUS	
In the following varieties, 2½-inch pots, \$2.50 per 100: Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria.	

Roses-Carnations-Sweet Peas

A Heavy Crop Now On

Our Sweet Peas Are All Orchid Flowering Varieties

American Beauties		Per doz.
Extra long stem Specials.....		\$6.00
Medium	\$2.00 to \$4.00	
Shorter lengths.....	.50 to 1.50	

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

	Per 100
Extra long stems	\$12.00
Good length stems.....	10.00
Medium stems	\$6.00 to 8.00
Short stems.....	5.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	4.00

Carnations

All colors

Sweet Peas—Zvolanek's orchid flowering

extra long stemmed stock.....	1.50 to 2.00
Jonquils and Tulips.....	2.00 to 4.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

GOOD DEMAND FOR ST. VALENTINE'S DAY.

Stock of all kinds cleaned up nicely for St. Valentine's day with the exception of double violets, which were unusually plentiful and probably never sold at such low prices on this occasion before. Good violets brought fair prices, but there was a large supply of inferior stock offered which kept down the average. Most of the double violets sold at prices averaging from 30 to 50 cents per 100, which is the cheapest they have sold for in years. Single violets sold fairly well and cleaned up as nicely as could be expected under the circumstances, but did not bring the prices that they did in former years. Sweet peas sold unusually well and so did orchids, lily of the valley and gardenias. Red roses sold quickly with Richmond, Rhea Reid, Hadley, Milady and Hoosier Beauty having the call. American Beauty roses were very scarce and what little good stock was offered in this line was quickly disposed of at high prices. Mrs. Chas. Russell sold well owing to the scarcity of American Beauties, especially in the medium and longer stemmed grades. Sunburst, Ophelia, Mrs. Aaron Ward, Mrs. George Shawyer and Killarney cleaned up at an early hour at good prices. Red carnations and red tulips had a good call and so did freesias and Romans, which furnished splendid substitutes for lily of the valley. Jonquils, daffodils, Paper White narcissi, snapdragons, daisies, calendulas and all other miscellaneous stock cleaned up nicely and the only item that did not move as well as everyone expected was violets. The out-of-town demand was very good, but the city trade was nothing to speak of and the sales were only equal to those of a good Saturday. The heavy snowstorm Sunday, February

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

READ THIS

BIG RIBBON BARGAIN

No. 150 Width

Silk Taffeta Ribbon

In beautiful Moire effect. Silver and steel gray, purple and black. Just the thing for door sprays. (Full 10-yard bolt).

\$1.45 per Bolt.

Mention the American Florist when writing

13, may have affected the local sale of violets, but at that many were sold, and if the heavier than usual supply is taken into consideration and the sales checked up it would be found that a great many more were sold than last St. Valentine's day. Stock at this writing, Wednesday, February 16, is more plentiful and with one or two ex-

ceptions there is more than enough to go around.

ST. VALENTINE'S BUSINESS GOOD.

The St. Valentine's day trade here was quite good, but not as brisk as the retail trade expected. The heavy snowstorm, February 13, affected the demand somewhat, but the

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

— TRY US ON —

Sunburst-Russell-Milady

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

Killarney.....		
White Killarney.....		
Killarney Brilliant.....		
Sunburst.....	Per 100	
My Maryland.....	Specials.....	\$12.00
Ophelia.....	Select.....	10.00
Richmond.....	Medium.....	8.00
Milady.....	Short.....	6.00
ROSES, our selection.....		\$5.00

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	4.00
" good.....	3.00
Harrisil.....per doz., \$1.50 to \$2.00	
Sweet Peas.....	1.50 to 2.00
Valley.....	\$4.00 to \$5.00
Violets.....	.75 to 1.00
Smilax.....per doz, strings, \$2.00	
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$3.00
Boxwood.....per bunch, 25c	
Galax, bronze and green.....per 1000, \$1.00	
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Everything Seasonable--Prices Reasonable.

real reason that trade was not as brisk as it might have been seems to be due to the lack of advertising. Outside of the window displays and a few small advertisements in the daily papers and one card in the street cars, nothing much was done and the sales corresponded accordingly. Violets never were so plentiful as this year and sold well at reasonable prices. Orchids, gardenias and lily of the valley were scarce and the same was true of red roses and red carnations. Miscellaneous stock such as snapdragons, daisies, tulips, forget-me-nots, were used extensively, but taken all in all, the sales on this occasion did not exceed those of an ordinary good Saturday.

NOTES.

The A. A. Arnold Paper Box Co., 1302-1308 West Division street, is hav-

ing a big run on its new manila boxes which it manufactures in twenty-two different sizes. This firm is mailing samples of the new line to everyone in the trade upon request and calls attention to the fact that there is no printing charge on orders of 300 or over. C. B. Arnold reports a grand clean-up in heart shaped boxes for St. Valentine's day, which sold unusually well this year. Joe Marks has just returned from a successful business trip in the southwest.

The George Wittbold Co.'s store, 1309 North Clark street, which was closed recently, was one of the oldest retail stands in the city, and Louis Wittbold can well remember the day when John Poehlmann, of Poehlmann Bros. Co., used the basement for a distributing point, and that was about 25 years ago.

Sidney Buchbinder, sales manager for Buchbinder Bros., manufacturers of florists' refrigerators, says that his brother, Dr. J. R. Buchbinder, will leave soon for the battle-fields of Europe as a member of the American Red Cross society and will be stationed in Germany.

Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, Pa., called on the trade here this week. He has just returned from a western trip and is gradually working his way towards home.

Kirscht Bros., of Morton Grove, have a new carnation that looks very promising and might be called a Winsor colored Enchantress.

George Manos is spending a few days with his brother, Louis, at Milwaukee, Wis.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$8.00
Pink Killarney.....	Select.....7.00
Killarney Brilliant.....	Fancy.....6.00
Richmond.....	Medium.....5.00
	Good.....4.00

CARNATIONS.

Fancy..... per 100, \$4.00	Good.....per 100, \$3.00
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SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprenger.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

A. Lange arranged the decorations at the banquet given in honor of Archbishop Mundelein at the University club, Thursday evening, February 10, when the guests were the victims of a deliberate plot which might have brought death to scores of the most prominent men of this city and high dignitaries of the Catholic church. Physicians and chemists declared that the poison plot failed principally because the plotter miscalculated and put into the soup an overdose of the poison which caused the consumers to become so violently ill that they expelled the poison before it had time to have fatal results. Peter Reinberg was one of the 200 guests seated at the tables.

The John C. Moninger Co. has just received an order for one of their all steel houses, 60x400 feet, for the Montgomery Co., Inc., Hadley, Mass., and the Lorraine Avenue Greenhouses, Cleveland, O., has just placed an order with them for five new houses, 30x376 feet. Rudolph Kurowski is back from a trip to Detroit, Mich., where A. J. Browne's new Moninger house, 84x600 feet, recently weathered a severe storm and was found to be absolutely safe.

Zech & Mann never had such a good St. Valentine's day trade as this year, according to Allie Zech, and no trouble was experienced in disposing of all the available stock. A large supply of choice freesia of the variety Purity is received daily, but cleans up quickly, and the same holds good for tulips. A nice lot of orders are being booked for rooted carnation cuttings, which they are offering in all the best leading varieties.

D. T. Matchem, who operates a store in East Chicago and another at 3707 Cedar street, Indiana Harbor, will move soon from the last named location into a store three times as large at 3428 Michigan avenue. When the new place is fitted out according to the plans he has in mind he figures that he will have one of the finest equipped retail establishments in the northern part of the Hoosier state.

Joseph Ziska & Sons keep Raymond Ziska and his Ford pretty busy every day delivering orders, and while he receives a good deal of joshing for driving a "tin Lizzie," he claims that there is no make like it for getting around the city in double quick time and then, besides, he swears that the coppers would never have the nerve to

VIOLETS AND CARNATIONS

Large supply fancy Carnations in all the leading varieties and the best Double Violets in the market. A trial order will be appreciated.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

arrest him for exceeding the speed limit.

George Wienhoeber had a splendid St. Valentine's day trade and sold a large number of the special \$1.50 bunches of violets which he featured in his three-color advertisement in the street cars. Mr. Wienhoeber says his assistant, Joe Kral, is the originator of the heart shaped novelty featured in his window display last week.

A. L. Vaughan & Co. had their share of the St. Valentine's day trade and sold out completely in all lines. The shipping trade was very brisk and the city demand good. Carnations are more plentiful at this establishment and the receipts of tulips, jonquils, freesias and other miscellaneous stock is steadily increasing.

Chas. Erne, of Erne & Klingel, underwent an operation for rupture at the Michael Reese hospital Monday morning, February 14, and is getting along as nicely as can be expected. Fred Klingel is now assisted in the office by Albert Henning and Frank Konezal is giving the boys a lift in the shipping department.

Peter Reinberg had a better St. Valentine's day than last year, according to Felix Reichling, who says that everything sold well and that there was no surplus when the store closed at night. Miss McNulty is again attending to her office duties after being confined to her home for several days with the grippe.

Charles M. Fish, manager of the J. D. Thompson Carnation Co., was a visitor in the wholesale market, February 14. His firm has just placed an order with Kroeschell Bros. Co. for a new boiler to keep the novelty carnations, Aviator and Superb, warm next winter.

Schofield, the North State street florist, reports business as unusually brisk and says that there was only a difference of \$43 in his last month's sales, compared with those of last December, which is due chiefly to the many funeral orders that he filled during that time.

ROSES

Sunburst, Killarney, White Killarney and Richmond. Carnations, Violets, White and Yellow Narcissus, Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Mention the American Florist when writing

Miss M. C. Gunterberg handled a shipment of over 100,000 double violets Saturday, February 12, and about as many more for St. Valentine's day, which is probably one of the reasons why she is often called the "Violet Queen" by many in the trade.

At the George Wittbold Co.'s store on Buckingham place the St. Valentine's day trade was up to all expectations and one of the orders called for a pretty heart-shaped center piece of daisies, freesias and sweet peas with a humming bird set here and there.

A. T. Pyfer & Co. are receiving a good supply of roses from the Pyfer & Olsem greenhouses at Wilmette in addition to a complete line of other stock. Their first St. Valentine's day trade was very good and exceeded all expectations.

The John Kruchten Co. is handling a nice supply of stock in all lines and is featuring a fancy grade of Mrs. Chas. Russell roses. Miss Anderson, formerly with the A. L. Randall Co., is now in the employ of this firm.

Miller & Musser are having a good call for fancy Asparagus plumosus nanus which is a leader with them in the green goods department.

Sinner Bros. are cutting a good supply of stock, which are in good demand, owing to the splendid quality and limited supply offered.

George Piezer is still filling the position of florist at the Hotel La Salle and uses a large supply of stock each week for decorations, etc.

O. A. & L. A. Tonner are gradually getting things in shape at their new store and are now showing a complete line of baskets.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Tremendous Supply

Roses, Carnations, Tulips, Etc.

Exceptionally Fine Stock that will carry nicely on long distance shipping orders. Try us.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long stems		\$6.00
36-inch stems		\$4.00 to 5.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium		10.00 to 15.00
Short		8.00 to 10.00

ROSES.		Per 100
White Killarney		
Killarney		
Killarney Brilliant		
Ward	Special	\$12.00
Sunburst	Fancy	10.00
Ophelia	Medium	8.00
Maryland	Short	5.00 to 6.00
Richmond		
Milady		

Roses, our selection..... 5.00

CARNATIONS, select		Per 100
"	fancy	\$ 3.00
"	"	4.00

MISCELLANEOUS.		
Cattleyas	per doz., \$7.50	
Valley		4.00 to \$ 5.00
Violets		.50 to 1.00
Freelias		3.00 to 4.00
Paper Whites		3.00 to 4.00
Romans		3.00 to 4.00
Tulips		3.00 to 4.00
Lilies	per doz., \$1.50 to \$2.00	
Callas	per doz., 2.00	
Sweet Peas		1.50 to 2.50
Smilax	per doz., \$1.50 to \$2.00	
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus	per bunch.....	.35c to 50c
Fancy Ferns	per 1,000, \$3.00	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays		.75
Mexican Ivy		.75

Poehlmann Bros. Co. has been fortunate in securing a good supply of carnation fluid for St. Patrick's day and are now booking orders for same. T. E. Waters says that orders for their Shamrock boxes are numerous and that in many instances those who bought the boxes filled with the plants in pots to fit the pockets last year have duplicated or increased their 1916 orders. John Poehlmann's many friends are pleased to know that he is improving and that he was able to walk out to a nearby barber shop to get shaved this week. Everyone hopes to find him at the store again in the near future.

Bassett & Washburn are moving their American Beauty range, consisting of eight houses, from Hinsdale to the new plant at Gregg's Station, and when these are completed they will have about 100,000 square feet of glass devoted to this variety, which is one-third less than last year. This firm reports a banner St. Valentine's day trade, with a grand clean-up of stock in all lines, especially red roses, red carnations, red tulips and sweet peas.

Wieter Bros. will grow the new rose Dark Russell and the new light salmon pink carnation, Nancy, on a large scale next season and will also give considerable more bench space to Alice which has already made good. N. J. Wieter speaks well of Philadelphia and has every right to, for the stock they are cutting in the variety now is exceptionally fine and bears out the often repeated statement that this carnation is at its best in cold weather.

Andrew Cronis was on the sick list for several days this week, during which time his business partner, Mr. Johnson, looked after the management of the Alpha Floral Co.'s store. Mrs. Cronis presented her husband with a Valentine in the shape of a baby boy, who, according to his father, is going to be a great florist some day.

CALIFORNIA VIOLETS

Get your shipment direct from the grower.

ENOMOTO & CO., Inc.

WHOLESALE FLORISTS

35 Saint Anne St., Phone. San Francisco, Calif.

NURSERY, REDWOOD CITY, CALIF.

Percy Jones is handling his usual large supply of bulbous stock which includes some particularly fine tulips and jonquils. The supply department is featuring silk taffeta ribbon as a leader this month and several large orders for same have already been booked.

Herbert Baumann, of Niles Center, is cutting a good crop of carnations in his new range of three houses which he built last year and ships his entire output to the local market. His brother Peter is employed at Peter Reinberg's city salesroom.

The Chicago Flower Growers' Association is receiving a large supply of roses, which are still in good demand. Their St. Valentine's day trade was very good and a cleanup in practically all lines is reported.

The tragic death of Miss Marian Lambert, daughter of Frank Lambert, gardener to Jonas Kuppenheimer, Lake Forest, has cast deep gloom over the entire gardening community of this vicinity.

Daut Bros., of Decatur, have placed an order with the American Greenhouse Manufacturing Co. for four new

houses, 36x300 feet, to be devoted to the growing of roses and carnations.

C. Clemenson's fourteen year old daughter was operated upon at the South Shore hospital this week and is improving, although for a time her condition was considered serious.

At J. A. Budlong's store the demand for lily of the valley has been exceptionally brisk and it was impossible to anywhere near fill the orders for St. Valentine's day.

Carl Bachler, known as the McKinley Park Florist, underwent an operation for appendicitis and gallstones at St. Mary's hospital Friday, February 11.

The Zech & Mann store force will bowl the A. F. Amling Co.'s employees at Maywood, Monday, February 21, and an exciting contest is looked for.

W. N. Rudd is at Urbana this week giving a series of lectures before the state university students on landscape gardening.

Ronsley, the South Dearborn street florist, will move into new quarters not yet decided upon in the near future.

O. J. Friedman has installed a handsome new work counter which was built to order by Buchbinder Bros.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Weiland & Risch had a splendid St. Valentine's day trade and were fortunate in having a good supply of stock for this occasion.

Vaughan's Seed Store is having a good demand for cold storage Lilium giganteum.

Visitors: Theodore Wirth, Minneapolis, Minn.; Miss Kate Harris, Memphis, Tenn.; C. H. Frey, Lincoln, Neb.; M. Langohr, Bozeman, Mont.

Kansas City.

ST. VALENTINE'S TRADE ABOVE AVERAGE.

The 1916 St. Valentine's day trade was much better than that of a year ago, both in the number of orders and the volume of business. Roses are more plentiful and sweet peas and violets show improvement, and while the supply is increasing, prices remain firm. Pot plants were good sellers at all the stores and basket arrangements and corsages as well as cut stock of all kinds cleaned up entirely.

NOTES.

Heavy pot plant sales were a feature of the St. Valentine's day trade at the establishment of W. J. Barnes. Orders for funeral designs and corsages have also been unusually heavy. His new Studebaker delivery car was a great help in the delivery service.

Samuel Murray had another quality window display last week, the centerpiece being a large red heart, three by four feet, with a background of ferns. Orchids and violets in profusion were seen in artistic arrangements at the front.

The Alpha Floral Co. reports an exceptionally heavy trade for St. Valentine's day, the call for the occasion extending over the entire week for advance orders. Out-of-town orders for funeral work have kept the staff very busy.

The Wm. L. Rock Flower Co. had a large number of made up baskets in different styles that sold readily for valentines. All novelties sold well. Funeral work continues to keep the force busy.

Geo. M. Kellogg Flower & Plant Co. have been having a big run on funeral work both local and out-of-town. Pot plants as well as cut stock in quantity were disposed of for the St. Valentine's day trade.

T. J. Noll & Co. handled good roses, sweet peas and violets among other items, but the supply was short of re-

quirements. Many more could have been sold had they been available.

Arthur Newell did a good St. Valentine's day business in pot plants of cyclamens, lilacs, bulb pans and basket arrangements. Corsage work was brisk.

Henry Kusik & Co. handled fine stocks of everything available but heavy trade both local and shipping cleaned up everything in the establishment.

The Sunny Slope Seed Farm is sending in some fine Butterfly sweet peas, which sell at sight.

Eric Frandsen & Co. will rebuild their range, which was damaged in the recent freeze.

Mrs. T. A. Mosely has returned from a visit at Chicago and reports trade very good.

Miss J. E. Murray is confined to her home with an attack of grippe.

E. J. B.

Nashville, Tenn.

BIG VALENTINE SUPPLY CLEANS UP.

St. Valentine's day was a brilliant success in this community, and the trade had all the orders they could handle. The weather has been variable, almost summer heat on Saturday and very cold on Sunday and on Monday, St. Valentine's day. Violets had been blooming very profusely, but were cut short by the change in temperature, not however, until there had been a cut of them taken. Violets were easily the favorite "valentine flower" and many thousand were sold. Roses were somewhat scarce. The red rose was second in demand to the violet, but all kinds of flowers went and the trade was more than satisfied. There was a fine supply of blooming azaleas, some of the best of the season, large handsome plants covered with flowers, of the richest coloring. Pot plants were in large demand and were very luxurious. There were all the varieties of bulbous stock, hyacinths, both single and double, narcissi in all varieties, cyclamens in gorgeous blossom, cinerarias, begonias, tulips, single and double in all multitudinous colorings, and in fact everything to cater to the most fastidious or most modest taste. There was plenty of lily of the valley, which was a favorite combination with violets. Carnations filled no small part of the demand, and the red carnation was in especial favor. Prices were good and everything went, and there was a good clean up on all lines.

Current Price List

ROSES Per 100

Mrs. Chas. Russell... \$10.00 to \$15.00

Ophelia.....

Sunburst..... Long... \$10.00-\$12.00

Killarney..... Medium..... 8.00

W. Killarney... Short..... 6.00

Kill. Brilliant..

CARNATIONS, De Luxe..... 3.00

Select..... 2.00

Miscellaneous

Freesias \$ 3.00 to \$ 4.00 per 100

Lilies..... 10.00 to 12.50 per 100

Lily of the Valley, \$4.00- 5.00 per 100

Violets, double, \$0.50 to 1.00 per 100

Sweet Peas..... 1.50 to 2.00 per 100

Paper Whites... 3.00 to 4.00 per 100

Tulips..... 8.00 to 4.00 per 100

Ferns..... 3.00 per 1000

Asparagus..... bunch, 35c to 50c each

Sprengeri bunch, 25c to 35c each

Galax \$1.00 1000

Mexican Ivy..... 75c per 100

Boxwood..... large bunch, 25c each

Subject to Market Changes.

The florists' windows were a delight to behold and were themselves huge valentines that "he who runs" could enjoy, and the passerby was tempted to look and to buy, which he did freely. The Joy Floral Company fitted up a very novel and attractive window, representing a lady's boudoir, in which the lady herself was seated in an easy chair, clad in a very fetching gown. Around her in the shape of pot plants and just opened boxes were the dozens of valentine remembrances, while a messenger boy stood before her presenting a just opened box of violets and lily of the valley, which her hands were outstretched to receive. The other window was filled with valentine boxes, shaped as red hearts. They had an unusual supply of very fine flowers and were able to fill all demands, including a good lot of wholesaling.

Geny Bros. were especially fortunate in their supply of violets. The day before it turned so cool, they cut 20,000 violets and sold every one of them. They shipped to the nearby towns a large trade in valentine boxes of attractive design and valentine coloring. They had a beautiful and attractive window filled with a variety of blooming plants, in which magnificent azaleas and fine cyclamens were conspicuous. They have a fine lot of lily of the valley and Easter lilies.

The McIntyre Floral Company's windows and adjoining greenhouse presented a sight which was a thing of beauty, and a mass of brilliant blossoming of azalea, all the bulbous blossoms, primulas, cyclamens, and other plants. They had a nice lot of orchids and sold out; also, fine sweet peas and plenty of carnations. They were short only on roses, which seemed to be a prevailing complaint with all the dealers, but otherwise there was a sufficiency for all demands.

L. H. Haury & Sons made a fine display in their new store and had a splendid valentine trade, with all the usual flowers.

M. C. D.

RICHMOND, IND.—It is stated Joseph H. Hill will withdraw from the E. G. Hill Co., and conduct business on his own account across the street, where he has a range of four houses, specializing in carnations. A new iron frame rose house, 46 x 400 feet, will be added to produce stock for the Cincinnati store, which becomes his under the new arrangement.

WHY

send several wires to receive back a reply "impossible to fill," when a wire sent to us will bring you the goods? We have a large supply in spite of the fact that many wholesalers have but little with which to fill their orders.

We are still filling orders in spite of the scarcity. Try us and convince yourself.

HEAVY SUPPLY

FRAGRANT HOME GROWN SINGLE VIOLETS FANCY ORCHID FLOWERING SWEET PEAS

Beauties, Orchids, Roses, Snapdragons, Lilies, Valley,
Violets, Sweet Peas, Freesias, Tulips, Jonquils,
Daisies and all other Cut Flowers and Greens.

Heavy cuts of Carnations received daily. Special prices on quantity lots.

You can increase your profits and business
by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Seattle.

MOST SEVERE WINTER IN YEARS.

The flower trade has been much depressed due to the inclement weather that has kept this city and environs under a pall of snow the past six weeks, but fortunately the supply of flowers has been by no means excessive, so that there has been no complaint of flowers having to be thrown away. The small number of sales made have realized better prices than the average, but retailers and greenhouse men are as one in the heartfelt desire to never see another such winter. The weather bureau states this to be the most protracted storm on record; we have had snow on the ground without intermission for six weeks, and the end is not yet. Last week it culminated in a snowfall of 36 hours and many of our local greenhouses suffered more or less damage, and at all points west of the Cascade mountains complaints are heard. On account of the usual mild climate, the greenhouses are not erected to withstand such heavy encumbrances, and in some cases they entirely collapsed, while in others there were serious breakages of glass to more or less extent. Carnations suffered considerably at some of the growers' places, so that the market, which was none too well supplied, will probably be short on this commodity for the balance of the season. Prices have ruled low on carnations the past two years and some of the growers this year discontinued growing them, but the prices for the next three months may have a tendency to increase their culture in future years.

There is some talk among growers of attempting to grow violets here again. The local market has of recent years been almost entirely supplied from California, but florists and their cus-

tomers are hoping that this idea may be carried out as they are as one in the desire to once more handle a violet with some perfume to it.

The retail storekeepers had a meeting this week for the purpose of seeing if it could not be arranged that all stores should close at not later than 8:30 p.m. A few years ago the universal practice was to close at 8 p.m., but recently some of them have kept open until 10 and 11 p.m. This has been thought to be unnecessary and to work a hardship on clerks and assistants, so for some time a movement has been on foot for earlier closing. It is profoundly to be desired that the meeting may have some practical result, although events have proved that any concerted action on the part of Seattle flower dealers is almost out of the question. The florists' club, which was started and carried on for years with this object, meets with but poor encouragement from the people who should be most interested. H. P. B.

Knoxville, Tenn.

Addison J. McNutt has a very attractive stand in the market house and is thoroughly equipped to handle the supply of cut flowers and plant stock received from the greenhouses. At the greenhouses were noted a prolific house of sweet peas. Kaiserin roses, the bushes five years old, planted in solid beds have been blooming 10 months in the year. Excellent Nerose snapdragons, callas and Dr. Sam white carnations were also included in the stock, all of which is fine. This establishment now has about 35,000 feet of glass, steam heated, and the ground is being cleared for another 300 foot house.

Charles L. Baum's Clinch street window was very attractively decorated on

the occasion of St. Valentine's day. The window was framed to represent a heart and many novelties were featured, among them being artists' panels with pockets holding narcissi and yellow daffodils, neatly arranged. He expects to move to more commodious quarters at the corner of Market and Clinch streets, March 1, where he will have 2,000 additional feet of floor space, which will give him better facilities to handle the stock received from the greenhouses as well as out-going shipments.

Chas. W. Crouch's greenhouses have been leased for a term of years by H. Yancy Shanklin, president of the North Star Ice & Coal Co. The Crouch store on Gay street is exhibiting some neat arrangements in baskets, which give evidence of a corps of clever designers. The cut flower department is ably managed by Miss Lulu Thomas.

A. H. Dailey had a splendid window decoration for Lincoln's birthday. The stars and stripes were much in evidence, gracefully draped over the picture, which rested upon an easel. Grouped in the window were white hyacinths and yellow daffodils. It attracted much attention. J. E. K.

Greeneville, Tenn.

The Greeneville Floral Co., G. F. Rhea, proprietor, has recently completed four houses, each 25 by 100 feet. This addition gives this firm about 20,000 feet of glass. The entire establishment is heated with hot water.

Foreman Ascough has a fine house of rooted cuttings that are in a strong, healthy condition. A 10-page catalogue is sent out listing the various varieties grown and quantities are shipped by parcel post, many going to distant points. Some choice sweet peas are now to be seen and find a ready market in Cincinnati. J. E. K.



REED BASKETS

For four, five and six inch pots. Stained in all the desired colors, Green, Brown, etc.

2 DOZEN FOR \$6.00

The same assortment mentioned above in the Two-Tone and Bronze finishes, \$8.50.

ORDER TODAY.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.

Ft. Wayne, Ind.

GOOD TRADE FOR ST. VALENTINE'S DAY.

Following extremely cold weather, business was unusually quiet the first part of last week, counter trade especially being slow. The thermometer rose, however, the latter part of the week and business improved somewhat. Several large dances called for numbers of corsages, and the high death rate, the result of pneumonia, has made a brisk demand for funeral work. The supply is getting larger, roses especially are more plentiful, but prices continue to hold up well. Carnations, also of good quality, are now to be had in good sized lots. Violets are also in good demand. The call for pot plants and cut blooms for St. Valentine's day was especially good, due no doubt to the systematic advertising of the local florists.

NOTES.

Miss Mildred Flick, of the Flick Floral Co., read a very interesting paper, entitled, "The Flora of South America," at the February meeting of the Round Table Club. A great quantity of funeral work has kept the force at the Flick establishment busy during the past week.

W. J. & M. S. Vesey are cutting some splendid cattleyas at present. Their crop of Shawyer roses is also very large.

The Doswell Floral Co. had a record crop of single violets for St. Valentine's day. They sold extremely well.

F. J. Knecht & Co. are sending some mammoth Russell and Shawyer roses to the wholesale market.

H. K.

Connecticut Horticultural Society.

The fortnightly meeting of this society was held in the County building, Hartford, Friday evening, February 11. In the notice of the meeting to the members it had been announced that "rose night" would be observed on this occasion, and A. N. Pierson, Inc., of Cromwell, exhibited specimens of Jonkheer J. L. Mock, Hoosier Beauty, Mrs. Wm. Randolph Hearst, Ophelia, Killarney Queen, Red Radiance, Fire Flame, Lady Alice Stanley, Sunburst, Hadley, Francis Scott Key, Double White Killarney, Willowmere, Harry Kirk, and Mrs. George Shawyer. These are well known varieties and no unnecessary space need be taken in dilating on the

merits of the varieties named. Two vases of freesias—*Refrecta erecta* and *New Hybrida*—were exhibited by John F. Huss, superintendent for Mrs. James J. Goodwin. These freesias were unusually fine and very fragrant. N. Slocombe, of Farmington, exhibited a spray of *Acacia tomentosa* seedling. The blooms are round, lemon color, and very numerous. The judges named to make the awards were George B. Baker, of New Britain; J. Vidbourne and W. W. Hunt, of Hartford. The roses received a first-class certificate, the freesias a cultural certificate and special mention, and the acacia a cultural certificate.

The question box was made use of and the query was the advisability of employing warm water in supplying greenhouse stock with moisture. G. Ogren exhibited some specimen narcissi that had been watered with hot water at a temperature of 120 degrees. Tests seemed to prove that it made little difference whether hot or cold water was used, as either soon reaches the temperature of the greenhouse. Robert C. Smallwood, one of the rose experts at the Cromwell gardens, gave a talk on the roses exhibited by that establishment, also proving the value of looking around and noting how other people do things. In a recent trip west he found that some varieties of roses did much better grown dry, than with too copious a supply of moisture. The length of stem was noticeable; also the number of blooms to each plant. J. F. Huss gave an instructive talk on growing freesias, touching on the fine exhibit of *Acacia tomentosa*, the first ever exhibited in the rooms of the society. Three new members were added to the list. The weather was stormy, nevertheless the attendance was fully up to the average, many out-of-town members being present. Robert Karlstrom, landscape architect at the Cromwell gardens, was with us, but left early on account of the storm, as he was afraid of being marooned in the city. The subject for the next meeting will be announced later—the date is February 25.

ALFRED DIXON, Sec'y.

MORRISTOWN, TENN.—Rare cactus plants in bloom at the greenhouse of Mrs. J. B. Hill are attracting many visitors. Everbearing strawberry plants, the runners coming through holes in the side of a barrel and entirely covering it is another feature of interest.

Bristol, Tenn.

H. G. Bramm, proprietor of the Bristol Greenhouses, has an up-to-date range of seven houses, comprising about 40,000 feet of glass. Plans are under consideration for overhauling the office building on Pennsylvania avenue, also, a more commodious shipping room, both to be complete in all their appointments. A finely equipped retail store is also included in the plans.

A cut worm, in the shape of a brown grub, recently destroyed hundreds of dollars worth of blooming plants in this section. The pest cuts the petals of the flower so closely that nothing is left but the skeleton. A solution of arsenate of lead in the proportion of two pounds to 50 gallons of water is being used to good effect in disposing of the grub.

P. S. Wise, of the Fairmount Gardens, has recently completed a steam heated plant house, 65 by 130 feet, which is devoted to violets, poinsettias, narcissi, hyacinths and pot plants in variety. Considerable space at this establishment is also devoted to lettuce and tomatoes.

J. E. K.

Lenox Horticultural Society.

The Lenox (Mass.) Horticultural Society held its monthly meeting February 9. The committee submitted the schedule for the summer show to be held June 28-29, this early date being arranged in connection with the visit of the Garden Club of America, whose annual convention will be held in Lenox on these dates. Sweet peas will be a special feature of the show and among the many special prizes offered is a cup valued at \$50, given by Knight & Struck Co. for 10 vases distinct varieties introduced in 1914, 1915 and 1916. The sum of \$25 was appropriated for the destruction of the tent caterpillar in the Lenox district. The annual ball to be held February 18 promises to be a big success. A large number of members were present at this meeting, and a lively discussion followed the reading of a paper entitled "Young Gardeners' Opportunity in America." The next meeting will be held March 8.

J. FRAMPTON, Ass't Sec'y.

WEST CHESTER, PA. — Fire at the range of John R. Cliniff destroyed one greenhouse and one mushroom house.

ERNE & KLINGEL

BEST GREEN CARNATION DYE for St. Patrick's Day, 50c and \$1.00 per package.
30 East Randolph Street, WHOLESALE FLORISTS CHICAGO, ILL.
L. D. Phone, Randolph 6578

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KYLE & FOERSTER

160 N. Wabash Avenue, Wholesale Florists CHICAGO
Long Distance Phone, Randolph 6784

John Kruchten Co.

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L. D. Phone Central 8016-8017.

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MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
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L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

Providence, R. I.

BUSINESS SATISFACTORY.

Business the past week has been very good, floral work having held out very well. The trade was all ready for St. Valentine's day and business was good according to all reports. The heart boxes with violets were the best sellers. Carnations are now at a normal state on the market, with the supply used up at the close of each day. Roses have been off crop for some time and the prices are high. Violets are good with prices normal. Daffodils are excellent and sell well.

NOTES.

Miss Florence Willard is cutting good orchids and keeps the stock cleaned up all the time.

Macrea, on Smith street, is cutting good carnations.

Albert Holcher is cutting good sweet peas.

H. A. T.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	\$6 00
" " 36-in.....	5 00
" " 30-in.....	4 00
" " 24-in.....	3 00
" " 20-in.....	1 50@ 2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	1 00@ 5 00
" Hoosier Beauty.....	6 00@ 15 00
" Killarney Brilliant.....	5 00@ 15 00
" Killarney.....	5 00@ 15 00
" White Killarney.....	5 00@ 15 00
" Richmond.....	5 00@ 15 00
" Prince de Bulgarie.....	5 00@ 15 00
" Rhea Reid.....	5 00@ 15 00
" My Maryland.....	5 00@ 15 00
" Mrs. Geo. Shawyer.....	5 00@ 15 00
" Milady.....	5 00@ 15 00
" Sunburst.....	5 00@ 15 00
" Mrs. Aaron Ward.....	5 00@ 15 00
" Hadley.....	5 00@ 15 00
" Ophelia.....	5 00@ 15 00
" Our selection.....	5 00
Carnations.....	2 00@ 3 00
Cattleyas..... per doz.,	6 00
Gardenias..... per doz.,	3 00@ 4 00
Jonquils.....	3 00@ 4 00
Freesias, Tulips.....	3 00@ 4 00
Lilium Harrison.....	12 50@ 15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	3 00@ 4 00
Romans.....	3 00@ 4 00
Stevia.....	2 00
Sweet Peas.....	1 50@ 2 50
Valley.....	4 00@ 5 00
Violets, single.....	50@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@ 3 00
Galax.....	1 00@ 1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000,	5 00@ 6 00
Plumosus Strings..... each,	60@ 75
Smilax..... per doz.,	2 00@ 2 50
Sprengeri, Plumosus Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50:

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing

CATONSVILLE, MD.—H. H. Seidlisch is receiving bids for a new greenhouse which will be added to his range this

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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30 East Randolph St., - - Chicago
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A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Crepe Paper for Pot Covers

Per doz. Per 100
Water Proof (all colors)\$2.00 \$15.00
Pebbled Pleated (all colors)..... 2.00 15.00
Special price list of other supplies
mailed free.

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Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00
Alice—Salmon shade.....	6.00	50.00
Siegward.....	6.00	50.00
Enchantress Supreme—Light Salmon	3.50	30.00
Philadelphia—Rose pink.....	5.00	35.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	5.00	35.00

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.60	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

ST. VALENTINE'S DAY DEMAND HEAVY.

The feature of the week was the business for St. Valentine's day, which while the day came on the Monday following, its approach sent prices "skying," there being an advancement on all popular flowers such as violets, sweet peas, gardenias, carnations and some grades of roses. The stock in all lines is very good, except that single violets are beginning to retrograde. Roses are in fine shape, the specials being of splendid quality. American Beauties are scarce, being nearly all sold before they arrive. Lily of the valley is scarce, supplying about two-thirds of the demand. Snapdragons are more in evidence. Tulips and daffodils are plentiful and in demand for spring boxes of cut flowers. Blooming plants are now quite a factor, azaleas, primulas and cyclamens being leaders, followed by quite a few others.

FLOWER SHOW PLANS.

Flower show plans are progressing favorably. Splendid notices are appearing in the Sunday press, all fully illustrated with portraits of the men active in the various organizations, or on important committees. Arthur Niessen, secretary of the local special committee, in addressing the retail trade says: "Your customers will visit the show and will look for your exhibit; be there and let them know that you are one of the live wires. Remember that this is your flower show as much so and more than any other branch of the business. This show will foster the desire and love for flowers. Every customer or resident in your immediate neighborhood that you can induce to visit the flower show will be a more liberal flower buyer for having been there. It is a boost for your business. We will all share in the benefits of the show, and for that reason, we should all be willing to help and work for the success of the national flower show." A fine presentation, full of truth and hard business sense. A large banquet agreed upon in honor of the visiting members of the craft is being considered by the committee. The choice of location has narrowed down to Horticultural hall and the large ball room of the Bellevue-Stratford. To the surprise of many, the cost at either place will be about the same.

NOTES.

The next meeting of the florists' club on March 7 will be one of the most interesting of the year. It will be "sweet pea night" with an exhibition of the choicest flowers from local growers and contributions of some of the New York and eastern specialists. Howard M. Earl, manager of the famous W. Atlee Burpee & Co.'s seed-house, will be the essayist. Everyone interested in this flower, which is coming so rapidly to the front, should be present to get inspiration from this source of sweet pea wisdom. The essay committee of this year is doing itself proud with its many successes.

The trade all made quite a bid for the business of St. Valentine's day. Pennock Bros. had a great display of heart shaped boxes and hampers from small sizes, suitable for boutonnières up

Wholesale Flower Markets

BOSTON, Feb. 16.		Per 100
Roses, Beauty.....	50 00	75 00
" Killarney Queen.....	4 00	16 00
" White and Pink Killarney.....	4 00	16 00
" Double White Killarney.....	4 00	16 00
" Killarney Brilliant.....	4 00	20 00
" Hadley.....	6 00	25 00
" Cardinal.....	6 00	25 00
" Mock.....	8 00	35 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	6 00	12 00
" Milady.....	6 00	12 00
" Ward and Hillingdon.....	2 00	6 00
" My Maryland.....	50	5 00
Cattleyas.....	35 00	50 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	1 50	2 00
Carnations.....	1 00	2 00
select.....	2 00	22 50

BUFFALO, Feb. 16.		Per doz.
Roses, Beauty, special.....	6 00	
" " fancy.....	5 00	
" " extra.....	3 00	
" " No. 1.....	2 00	
		Per 100
" " No. 2.....	5 00	12 00
" Killarney.....	5 00	12 00
" White Killarney.....	5 00	12 00
" My Maryland.....	5 00	12 00
" Killarney Queen.....	6 00	12 00
" Richmond.....	6 00	15 00
" Sunburst.....	6 00	12 00
" Ward.....	4 00	6 00
" Taft.....	5 00	12 00
" Ophelia.....	8 00	15 00
" Francis Scott Key.....	8 00	15 00
" Shawyer.....	6 00	15 00
" Bon Silene.....	3 00	4 00
Lily of the Valley.....	3 00	4 00
Lilies.....	10 00	12 00
Cattleyas.....	40 00	50 00
Carnations.....	2 00	4 00
Snapdragons.....	6 00	10 00
Violets.....	60	75
Yellow Tulips.....	3 00	4 00
Daffodils.....	3 00	4 00
Freerias.....	2 50	4 00
Asparagus Sprengeri.....	35	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00

CINCINNATI, Feb. 16.		Per 100
Roses, Beauty.....	per doz., \$1 50	\$5 00
" Killarney.....	3 00	8 00
" My Maryland.....	3 00	8 00
" Richmond.....	3 00	8 00
" Taft.....	3 00	8 00
Lily of the Valley.....	4 00	5 00
Lilium Giganteum.....	8 00	12 50
Asparagus Plumosus.....	per bch., 25	
Orchids.....	per doz., 6 00	7 50
Carnations.....	2 00	4 00
Rubrum Lilies.....	3 00	10 00
Double Violets.....	50	75
Narcissus.....	2 00	3 00
Sweet Peas.....	50	1 00
Daffodils.....	2 00	4 00
Jonquils.....	2 00	4 00
Hyacinths.....	4 00	5 00

to elaborate affairs for the largest corsages. They were finished in different colored paper with violets and other flowered patterns, many of them were beautifully filled with the choicest flowers. Their window was very striking, with rose pink, blue and light green velour covering the bottom of the window, on which the various creations were displayed.

Chas. Henry Fox's window was simple, but rich and very effective. One sized heart shaped boxes in white and lavender stripes, with seal on lid of box were arranged on velour, some with corsages displayed and others tied as for delivery. A surprise box, which falls apart when the lid is

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Deutscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

lifted, disclosing a wreath of flowers, was a feature. A well flowered plant of Pink Pearl rhododendron gave a charming color effect.

Lily of the valley is one of the scarce articles, but is seen in quantity with Edward Reid. Splendid carnations are also a feature. Very large shipping orders were sent out last week.

Top notch carnations, the best of the season, are seen at the Philadelphia Wholesale Florists' Exchange. Their Russell and Mock roses are high grade stock.

Berger Bros. are carrying a large stock of bulbous flowers. Violets and lily of the valley are specials for the early buyers.

Spring flowers, Spencer sweet peas and lilac are leaders with the Leo Niessen Co. Gardenias are also seen in quantity.

K.

CHICKASHA, OKLA.—Mrs. Stella Johnston, proprietor of the Chickasha greenhouse, says her business was one-third better the last six months of 1915 than in 1914, and in January 1916 it was more than double that of January, 1915. Mrs. Johnston is looking forward to a record breaking trade this spring.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Feb. 16.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
first.....	20 00@35 00	
Mrs. Chas. Russell.....	8 00@15 00	
Killarney.....	3 00@10 00	
White Killarney.....	3 00@10 00	
Liberty.....	5 00@15 00	
Hadley.....	8 00@12 00	
Sunburst.....	4 00@12 00	
Ophelia.....	5 00@12 00	
Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@1.50		
Sweet Peas.....	1 00@ 2 00	
Snapdragons.....	8 00@20 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50@ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Feb. 16.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
Killarney.....	4 00@12 00	
My Maryland.....	4 00@12 00	
Sunburst.....	4 00@12 00	
Mrs. Aaron Ward.....	4 00@ 8 00	
Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Gigantum.....	12 00	
Sweet Peas.....	50@ 1 50	
Narcissus.....	3 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, Feb. 16.		Per 100
Roses, Killarney and W. Killarney	6 00@12 00	
Ward, Sunburst.....	6 00@12 00	
Mrs. Chas. Russell.....	10 00@40 00	
Ophelia.....	6 00@12 00	
Hoosier Beauty.....	6 00@15 00	
Lilies..... per doz., 1 50		
Daisies.....	50@ 75	
Cattleyas..... per doz., 6 00		
Narcissus.....	3 00@ 4 00	
Sweet Peas.....	1 00@ 2 00	
Carnations.....	2 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for.....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Feb. 16.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
Killarney.....	4 00@10 00	
White Killarney.....	4 00@10 00	
Aaron Ward.....	4 00@10 00	
Sunburst.....	5 00@10 00	
Ophelia.....	6 00@12 50	
Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	2 00@ 3 00	
Orchids.....	25 00@50 00	
Callas.....	10 00@12 50	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Mexican Ivy.....		

New York.

PRICES FALLING.

There is little change in the condition of the wholesale market since our last notes were written, but the tendency of prices is downwards. Roses are not, as a rule, reaching the high figures of a month ago, but they are holding up better than most other stocks. This has been particularly true of American Beauties, which have been scarce, but with an increasing supply and a light demand there are indications of a break. Carnations are very plentiful and cheap, the bulk of fresh stock selling at from \$1.50 to \$3 per 100; probably \$2 or \$2.50 is a fair average. The left overs go for most any old price. Violets continue very slow. The weather having been generally dark and threatening, has not been favorable for their sale, and, anyway, there are too many of them. There is an abundance of tulips and narcissi, the ruling prices being from 25 cents per bunch of one dozen to three bunches for \$1. Some special varieties of tulips are higher.

NOTES.

February 14.—The feature of Saturday, February 12, was a heavy snowstorm that began in the afternoon and continued throughout the following day with falling temperature. Although there was considerable delay in transportation, the weather being clear today, the city force and the transportation companies keep traffic moving. An inexcusable feature, noticed this morning, was thousands of carnations and other flowers that reached the wholesale district in a frozen condition. One dealer states that 3,000 carnations reached him that were frozen; others report minor quantities. This may be attributed to rank carelessness on the part of the packers, for there was ample warning and even the dogs knew it was cold weather. St. Valentine's day did not make much impression on the cut flower market. There were additional sales to retailers from the outlying cities and towns, but the youth of New York seem too blasé to send valentines. Violets were in over-supply and at this writing there are tens of thousands of them in the ice boxes. American Beauties and other roses are holding up well, though \$60 per 100 is about the best for American Beauties this morning. Carnations continue cheap. In bulbous and other stocks there is a general decline.

NOTES.

The so-called "rose and carnation show," under the auspices of the Country Life Permanent Exposition, opened February 10 in the Grand Central Terminal. We are always glad to mention any meritorious production in the horticultural or floricultural line. All the exhibits noticed were from private estates. John Downey, Portchester, N. Y. (Thos. Ryan, Gr.), exhibited and took special prize for a vase of Carnation Pink Sensation, which looked very fine, the flowers being large and on good stems. The color is light pink. W. E. Reis, Greenwich, Conn. (Robt. Grunert, Gr.), took first prize for 25 carnations, mixed varieties. Mrs. Ridley Watts, Morristown, N. J. (S. Golding, Gr.), took first prize for a table decoration of carnations. Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), special prize for tulips. Wm. Ziegler, Jr., Noroton, Conn., won a special prize for freesias.

A number of the retail florists had suitable window decorations in honor both of Lincoln's birthday and St. Valentine's day. At Malandre Brothers, Broadway and 72d street, February 12 a bust of Lincoln was prominent in their show window. Their St. Valentine's day decoration was a large heart, three feet in diameter, with miniature heart-shaped bouquets. David Clarke's

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Sons, on February 12th, decorated profusely with the stars and stripes. Herman Warendorff, Ansonia Hotel, arranged the stars and strips around a bust of Lincoln.

John H. Small, of Washington, D. C., was in this city February 11 visiting his brother, C. Albert Small. John H. Small is looking well and is cheerful over the condition of business. He says that their Washington business (J. H. Small & Sons) has been better this winter than for a number of years. About May 1 the New York business of this firm will be removed from 1153 Broadway, where it has been located for 24 years, to a location further up town.

William F. Gude, of Washington, D. C., was a visitor February 12. He was accompanied by P. S. Moova, a popular Washington merchant. They were here on business connected with the great amateur bowling tournament that will be held in Washington in April, and attended a meeting of local bowlers. This promises to be the greatest bowling event ever held in this country. Mr. Gude reported the florist business in Washington as prosperous.

Goldstein & Futterman is the name of a new firm that has opened a wholesale store at 102 West 28th street. E. Futterman has been employed by the well known firm of Gunther Brothers for 18 years. Henry Goldstein was with the Greater New York Association of Brooklyn for eight years, and has been with Guttman & Raynor, Inc., for one and one-half years. Both these young men are hustlers and should be successful.

M. Rovatsos, chairman of the committee of the Greek-American Florists' Association for its annual entertainment and ball, to be held February 24, wishes to state that the entire committee is working hard for this year's affair, the biggest and best ever held. In addition to the dancing, there will be eight vaudeville acts. It will be held in Terrace Garden, 58th street, near Lexington avenue.

Alexander M. Westwood, the Pennsylvania Terminal retailer, reports excellent business, and as he deals almost exclusively with the traveling public, that seems to indicate that the country is not quite going to the dogs. At Walter F. Sheridan's we have recently noticed very fine stock of snapdragons. He continues to receive fine roses, carnations and a good line of bulbous stock.

The match game between the New York Florist Club team and the Patchogue, L. I., team has been indefinitely postponed on account of the storm.

Young & Nugent are making a fine window display of different varieties of tulips in pans, the pans being



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

tastefully covered with moss. Business continues good at this store.

The finest cyclamens we have noticed for a long time were on sale the past week at the store of William Kessler, 113 West 28th street, some of the plants having 40 to 60 blooms. He is also handling good cinerarias. In cut flowers his stock of freesias and lilies is exceptionally good.

Paul Meconi, the wholesaler of the Coogan building, and his salesman, William Horn, are anxious to arrange a bowling match, for a prize, with any members of the Florists' Club team or any other florists in this city.

The chauffeurs who operate cars for the florists of this city will give an entertainment and ball, early in April. They are quite a clever lot of young men, and it is expected that the event will be well managed.

On February 15 the New York Florists' Club bowling team will go to Patchogue, L. I., and bowl a match game with the Patchogue team.

A. F. F.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
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GEO. J. POLYKRANAS
Wholesale Commission Florist
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 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
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 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
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 Leading Varieties.
 Fine Carnations in variety, Bouvar-
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 34 Years Experience in the Florist Business.
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All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

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WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
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A. J. GUTTMAN, President.
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 Mention the American Florist when writing

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 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Feb. 16.	Per 100
Roses, Beauty, special.....	50 00@60 00
" extra and fancy.....	35 00@40 00
" No. 1 and No. 2.....	15 00@20 00
Prima Donna, special.....	15 00@30 00
Alice Stanley.....	3 00@15 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Shawyer.....	3 00@12 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	3 00@12 00
" special.....	8 00@10 00
" No. 1 and No. 2.....	3 00@5 00
" Queen.....	4 00@15 00
" Brilliant.....	3 00@12 00
Aaron Ward.....	4 00@15 00
Richmond.....	3 00@12 00
Sunburst.....	3 00@12 00
Taft.....	4 00@12 00
J. L. Mock.....	3 00@12 00
Hadley.....	7 00@50 00
Ophelia.....	4 00@15 00
Mrs. Chas. Russell.....	4 00@12 00
Hoosier Beauty.....	4 00@15 00
Cattleya Orchids, special.....	35 00
inferior grades.....	10 00@20 00
Oncidiums..... per flower, 6c	
Cypripedium..... per doz., \$1.50@2.00	
Lilies, Longiflorum and Harrisii.....	8 00@10 00
Lily of the Valley.....	2 00@4 00
Carnations.....	1 00@3 00
Bouvardias.....	2 00@4 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings.....	1 00@ 1 25
Gardenias..... per doz.....	75@ 3 00
Violets, single.....	50@ 60
double.....	15@ 25
Sweet Peas, orchid flowered.....	1 50
common.....	25@ 75
Mignonette..... per doz., 50c@1.00	
Pansies, cut.....	50@ 1 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	1 50@ 2 75
Freesias.....	1 50@ 2 00
Tulips.....	1 25@ 3 00
Flamingo.....	4 50@ 5 00
White Lilac..... per bunch, \$0.75@1.25	
Snappedragons..... per doz., 1.25@ 1.50	

United Cut Flower Co., Inc.
WHOLESALE

111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
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Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
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HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK



"Long Lost" Lettuce

Pkt., 25c; oz., 50c; 2 oz., 90c; ¼ lb., \$1.50; ½ lb., \$2.75; lb., \$5.00, postpaid. ¼ off to the trade.

The most wonderful Lettuce produced in the whole world during the past one hundred years. Excels all others on the market as a shipper, as a keeper, in quality, in sweetness, in flavor, in color, in profits, in reliability, in hardiness.

Produces the best early heads, large heads, sure heads, solid heads, compact heads, tender heads, globular heads, firm heads, uniform heads.



LONG LOST LETTUCE.

The Jewel Recovered.

On June 8, 1915, Mr. Carl Hoffacker, of Union Co., N. J., writes: "Although weather conditions were not exactly favorable, your 'Long Lost' Lettuce seed produced most solid, tender, white heads, proving it a 'Jewel Recovered,' and giving more satisfaction than any other variety grown."

On July 10, 1915, Mr. A. E. Steffa, of Tama Co., Iowa, writes: "In a trial of 27 varieties of Lettuce, your 'Long Lost' Lettuce stood at the head for solidity of head and long-standing, also was the most uniform."

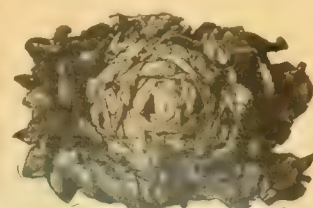
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On June 7, 1915, Mr. Henry Tubbs, of New Haven Co., Conn., writes: "Your 'Long Lost' Lettuce is all O. K., and next Spring I shall get all my seeds from you."

On June 21, 1915, Messrs. Gibney Bros., of Marion Co., Mo., write: "We set out a fine lot of transplanted 'Long Lost' Lettuce plants. They grew fine and made a fine lot of heads, very large and creamy. We think it a fine Lettuce and will try it again this Fall."

On June 19, 1915, Mr. Wm. B. Hill, of Clermont Co., Ohio, writes: "I gave your 'Long Lost' Lettuce seed an outdoor test and must say it is fine. Can't be beat. But it has been so awfully wet here. Finest flavored, better than I ever ate. All who have eaten it pronounced it fine. Will give it a better trial next year. Will get it out earlier."

On Oct. 8, 1915, Mr. George E. Bradley, of Aroostook Co., Maine, writes: "The 'Long Lost' Lettuce seed I bought of you last Spring has done the best I ever had any Lettuce do, both in greenhouse and garden."



LONG LOST LETTUCE.

The Jewel Recovered.

As a splendid shipper, "Long Lost" Lettuce far surpasses every other Lettuce, including the Big Boston.

As we started with less than an ounce of seed, you can quickly realize the amount of seed we have produced this year is very limited. We, therefore, urge you to send us your orders immediately if you want to grow the "Long Lost" Lettuce this season.

The famous Tomato grower, John Baer, says "Long Lost" Lettuce is the very best Lettuce the market gardeners ever knew. There has never been any Lettuce equal to it, for it is something extra good.

On June 21, 1915, Mr. I. R. Schnebly, of Grundy Co., Iowa, writes: "The 'Long Lost' Lettuce seed grew fine. It is very handsome in appearance, excellent flavor, and the most valuable variety I have ever grown."

On June 26, 1915, Mr. Ben H. Keely, of Cecil Co., Md., writes: "I received an order of 'Long Lost' Lettuce seed from you early in the Spring and it has proven to be the most wonderful Lettuce I have ever grown."

On July 24, 1915, Mr. G. Ralph Laighton, of Rockingham Co., N. H., writes: "I take pleasure in saying that your 'Long Lost' Lettuce has done splendidly with me this season. The heads were very large, solid and crisp, and the flavor excellent. I have another crop of 'Long Lost' Lettuce that will be maturing soon and have also sown seed for a late crop. I shall continue cultivation of the 'Long Lost'."

On June 7, 1915, Mr. S. W. Carman, of Lancaster Co., Pa., writes: "In regard to your 'Long Lost' Lettuce, there is none better or as good. It beats any I ever had in quantity and nice, tender heads. Flavor can't be beat."

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THE MOST WONDERFUL MARKET GARDENERS AND SHIPPERS LETTUCE PRODUCE IN THE WHOLE WORLD DURING THE PAST ONE HUNDRED YEARS

PRICES "LONG LOST" LETTUCE.
Pkt. 25c., oz. 50c.; 2 oz., 90c. ¼ lb. \$1.50, ½ lb. \$2.75, lb. \$5.00, postpaid. 1-3 off to the trade.

THE ABOVE CUT IS A ONE COLOR REPRODUCTION OF THE FRONT AND BACK COVER OF
Bol-giano's Beautifully Illustrated 1916 Catalogue
Send for a copy in colors—it's Free
showing the wonderful "JOHN BAER" TOMATO and "LONG LOST" LETTUCE in exact size and color, and giving numerous letters of testimony as to their merits, besides containing 80 pages of instructive garden news

1818 J. BOLGIANO & SON 1916
ALMOST 100 YEARS SELLING TRUSTWORTHY SEEDS
GROWERS OF PEDIGREED GARDEN AND FLOWER SEED

QUALITY.

Earliest and best in 28 varieties; brilliant, deep red color; smoothest; no core; almost free from seed; delicious flavored; far more solid and meaty than any other; no culls; ripens even up to the stem; perfect beauties; uniform in size and ripening; picks two to one to any other variety; from 105 to 122 perfect fruit to the vine; a perfect shipper; blight proof.

"John Baer" Tomato

Pkts. 25c. & 50c., oz. \$1.50, 2 oz. \$2.50,
¼ lb. \$4.50, ½ lb. \$8.00, lb. \$15.00, 2 lbs. \$25.00
¼ off to the trade.

After having been successfully grown by the leading florists, market gardeners, truckers and farmers in every tomato growing State in the United States, Canada, Mexico, Cuba and many of the European countries, it is pronounced by all to be **The Earliest and Best Tomato on Earth.**

EARLINESS.

Ten days earlier than Earliana in Canada; the earliest Tomato in New Jersey; 10 days earlier than Globe in Florida; planted six weeks later but came first in Texas; 3 weeks ahead of any in Virginia; 3 weeks ahead of any in New York; 3 weeks ahead of any in Washington; 2 weeks ahead of any in Maryland; set out May 30, picked ripe fruit June 17, in New York.

1916

Bol-giano's

"JOHN BAER" TOMATO

FOUNDED 1818 ESTABLISHED 98 YEARS

John Baer—Himself
Gives a Friendly but Earnest Notice to His Friends and Fellow Market Gardeners.
Baltimore Co., Md., Jan. 1, 1916.

I hereby inform my Many Friends, the Market Gardeners, Cannermen, and the Public in General, I have placed my entire 1916 supply of "John Baer" Tomato Seed, which I personally grew and selected, with J. Bol-giano & Son, of Baltimore, Md. Any seed offered by any other source is not my production, and I cannot feel morally responsible for the results it may produce.

I have given this Tomato my greatest care and attention for many years and take pride in seeing that my Fellow Market Gardeners are getting only seed that truly represents the result of my lifework. (Signed) JOHN BAER.

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SHIPPING FRUIT IN 30 DAYS
"JOHN BAER" TOMATO
PRODUCES PERFECT SOLID HIGH-CROWN BEAUTIFUL EARLY SHIPPER TOMATOES IN 30 DAYS FROM LARGE STRONG WELLS MAY BE SET PLANT IN 30 DAYS IN BANDS WITH ROOTS PLANT IN 30 DAYS IN BANDS WITH ROOTS PLANT IN 30 DAYS IN BANDS WITH ROOTS

J. BOLGIANO & SON
ESTABLISHED 98 YEARS
GARDEN FIELD FLOWER and LAWN SEEDS POULTRY FOODS and SUPPLIES
Pratt Light and Elliott Sts BALTIMORE MD

PRICES "JOHN BAER" TOMATO.

Original Seed Only.
Pkts. 25c and 50c., 1 oz. \$1.50, 2 oz. \$2.50, ¼ lb. \$4.50, ½ lb. \$8.00, lb. \$15.00, 2 lbs. \$25.00. All postpaid.
1-3 off to the trade.

Produces perfect, solid, high crown, beautiful, brilliant, deep red shipping tomatoes in 30 days from large, strong, well matured plants in veneer bands, with roots undisturbed.

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Fifty to 100 fruit to each plant. Ripens evenly, right up to the stem. Twenty-four fruit exactly fill a six-carrier basket.

Each beautiful "John Baer" Tomato weighs about 6½ ounces. Mild, deliciously sweet flavor. The finest flavor you have ever tasted.

Most perfect High Crown Tomatoes ever grown, entirely free from core. Just enough foliage—will stand plenty of sunning up to going to vine. Set plants 33½ feet.

Almost seedless; it requires 6 to 8 bushels of "John Baer" Tomatoes to make one pound of seed.

No cripples, no scalds, no blight, no cracked, no wrinkled, no one-sided, uneven, scarred fruit. When dead ripe will not burst.

The "John Baer" Tomato is the result of Fifteen Generations of Improvement and Selection for earliness, quality, shape, fruit, color and shipping quality.

Falmayra, N. J., June 10, 1915.

Messrs. J. Bol-giano & Son, Dear Sirs:—Last Winter I sent to your store and bought some "John Baer" Tomato seed. On Thursday, the 17th of June, I picked a number of fine, ripe Tomatoes and have picked some every day to date. I planted them in the open field April the 21st. If we had not so much cold and cloudy weather in May I think I could have picked by the first of June. I planted them in the same field with "Earlianas" and they are far ahead.

Yours very truly,
(Signed) PENNEL COOPER.

Originator's seed is scarce this year; demand is heavy. We urgently advise you to order at once to be sure of obtaining your supply of this wonderful tomato.



JOHN BAER TOMATO.

The Earliest and Best Tomato on Earth.
From Market Growers' Journal of Louisville, Kentucky, Sept. 1, 1915.

"John Baer" has withstood the rigors of this season the best of all the varieties we have, which include also Bonny Best, Earlibell and June Pink. The excessive rains of the last four weeks have caused our entire plantation to become affected with the oedema. The John Baer, however, does not seem to suffer from it, as a very much smaller proportion of its foliage dies than with the other varieties. "John Baer" is a very good variety for heavy soils. —Maplehurst Gardens, Southern Michigan.

G. BRUNNER'S SONS, FLORISTS,
Cincinnati, Ohio, Feb. 7th, 1915.

J. Bol-giano & Son, Gentlemen:—Out of 50 "John Baer" plants I picked on an average of a half bushel every other day, when on my other plants I did not average a small measure a day. By me "John Baer" is more than you claimed for it in your ad, last year.



JOHN BAER TOMATO.

The Earliest and Best Tomato on Earth.



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.25	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5.....	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Cincinnati.

FAIR ST. VALENTINE'S DAY TRADE.

The demand for stock for St. Valentine's day was good, but not strong enough to clean up all receipts. At the end of the business some double violets, lily of the valley and orchids were left over. Single violets, sweet peas, red roses and red carnations sold very well and, taken as a whole, business for the day was very good. The supply in the market was fairly large, and with the exception of roses, able to take care of all present requests. Roses are still rather short, but with an even break in weather, should be in a better supply at the end of a fortnight. American Beauties are good and are plentiful and may be had in all sizes. The carnation supply is good and about sufficient for present requirements. Easter lilies are plentiful. Dutch hyacinths and tulips in quantities have been added to the list of smaller bulbous stocks. The supply of greens is easily sufficient for present needs.

CLUB MEETING.

The florist society's February meeting at Labold & Newburgh's was well attended in spite of the extremely cold weather. The preliminary flower show committee's report was almost holding a fall show this year. The society adopted a resolution whereby the club will ask the governor of Ohio and the mayors of Cincinnati and adjoining cities, to say "a bright flower for mothers living, and a white flower for mothers dead," instead of white carnations, when these executives issue their Mothers' day proclamations. The society will also ask all Ohio societies to do the same in their respective localities. After the meeting music and songs by a string trio, "served" with refreshments, took up the balance of the evening.

NOTES.

Ed Buschle is recovering from his recent operation and expects to leave the hospital during the present week.

C. E. Critchell has been getting in a nice line of Dutch hyacinths and tulips in addition to daffodils and jonquils.

P. J. Olinger had a good supply of red roses and red carnations for St. Valentine's day. All sold quickly.

Visitors: Alfred J. Vander Horst, St. Mary's, O.; Fred Rupp, Lawrenceburg, Ind.; Jos. Hill, Richmond, Ind.; S. S.

Skidelsky, Philadelphia, Pa.; A. M. Anderson and A. M. Hanson of A. L. Randall Co., Chicago, and G. Hampton, representing Jos. G. Neidinger, Philadelphia, Pa. H.

New York Notes.

We have had frequent occasion to notice the activities of Joseph Trepel, who conducts six stores in Brooklyn, and necessarily does a large business. We recently called at his Greenpoint store, 805 Manhattan avenue. The interior finishing is unique and it might be taken for a hunting lodge, were it not for the profusion of flowers. The whole interior is covered with white birch bark, which also recalls the lodges of the original Americans, who were here long before that wonderfully capacious ship, the Mayflower, came over.

Fred H. Wilshire, foreman for John Condon, of Brooklyn, has just returned from a southern trip of three weeks, being accompanied by Mrs. Wilshire. They visited Philadelphia, Baltimore, Washington, Norfolk and other points and enjoyed themselves immensely.

The carnation, Laddie, as exhibited at the florists' club meeting, was greatly admired. It is a large flower and has beautiful shading of the petals, the centre being bluish pink, the outer petals more of the Enchantress shade.

August Millang, one of the well known Millang brothers, has a nice store and greenhouses at the corner of Pulaski street and Stuyvesant avenue, Brooklyn. He has also another good store at Jamaica.

The schedule committee for the national show held its final meeting at Secretary Young's office, February 15, and completed all details for final schedule to be sent out March 1.

Sargent & Tooker have been for a number of years located at 1061 Flatbush avenue, Flatbush. Their store is very neat and tasteful and they have a good trade.

John Donaldson of Patchogue, L. I., was in the city February 10 and gave the boys of the florists' club team a few lessons in bowling. Come again, John!

Thomas Reynolds, 757 Manhattan avenue, Brooklyn, is one of the older florists of that section. He has a good store and a nice business.

Herman Weiss, who recently started in business for himself at 106 West 28th street, is handling a good line of stock and is making good.

Retail Florists



Now is the time to prepare your advertising for February, March and April, covering

Easter Mothers' Day Spring Planting Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

W. G. Boyd, manager of the D. Y. Mellis range, recently returned from a short visit to his old home in Rochester, N. Y. He reports the florists and nurseries of Rochester as very much on the map.

Visitor: A. N. Pierson, Cromwell, Conn. A. F. F.

New York Bowling.

Scores of the New York Florists' Bowling Club rolled February 10 were as follows:

Miesem	152	176
Fenrich	156	178
Scott	167	146
Jacobson	144	152
Riedel	149	163
Kakuda	145	151
John Donaldson	159	190
Alex. Donaldson	166	175
Niquet	168	151
P. J. Smith	151	...

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone. Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Slevens & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



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CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

**J. H. SMALL & SONS,
FLORISTS**

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: **NEW YORK**
We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

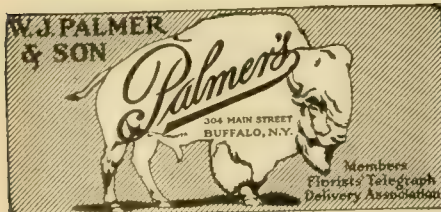
For Wisconsin Delivery

—or—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August E., Louisville, Ky.
Begerow's Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Freidman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo, N. Y.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldorchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westery, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chicago.
Schling, Max, 22 W. 59th St., New York.
Smith & Feters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trenel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.

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Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery
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LEADING FLORISTS OF THE NORTHWEST

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Gudes'

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1017 Grand Avenue

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Denver, Colo.

The Park Floral Co.

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President

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Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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CLEVELAND

EUCLID AVENUE

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—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

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1338 O Street, LINCOLN, NEB.

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Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch " 1808

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And 49th St., NEW YORK

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota, and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

Young & Nugent, New York.
Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Nevell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave., and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

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Mail or telegraphic orders promptly and most
carefully executed.

Kansas, City, Mo.

A. Nevell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

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Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Canada's best known and most reliable florist

Only
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We deliver anywhere in Canada and guarantee
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THOS. F. GALVIN INC.

561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
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Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

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Wholesale and Retail

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller The Florist
222-223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
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Member Florists' Telegraph Delivery.

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FLORISTS

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Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heidl)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

KANSAS CITY,
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Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing



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Mangel
The Palmer House Florist
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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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"Some Florist"

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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

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Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

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BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
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Floral Designs and
Choice Cut Flowers

Portland Flower Store

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Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

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Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discounts.
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Dreer's Famous American Asters



DREER'S SUPERB LATE BRANCHING ASTERS

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors, viz.:

	Trade pkt.	Per oz.
Azure Blue. A rich, deep lavender.....	\$0.25	\$1.00
Pure White. Extra fine stock .....	.25	1.00
Shell Pink. An exquisite shade .....	.25	1.00
Rose Pink. A very desirable color.....	.25	1.00
Deep Rose. Rich and brilliant.....	.25	1.00
Deep Purple. Royal deep purple.....	.25	1.00
Lavender. A pale grayish-lavender.....	.25	1.00
Crimson. Very rich.....	.25	1.00
Finest Mixed. All the colors.....	.25	.75

The above is but one of our many fine varieties, for complete list and prices see our General Wholesale Price List.
Copies free to Florists on request.

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Boigiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED CHICAGO: W. N. Arterburn, of Wood, Stubbs & Co., Louisville, Ky.

ORANGE CITY, FLA.—Albert Dickinson and wife, of Chicago, are greatly enjoying their winter stay here.

CINCINNATI, O.—Two carloads of commercial beans are reported seized by the United States authorities as unfit for food.

AKRON, N. Y.—George W. Fisher, proprietor of the Akron Seed Co., died at the home of his son, February 3, aged 75 years.

DUTCH mail remittances for American bulbs are reported missing, probably taken off Dutch mail steamers by the British authorities.

TWO RECENT BULLETINS of the Colorado Experiment Station, at Fort Collins, are "Forage Crops for the Colorado Plains," and "Studies of Health in Potatoes."

ONE French grower claims Narcissus Paper White Grandiflora crop of 1916 will be five francs higher than last year. Others predict only one to two francs increase.

ROCKFORD, ILL.—Condon Bros. report that the state board of administration has awarded them contracts for supplying practically all seeds to the various state institutions for this year.

IN order to make competition more stringent along the line of free distribution of government seeds, against the American seed merchant, seeds grown abroad and consigned to the department of agriculture are entitled to entry duty free.

CHICAGO.—Prices for grass seed on the Board of Trade, February 16, were as follows: Timothy, \$6 to \$8 per 100 pounds.—Vaughan's Seed Store reports wholesale mail order trade on all lines as excellent. It is reported that 10 carloads of onion sets have been rejected in Oklahoma City.

SPRINGFIELD, O.—Gustav Schneider, the florist, was sued in local common pleas court on September 7, 1915, by the Luther Burbank Co. for \$300, with interest at six per cent from October 24, 1914, claimed due on three promissory notes. He brought a counter-suit and on February 10 was awarded the sum of \$86 against the plaintiffs.

FARIBAULT, MINN.—The Farmer Seed & Nursery Co. has purchased the business of the Faribault Seed Co., of this city. They will continue the business under the old name as their up-town retail store. The Faribault Seed Co. has been in existence about 20 years. The Farmer Seed & Nursery Co. reports a record-breaking mail order business up to this date as compared with the previous season and an increase of 60 per cent is shown. The item most sought for is seed corn.

California Conditions.

The seed growing sections have been reveling in sunshine for a week, according to telegraphic reports received February 16, and late planting is being rushed. All the growers are busy hoeing and cultivating. The abundant rainfall has caused no serious damage, but gives promise of good crops if future conditions are favorable. The 1916 crop onion seed is fully contracted and further orders are being refused by all growers.

Seed Trade Legislation in New Jersey.

Clever and able representatives of the seed trade in New Jersey and New York appeared before the house committee of the New Jersey legislature on agriculture at Trenton, February 8, to protest against the passage of house bill No. 34, introduced by Roberts of Moorestown, Burlington county, January 17, entitled an act regulating the selling, offering or exposing for sale of agricultural seeds in the state of New Jersey. Among those present were Marshall Duryea, of the Henry Nungesser Seed Co., Hoboken, N. J.; Patrick O'Mara, of Peter Henderson & Co., New York; Alexander Forbes, president of the J. F. Noll Co., Newark, N. J., and Curtis Nye Smith, counsel for the American Seed Trade Association. Representatives of H. A. Dreer, Inc., Philadelphia, Pa., and other firms were also in attendance. A bill along the same lines has been introduced in the senate by Mr. Ackerson, but the house bill is the more drastic. Well informed seedsmen consider the Roberts bill as impracticable and impossible. It has passed its second reading, but is likely to have a rocky road to travel if it ever becomes law.

The Early Mail Trade.

We have received reports as follows from a number of firms doing catalogue business:

L. L. May & Co., St. Paul, Minn.—Our comparison of the mail business with a year ago is hardly a fair basis as our catalogues went out about two or three weeks later than in 1915. The month of January has been exceedingly cold with much snow, which undoubtedly has prevented the volume of business which we ordinarily would have had if conditions were more normal. Our January business is not up to that of a year ago, but we have a strong feeling that the season of 1916 will be one of the best the seedsmen have had for a number of years. Our seed orders in our wholesale seed department are ahead of a year ago for January. There

seems to be a brisk demand for packet and bulk seed from the country merchants.

W. Atlee Burpee & Co., Philadelphia, Pa.—Because of the delay in getting our covers and colored inserts we were two weeks late in the first mailing of our catalogue and for that reason January business of this year was a little behind 1915. At the present time, however, we have mailed about 40,000 catalogues more than last year and we are still receiving applications for catalogues way in advance of any preceding year. In fact, some days the individual applications exceed the corresponding day of last year by as many as 6,000. The average amount of our orders is well above last year and everything is pointing towards a fairly good season.

Stokes Seed Farms Co., Inc., Moorestown, N. J.—We are glad to report a gain of practically 100 per cent in the gross volume of our business to date over and above the figures at a corresponding time last season. This, in the face of two very general storms which have affected all of the north Atlantic states, is certainly most encouraging for the season's outlook.

Vaughan's Seed Store, Chicago and New York.—Chicago mail trade has been probably 10 per cent below last year to date. At our New York store mail order business is running ahead of last year.

John A. Salzer Seed Co., LaCrosse, Wis.—Our January mail order business showed an increase over 1915 of 20 per cent with less catalogues out.

R. H. Shumway, Rockford, Ill.—My mail trade since January 1 has not exceeded three-fourths of that of same dates of 1915.

A. Currie & Co., Milwaukee, Wis.—Our January business was fully equal to last year.

LOS ANGELES, CALIF.—The West Coast Seed Co. has removed from East Seventh street to 620 South Spring street, nearer the center of the business district.

HELENA, MONT.—The State Nursery Co. will erect a four-story seed warehouse to cost \$30,000. The new building will be equipped with conveyors and seed cleaning machinery and will be up-to-date in every respect.

Alfred J. Brown Seed Co.

Growers of

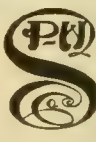
Peas and Beans

Grand Rapids, Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed... .25c
1 oz.\$2.25

Price list on application.

Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

New York Seed Trade.

The store force at Weeber & Don's is now exceptionally busy with filling and shipping orders which are reaching them in unusually large volume, but they are well prepared to handle anything that comes their way. John Morrison, well known among private gardeners, is again on the road to visit his many friends in the interest of this firm. This time he is speeding through the country in his new automobile.

The MacNiff Horticultural Co. has recently added a very fine stock of garden furniture, consisting of rustic vases, chairs, tables, etc. In a short time this firm expects to open a new addition, its third store.

Loewith, Larsen & Co. say they only represent a European concern in the claim against the Griswold Seed Co., mentioned in our issue of February 12.

Gladiolus Tariff Decision.

Gladiolus bulbs—Mother flowering bulbs.—Gladiolus bulbs classified at 50 cents per thousand are claimed free of duty under paragraph 210, tariff act of 1913, as mother flowering bulbs. Opinion by Waite, G. A. It was found that the bulbs in question are mature mother flowering bulbs imported exclusively for propagating purposes. They were held entitled to free entry under paragraph 210.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia, Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Field Seed Corn

We Grow for the Wholesale Trade.

We grow all the leading best varieties: planted from pure stock, carefully selected, hand picked: butt and tip ends taken off by hand: also milled, screened and graded: highest quality and grade. Write for samples and prices, with list of your requirements, in car lots or less.

Robinson's Code, Address

RATEKIN'S SEED HOUSE, Shenandoah, Iowa.

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

Mention the American Florist when writing

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season
to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Mention the American Florist when writing

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Mention the American Florist when writing

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz.

\$2 per 100; \$4.38 per case of 250;

\$17.50 per 1000

	Per 100	Case of 250	1000		Per 100	Case of 250	1000
Mlle. Berat, -	\$2.00	\$4.38	\$17.50	Richard Wallace, -	\$1.50	\$3.50	\$14.00
4½ ft. Rose Carmine.				4½ ft. Canary yellow.			
Bouvier, - - -	\$1.65	3.75	15.00	Florence Vaughan, -	1.65	3.75	15.00
5 ft. Dark crimson.				5 ft. Yellow, spotted crimson.			
Chas. Henderson,	1.65	3.75	15.00	General Merkel, -	1.65	3.75	15.00
4 ft. Bright crimson.				5ft. The best scarlet yellow edged variety.			

Strong, fresh, dormant roots, 2 and 3 eyes each, true to name.

PERISHABLE GOODS SHIPPED BY FREIGHT AT BUYER'S RISK.

For complete list of Cannas, also Caladiums, Begonias, Gladiolus and other Spring Bulbs, send for new Wholesale Catalogue, now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

Note Change of Address: 128 CHAMBERS STREET, NEW YORK

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

To Seedsmen and Seed Dealers A PROFITABLE PROPOSITION

If you have not our new (1916) CATALOGUES you should write at once for the prices of our world-renowned high-class

GARDEN AND FARM SEEDS

which are in the majority of cases raised and selected on our own FARMS at or near Langport, England.

KELWAYS' SEEDS AT KELWAYS' PRICES are a class in themselves. Catalogues or Forward Price Lists Sent Free to Genuine Seed Dealers on Application.

**KELWAY & SON, Wholesale Seed Growers,
LANGPORT, ENGLAND.**

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

**R. & M. GODINEAU
SEED GROWERS**

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Always mention The American Florist
when writing. : : :

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....\$ 9.00
Augusta, white.....11.50
Francis King, scarlet.....9.50
Panama, pink.....35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Contract Growers Of

Pepper	Tomato	Egg Plant	Spinach
Kale	Turnip	Okra	Radish
Sweet Corn	Field Corn		

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

100,000 GERANIUMS

READY NOW

Thousands more coming on every day, from 2 and 2½-in. pots, of Ricard, Beaute Poltevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, etc. \$2.25 per 100; \$20.00 per 1000. Fully as good as last year's. Try them
Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

ACACIA SEED

I have a surplus of A. Baileyana, A. Floribunda, A. Longifolia and A. Latifolia, all 1915 stock. As long as it lasts it will go at \$1.00 per lb. I have other varieties at regular prices. Above price is F.O.B. Los Angeles. Make check payable to

GEORGE H. HOPKINS, Eagle Rock Sta.,
Los Angeles, Calif.

Mention the American Florist when writing

Spring Bulbs

A Most Complete General Line at both Chicago and New York

For Seedsmen
For Florists

Vaughan's
Seed Store
CHICAGO
NEW YORK

GLADIOLUS

Grown in the U. S. by Vaughan's Seed Store
Per 100 Per 1000

AMERICA, Extra, 2¼ to 3-in., thick heavy bulbs.....	\$15.00
AUGUSTA, Extra, big ones like above	15.00
America, 1st size.....	\$1.25 10.00
Augusta, 1st size.....	1.25 10.00
Chicago White, 1st size.....	3.00 25.00
Mrs. Francis King, 1st size.....	1.25 10.00
Halley, 1st size.....	2.00 18.00
Princeps, 1st size.....	2.50 22.00
Mrs. Frank Pendleton, 1st size.....	9.00 85.00
Niagara, 1st size.....	4.50 40.00
Panama, 1st size.....	4.00 35.00
Primulinus Sunbeam, 1st size.....	18.00
Baron J. Hulot (Dutch Grown).....	2.50 20.00
Chicago Salmon, 1st size.....	4.50 40.00
Velvet King, 1st size.....	3.00 25.00
Hyde Park, 1st size.....	5.00 45.00
Vaughan's XXX Florist Mixture 1st size.....	1.75 15.00
Extra Fine Mixed, 1st size.....	2.00 18.00
Good Mixed, 1st size.....	1.00 8.50
And all Other Leaders	

CANNAS--Dormant Roots

Subject to Change March 1.

Allemania.....	Per 1000 \$25.00
Burbank.....	25.00
Buttercup.....	40.00
David Harum.....	22.50
Egandale.....	22.50
Florence Vaughan.....	20.00
Hungaria.....	35.00
KING HUMBERT.....	30.00
Louisiana.....	22.00
Mad. Crozy.....	22.50
Mrs. A. F. Conard.....	35.00
Queen Charlotte.....	25.00
Souv. d Antoine Crozy.....	25.00
Wm. Saunders.....	50.00
Venus.....	30.00
FIREBIRD, best scarlet, green leaved, grand companion to King Humbert, .....per 100, \$20.00; 180.00	

CALADIUM Esculentum

	Per 100	Per 1000
5-7 inches.....	\$ 1.75	\$ 15.00
7-9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00
Caladium, fancy leaved, choice named, very fine, 25 for \$3.50.		

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flowering strains. Quality inspected by our Mr. J. C. Vaughan in Belgium.

Single sorts, white, scarlet, Doz. 100	1000
yellow, pink, orange, salmon.....	50c \$3.00 \$25.00
Single Mixed.....	40c 2.60 23.00
Double sorts, white, scarlet, yellow, pink, orange, salmon.....	60c 4.00 \$5.00
Double Mixed.....	50c 3.50 30.00

TUBEROSES True Dwarf Pearl

Carload lots of bulbs are in warehouse, frost free, and ready for shipping. Per 1000
First size, 4-6 inches.....\$9.00
Medium size, 3-4 inches.....5.00

GLOXINIAS Crassifolia Grandiflora

All the spotted and Tigered variations in sound bulbs.
Separate colors.....Per 100 Per 1000
Mixed colors.....\$5.00 \$40.00
4.00 35.00

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, February 15.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 25 to 27½ cents; radishes, 25 cents to 60 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.25; cucumbers, dozen, 75 cents to \$1.00.

New York, February 15.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.50 per drum; mushrooms, \$1.40 to \$1.75 per 4-pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 15 cents to 60 cents.

Grading and Packing Cantaloupes.

Central packing houses in areas where the production of cantaloupes is an important industry are suggested in Farmers' Bulletin, No. 707, of the United States department of agriculture, as a means of solving some of the problems of the grower. About one-half of the trouble in marketing cantaloupes, says this bulletin, appears to rise from the difficulty of securing a steady and properly prepared output of uniform grade, quality and appearance. This difficulty would be overcome to a large extent if individual growers in any community produced crops of the same variety and quality, handled them in the same way, and were both competent and willing to grade and pack them correctly.

A very important factor in securing the desired attractiveness is uniformity. Under the present system, grading and packing is frequently done by the same man. This, in the opinion of specialists in the department of agriculture, is a mistake. Whenever possible the packer should be left free to give his attention to securing a pack of standard count which is both tight and attractive. The grader should have thrown out beforehand all undesirable fruit and also should have graded the cantaloupes according to their ripeness. Fruit designed for long journeys should be packed when less mature than that intended for marketing near at hand.

The packing of cantaloupes would be simplified and the packages made more attractive by the use of a much smaller variety of containers. The full sized standard crate and standard flat crate meet most of the demands of the market and should be used whenever practicable. Whatever type of crate is used, it is important that the melons in each container should be of the same size. This is insisted upon by dealers who supply large restaurants, hotels, railway dining cars, and similar institutions. In consequence, the market discriminates against crates in which large and small cantaloupes are packed together.

Spring Tomato Crop.

For the spring tomato crop, seeds should be sown at once if not already up. This is especially true where a warm house is not at hand. If we have the advantage of a house at 60°, good plants can be produced in six or seven weeks; however at 50° much more time is needed. We have seen cases where tomato seeds were hard to sprout, owing to low temperatures. In such a case, if no warm spot can be found, we resort to the manure hot bed inside of the greenhouse. By furnishing bottom heat, and covering with sash or cloth we can sprout the seeds readily, and as soon as well up we can remove the covering to harden the plants. By keeping the seedlings on the manure bottom heat, as long as possible, we can generally get through the winter months, when conditions will be more favorable.

As regards varieties, we need a larger tomato for the spring trade than in winter; we have found Bonny Best, the best scarlet and Beauty or Globe the best pink varieties. The Bonny Best is a trifle small, but it is wonderfully regular and perfect, and with a little extra feeding can be brought up to the required size. Tomato plants do well in a fairly rich soil, and we obtain it by mixing 2-3 garden soil with 1-3 spent hot-bed manure; and by restricting moisture to actual needs, we can regulate growth. Under no condition should the plants be allowed to grow soft and rapidly; what we need is a short-jointed sturdy growth and powerful roots. It is surprising how much drying they stand; if in danger during a sunny spell we syringe them several times a day, yet keeping the roots dry.

MARKETMAN.

BEATRICE, NEB. — The Dole Floral Co. has declared a cash dividend of seven per cent.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Mention the American Florist when writing

Plant Beebe's Early Prolific Tomato

For the early market.

It is the earliest and most prolific of all tomatoes. Is of medium size, flesh very solid with small seed cavities. Color bright red, skin tough, making it an excellent shipper. Continues bearing from early in June until cut by frost.

Pkt., 20c; oz., 75c; ¼ lb., \$2.00.

Write for Catalogue.

English or German.

German Nurseries and Seed House

BEATRICE, - - - NEB.

Glass Cloth

A transparent waterproof fabric which generates about the same warmth and light as glazed sash.

For all outdoor forcing.

TURNER BROS., Box 7, Bladen, Neb.

Mention the American Florist when writing

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ¼ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.



YOU NEED THE BIG MONEY MAKER OF 1916.

Champ Weiland

Exquisite Pink in color—Remarkable in size, beauty and foliage.

Orders filled
strictly in the
Order as booked.

Strong Grafted Plants Ready in March and April

100 plants for . . \$35.00 500 plants for . . \$150.00
250 plants for . . 82.50 1000 plants for . . 300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery February.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

BOX WOODS—Most Beautiful Stock

Pyramids, 2 -ft. \$1.00 each
Pyramids, 2½-ft. 1.50 each
Pyramids, 3 -ft. 2.00 each
Pyramids, 3½-ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2-ft. 1.50 each
Nice Bushes, 15-in. 35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Spring List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO.

Mention the American Florist when writing

BEGONIAS Strong 2½ inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.	\$15.00	\$120.00
Lorraine, 2½-in.	12.00	100.00
Chatelaine, 2½-in.	5.00	40.00
3 -in.	8.00	75.00
Vernon, 2½ and 3-in.	4.00	

Primroses. Per 100
Obconica in bloom, 3-in. . . . \$ 6.00
 " 4-in. . . . 9.00
 " 5-in. . . . 15.00
Malacoides, 3-in. 6.00

Geraniums.
Nutt, Pressily, Gen. Grant, strong
2½-in., \$25.00 per 1000. Wilmette,
largest and best Pink Geranium,
\$50.00 per 1000.

Ice Plant.
Best for Hanging Baskets. Fine Stock.
2½-in. \$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Coleus—Six best varieties.
2½-in. \$25.00 per 1000
Curly Queen, best for baskets.
2½-in. \$25.00 per 1000

Marguerites
2½-in. \$25.00 per 1000

Fuchsias.
Three varieties, 2½-in., \$25 per 1000

Salvias.
2½-in. \$25.00 per 1000

NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5-in., 75c; 6-in., \$1.00; 7-in., \$1.50 each.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

CANNAS

Strong 2 and 8 eye divisions freshly divided from clumps same day shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier
Black Prince
Egandale
Eldorado, large flowered,
yellow.
Feuermeer
Garam, \$4.00 per 100.
Hungaria, \$3.00 per 100.

Indiana
Italia
Julius Kock
King Humbert, \$3.00 per 100;
\$25.00 per 1000.
Koros, \$6.00 per 100.
Louisiana, \$4.00 per 100.
Mephisto

Mrs. Geo. A. Strohle
Mrs. Karl Kelsey
Mrs. Kate Deemer, \$4.00
per 100.
New Chicago
Prince Wied
Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite Bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

VISITED CHICAGO: C. B. Knickman, with McHutchison & Co., New York.

Damping Off Control.

Damping off of coniferous seedlings has been one of the worst enemies of nurserymen. This is caused by several parasitic fungi which attack and rot the stem and root of young seedlings. The loss from this source is not generally appreciated, for the poor stand of seedlings is frequently laid to poor germination. While the loss in one year from this cause may amount to but 10 per cent, yet in the next year damping off may cause a total failure of the stand. This uncertainty of crop has resulted in the high cost of coniferous trees for forest planting and has in the past caused American nurserymen to purchase their seedling stock in Europe. On account of the white pine blister rust and the pine shoot moth introduced on imported pines from Europe, an embargo has been placed on all pine nursery stock grown in Europe. This makes it doubly important that the damping off of seedlings be controlled, according to the United States department of agriculture.

A measure of control has been secured at some nurseries by the use of sterile subsoil in small scale experiments, but this is not altogether practicable when considered on a large scale. Excessive moisture and shade in the seed bed should be avoided. Seeds should not be sown any thicker than necessary to secure a good stand, for a crowded stand makes it easier for the damping-off fungi to spread from one plant to another. Sowing in summer or late fall has resulted in decreased losses at some nurseries and is worthy of trial. Soil disinfection, however, has proved the best method of combating the disease. Sulfuric acid, copper sulfate, zinc chloride and formaldehyde have given better results than a large number of other chemicals used, in experiments carried on in 21 different localities.

It is only possible to learn by trial just which chemical agent will best control damping off in any given locality or in a given soil. At most nurseries sulfuric acid has given the best results. Treatment with this acid not only reduces loss from damping off, but increases germination. The number of seedlings secured in the treated beds has ranged from one and one-quarter to 10 or even 20 times that secured in adjoining untreated beds. One of the most desirable features of the acid treatment is the reduction in the number of weeds. The saving in the cost of weeding has at one Nebraska nursery more than paid for the cost of the acid treatment. The reduction in the weeds and the stimulation given by the acid treatment has at a Kansas nursery resulted in jack pine seedlings three times the height of seedlings grown in untreated beds. Sulfuric acid is applied to the seed beds in a solution of water just after the

seed is sown and covered. From $\frac{1}{2}$ to $\frac{3}{4}$ fluid ounce of acid per square foot is dissolved in from one and a half to two pints of water, and applied with a paraffin-coated sprinkler. Care is necessary in the use of the solution to keep it from the clothes and shoes, because of its corrosive action. Chemical injury may result in some cases to the roots, and it then becomes necessary to sprinkle the beds during germination once or twice daily. When the seedlings have their roots down three quarters of an inch, there is little danger from chemical injury. The department of agriculture has a special bulletin dealing with "Injury by Disinfectants to Seeds and Roots in Sandy Soils." Individual conditions at each nursery must decide how much acid is necessary and whether special watering is needed to prevent acid injury to the roots.

Where there is a considerable quantity of carbonates in the soil, their presence being indicated by an effervescence when a strong acid solution is applied, acid is not likely to be effective as a disinfectant. Copper sulphate and zinc chloride have been found good substitutes. The range of use of these chemicals which have proved successful in controlling damping off is for copper sulfate $\frac{1}{2}$ to 5-16 ounce per square foot, and for zinc chloride $\frac{1}{4}$ to $\frac{1}{2}$ ounce per square foot. These should be dissolved in water as for the acid treatment. Both the copper and zinc salts have at times been found injuring the roots of seedlings. Special watering will prevent the injury.

Formaldehyde has been found injurious to seeds and must therefore be applied before seed sowing. At a Minnesota nursery best results were secured by applying nine days before sowing a formaldehyde solution of from $\frac{1}{2}$ to $\frac{3}{4}$ ounce per square foot, in from one and one-half to two pints of water. It is necessary to cover the seed bed immediately after applying the solution in order to secure thorough penetration, and to prevent the too rapid evaporation of the gas.

Heat sterilization of the seed bed has been of value at some nurseries, though this method of treatment is more expensive than the acid treatment. Of all the treatments acid should be given the first trial, since it has proved more successful on more soils than any of the other chemicals used. If any nurserymen contemplate the use of soil disinfectants, they should write to the department of agriculture, for specific advice adapted to their particular location, and keep the department informed of their experience.

EVERETT, MASS.—Henry M. Pratt, landscape architect, has filed a petition in bankruptcy; liabilities of \$1,523.51 and no assets.

BRAMPTON, ONT.—W. J. Jones, orchid specialist at the Dale estate, who has been suffering from a severe attack of pneumonia, is progressing favorably according to latest reports.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

Japanese-American Combination

ROCKERY

Specially made in hothouse.

Japanese landscape garden of any style constructed in a short time.

T. R. Otsuka, 414 S. Michigan Blvd.
CHICAGO.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.

Send for list—We sell to the Trade only

Jackson & Perkins Company
NEWARK, NEW YORK

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Palmsville,
Ohio.

HEAVY SHRUBS FOR IMMEDIATE EFFECT

ALL GROWING ON OUR OWN GROUNDS.

11,500 *Syringas* in variety 5 ft. 3,000 *Cornus Siberica*, 3 ft.-4 ft.
11,000 *Spiraea Van Houttei*, 3 ft.-4 ft. 40,000 *Privet Amoor*, 3 ft.-14-16 branched.
11,700 *Honeysuckle*, 3 ft.-4 ft. 2,300 *Lombardy Poplars*, 1½-2 in. diameter.
Also *Rosa Rubifolia*, *Spiraea Opulifolia*, *Silver Maples*, specimens, 2 in. diameter.

A BARGAIN IN QUANTITY.

Beaudry's Nursery Co., Growers For and Designers of CHICAGO
Landscape Improvements 700 Railway Exchange

DREER KENTIAS

GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 10 in. high..	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high..	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high.....			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high.....			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high.....			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high.....			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high.....			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4 1/2 to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5 1/2 to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6 1/2 to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

		Height.	Doz.	100	1000
2 1/4 in. pots,	4 leaves,	8 to 12 in.	\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5 leaves,	12 to 15 in.	2.00	15.00	140.00	
4 in. pots, 5 to 6 leaves,	15 to 18 in.	4.50	35.00	Each	
5 in. pots, 5 to 6 leaves,	22 to 24 in.				\$0.75
6 in. pots,	6 leaves,	28 to 30 in.			1.00
6 in. pots,	6 leaves,	34 to 36 in.			1.50
7 in. pots, 6 to 7 leaves,	38 to 40 in.				2.00
7 in. tubs, 6 to 7 leaves,	40 to 42 in.				3.00
8 in. tubs, 6 to 7 leaves,	45 to 48 in.				4.00
8 in. tubs, 6 to 7 leaves,	4 ft.				5.00
10 in. tubs, 6 to 7 leaves,	4 1/2 to 5 ft.				6.00
11 in. tubs, 6 to 7 leaves,	5 to 5 1/2 ft.				8.00
10 in. tubs, 6 to 7 leaves,	5 1/2 to 6 ft.				10.00
12 in. tubs, 6 to 7 leaves,	6 1/2 to 7 ft.				15.00
14 in. tubs, 6 to 7 leaves,	7 ft.				20.00

The above prices are intended for the trade only

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.

Mention the American Florist when writing



MADE-UP KENTIA

PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations. We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread.....			\$1.00
6 in. pots, 1 1/2 ft. high, 2 ft. spread			2.00
7 in. tubs, 1 1/2 to 2 ft. high, 2 ft. spread.....			2.50
8 in. tubs, 2 ft. high, 2 1/2 ft. spread.....			3.00
10 in. tubs, 2 to 2 1/2 ft. high, 2 1/2 ft. spread.....			5.00
10 in. tubs, 2 1/2 ft. high, 3 ft. spread.....			7.50

Miscellaneous Plants

	2-in.	2-in.	3-in.	3 in.
	100	1000	100	1000
Heliotrope, Mme. Bruant and Chilton.....	\$2.00	\$18.00	\$3.00	\$25.00
Lantanas, 6 varieties.....	2.00	18.00	3.00	25.00
Lemon Verbenas.....	2.00	18.00	3.00	25.00
Moonvine, white and blue	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argenteus, Dusty Miller.....	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Geraniums, Standard var.	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum, Heliotrope. Rooted cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.				
Canna Roots, \$2.00 per 100 and up.				

Cash with Order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing



Asparagus Plumosus Nanus

Note Reduced Price.

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.00; 5000 to 10,000 seeds at \$3.00 per 1000.

All other seasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

Mention the American Florist when writing

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chartard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

ASPARAGUS

Plumosus, 2¼-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3½-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000. —CASH—

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

BUDDLEIA ASIATICA

Fine pot plants at \$5.00 per 100, in bud. Rooted cuttings, \$2.50 per 100, Feb. delivery.

Geraniums, S. A. Nutt, \$12.50 per 1000; Ricard and Poitevine, \$15.00 per 1000; all sold until Feb. 17th.

ALBERT M. HERR, LANCASTER, PA.
Mention the American Florist when writing

COTTAGE MAID

A Sport of Mrs. C. W. Ward.

Will be disseminated 1916-17.

Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, Ellis, Mass.

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition.

Rooted cuttings, March delivery, \$12.00 per 100; \$100.00 per 1000. (Feb. delivery all sold.) Have a few hundred from 2 inch pots ready early in March, at \$15.00 per 100.

STANDARD VARIETIES					
	Per 100	1000			
Pink Sensation	\$6.00	\$50.00	White Enchantress.....	Per 100	1000
Alice	6.00	50.00	Rosette	3.00	25.00
Matchless	3.50	30.00	Mrs. C. W. Ward	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00
Yellowstone	3.00	25.00	Gloriosa.....	3.00	25.00
White Wonder	3.00	25.00			

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery, \$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., - Lafayette, Ind.

If YOU are interested in Mid-Winter
Blooming Plants

— or anything in —
Soft Wooded Plants

— Write —
Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Elmer D. Smith & Co.
CHRYSANTHEMUMS

Ask for catalogue.
ADRIAN, - - - MICH.

ROSES FOR FORCING

Grafted ready March 1st and later.
Own Root, now and later. All
2½ inch.

	OWN ROOT		GRAFTED	
	Per 100	Per 1000	Per 100	Per 1000
Ophelia.....	\$ 7.00	\$60.00	\$12.00	\$100.00
Hoosier Beauty.....	10.00	90.00	12.50	110.00
Mrs. Chas. Russell.....			14.00	120.00
Mrs. Geo. Shawyer.....	6.00	50.00	12.00	110.00
Pink Killarney	6.00	50.00	12.00	100.00
Double White Killarney	6.00	50.00	12.00	100.00
Killarney Brilliant.....	7.00	60.00	12.00	100.00

	OWN ROOT		GRAFTED	
	Per 100	Per 1000	Per 100	Per 1000
Mrs. Aaron Ward.....	\$ 6.00	\$50.00	\$12.00	\$100.00
Hadley.....	6.00	50.00	12.00	110.00
Millady.....	7.00	60.00	12.00	100.00
Prince d'Arenberg.....	8.00	50.00	12.00	110.00
Sunburst.....	7.00	60.00		
Geo. Elgar.....	8.00	75.00	12.00	100.00
Tip-Top (Baby Doll).....	25.00	200.00	30.00	250.00

CARNATIONS--Rooted Cuttings

Clean and Well Rooted.

New Reds—1916		Per 100	Per 1000
Nebraska		\$12.00	\$100.00
Belle Washburn		12.00	100.00
Aviator.....		12.00	100.00

Last Year's Novelties

Pink Sensation.....	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst.....	6.00	50.00

Standard Kinds		Per 100	Per 1000
Beacon		\$3.00	\$25.00
Enchantress Supreme		3.00	25.00
Matchless		3.00	25.00
Philadelphia		3.00	25.00
White Wonder		3.00	25.00
Ward.....		3.00	25.00
Rosette		3.00	25.00
Herald.....		3.00	25.00
Benora.....		3.00	25.00
White Enchantress.....		3.00	25.00
Enchantress		3.00	25.00
Gloriosa.....		3.00	25.00

3 Fine Specials

Ready now—Strong plants in 2¼ inch pots.
Heliotrope Centifleur—The best dark.
Begonia Chatelaine—Good for pots and bedding.
Petunias—Finest double sorts, propagated from cuttings; Pink, White, Purple and Variegated.

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New York

Nurseries and Greenhouses at Western Springs, Ill.

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....	\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengerl, 2 inch.....	3.00 per 100; 25.00 per 1000
“ “ 3 inch.....	\$5.00 per 100 (heavy)
Achyranthes Herbstl, dwarf, bright red.....	\$4.00 per 100
Boxwood, full list of sizes now on hand.	
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.	
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.	
FERNs. Boston, fine stock, 2¼ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.	
Fine Teddy, Jr., 2¼ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 5 inch pots, \$35.00 per 100 (very heavy); 6 inch pots, \$60.00 per 100 (very heavy).	
Azalea Mollis, mixed colors, 15 to 18 inches high.....	at 35c
Heliotrope, 2¼ inch, purple in variety.....	\$3.00 per 100
English Ivy, strong, 4 inch.....	\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Robert Craig Co...

High
Class

PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

MISS THEO.

The rose pink carnation which is always in crop.
Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

500 Alice at 6c; 500 White Wonder at 3c; 800 White Perfection at 3c;
700 Benora at 3c; 200 Ramsburg's Snapdragons, from 2½ in. pots, at 4c.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....		\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....		3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....		10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....		12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....		15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....		18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40
5-in. pot.....	6 to 7.....	18.....	.50
6-in. pot.....	6 to 7.....	24.....	1.00
6-in. pot.....	6 to 7.....	26.....	1.25
6-in. pot.....	6 to 7.....	28 to 30.....	1.50
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in.....	doz., \$1.00;	100, \$8.00

All first class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Oklahoma City.

ST. VALENTINE'S DAY TRADE HEAVY.

Daily fogs with an abundance of moisture have been the rule here for the last six or seven days, and it goes without saying that there will be little talk about methods of irrigation to offset the usually arid climatic conditions that obtain here for some months to come. The storemen say that business is good. The trade for St. Valentine's day was a record breaker; not only was the city trade heavy, but thanks to vigorous advertising on the part of some of the retailers, there was an unprecedented call from towns all over the state.

NOTES.

Furrow & Co. and the Stiles Co. both made unusually elaborate window displays February 12. Not only was there evidence of a plentiful supply of all seasonable kinds of cut flowers, but there was shown a seemingly endless variety of accessories for valentine purposes, every conceivable kind of a heart, arrow, and cupid were represented; the shapes, of course, were orthodox, but the materials they were formed of were multitudinous.

J. F. Hickey, formerly manager of the Barteldes interests in this city, is now secretary and manager of the firm of Lucas, Shannon & Hickey, wholesale seedsmen.

S. S. B.

Nassau County (N. Y.) Hort. Society.

The monthly meeting of the above society was held in Pembroke hall, Glen Cove, February 9, and was very well attended. Thomas Lucas was elected to active membership. An offer was received from one of our honorary members, of a silver cup for 10 varieties of gladioli, six spikes of each, to be competed for at our coming dahlia show which will be held in October. The competitive exhibits of the evening all called for carnations, and James Gladstone, Harry Goodband and George Gilder were appointed judges. Their report showed that Robert Jones had made a clean sweep in all three classes, being awarded first for 12 white with Matchless, first for 12 Pink with Philadelphia and first for 12 of any other color with Princess Dagmar.

John F. Johnson read a very interesting essay on "Botany and Its Use to Gardeners in Their Work." The

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.30	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
White Wonder.....	2.50	20.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Washington.....	2.50	20.00
Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Richmond.....	3.00	25.00
Sunburst.....	4.00	35.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

essay assigned to us this month by the National Association of Gardeners, was "Young Gardeners and Their Opportunities in America," by Henry Gibson of New York, who incidentally is a member of this society. Both es-

says were most ably written and proved very entertaining to all present. Robert Jones announced that he would give a prize of \$5 at our next meeting for the best 12 carnations. JAMES MCCARTHY, Cor. Sec'y.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Robusta Compacta, 3 to 4 tiers, \$1.50; \$2 and \$2.50 each. Excelsa, 4 to 5 tiers, \$1.50; 5 tiers, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 3-inch, \$6 per 100. Made-up pans and 7-inch pots, \$4 per doz. Sprenger, 2 1/4-inch, \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus Sprenger, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/4-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2 1/4-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPIDISTRAS.

Aspidistra lurida, 5-inch, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

Asters. Dreer's Superb Late Branching. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

AZALEAS.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azaleas, Mme. Van der Cruyssen, Simon Mardner, Verveneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.	Per 100
Xmas Red, 2 1/4-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2 1/4-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2 1/4-in.	3.00
Smithii, 2 1/4 in.	3.00
Chatelaine, 2 1/4-in.	3.50

ERNEST ROBER, Wilmette, Ill.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BEGONIAS.

BEGONIAS—Delivery from May 15.

Lorraine, 2 1/4-in. pots	\$ 12.00
Cincinnati, 2 1/4-in. pots	15.00
Mrs. J. A. Peterson (new), 2 1/4-in. pots	25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonia luminosa (red); Erfordi (pink), 2-in., bushy stock, \$2.00 per 100; luminosa (red), transplanted seedlings, fine plants, 75c per 100. Cash.

BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonias, Gloire de Chatelaine, Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Mixed, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$3; 4-inch, \$15. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Chatelaine, 2 1/4-inch. Vaughan's Seed Store, Chicago and New York.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Skimmia Japonica, well berried, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC.,

Box 404, Dundee, Illinois.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lll. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Japan grown freesias and L. Formosum, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

CALADIUM.

Caladium esculentum. Vaughan's Seed Store, Chicago & New York.

Caladium, Fancy leaved. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Canna roots, 2 to 3-eye. For varieties and prices, see advertisement on front cover page. A. Henderson & Co., 211 N. State St., Chicago.

CANNAS.

Cannas, dormant roots, 2 and 3 eyes; King Humbert, Mlle. Berat, \$2 per 100; case of 250, \$4.38; \$17.50 per 1,000. Bouvier, Chas. Henderson, Florence Vaughan, General Merkel, \$1.65 per 100; case of 250, \$3.75; \$15 per 1,000. Richard Wallace, \$1.50 per 100; case of 250, \$3.50; \$14 per 1,000. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

CANNAS, 25,000 Cinnabar; cinnabar red edged yellow, to close out. Fresh bulbs, 3 to 5 eyes. Long as they last, \$4 per 1,000.

THE WAGNER PARK NURSERY CO., Ohio.

Cannas, 1 to 3 eyes, Allemania, \$1 per 100; Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100, Jos. H. Cunningham, Delaware, Ohio.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs and Harrison Co., Painesville, O.

Cannas, dormant roots. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr. & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1,000
Aviator	\$12.00	\$100.00
Alice	6.00	50.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings.

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

ROOTED CARNATION CUTTINGS.

Taken from the best stock sold in the Chicago market. Ready for immediate delivery:

	100	1,000
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,

30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Victory	2.00	18.00

VIETOR BROS.,

162 N. Wabash Ave. Chicago

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

Fine, healthy, rooted carnation cuttings.

Best obtainable, order early.

Enchantress	100	1,000
White Wonder	\$3.00	\$25.00
White Wonder	3.00	25.00

SINNER BROS.,

158 North Wabash Avenue, Chicago.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

CARNATION CUTTINGS—A1 QUALITY.

Clean healthy stock taken from selected plants.

	Per 100	Per 1,000
White Enchantress	\$2.00	\$15.00
Light Pink Enchantress	2.00	14.00
Rose Pink Enchantress	2.00	14.00
Winsor	2.00	14.00
Zoe Symonds	2.00	14.00
Victory	2.00	15.00
White Perfection	2.00	15.00
Afterglow	2.00	15.00
Mrs. C. W. Ward	2.50	18.00

Can supply unrooted cuttings if desired at a less price.

J. A. BUDLONG,

184 North Wabash Avenue, Chicago, Ill.

Carnations—Nebraska, Belle Washburn, Aviator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2 per 100; \$18 per 1,000. White Wonder, Beacon, Washington, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

ROOTED CARNATION CUTTINGS FROM SAND.

Enchantress

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100 of 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.**COLEUS.**

Extra fine 2½-inch stock—Golden Bedder, Fairy Queen and Verschaffeltii, \$2.50 per 100. Brillancy, \$3.00 per 100.

GEORGE WITTOLD CO.,

739 Buckingham Place, Chicago, Ill.

Coleus, 2½-inch, \$2.50 per 100; Beckwith Gem, Verschaffeltii, Salamander, Kentish Fire, Anna Pfister, Rob Roy, Purple Prince, Trailing Queen, Queen Victoria, Poehlmann Bros. Co., Morton Grove, Ill.

COLEUS.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curley Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, beautifully colored, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.**CYCLAMEN IN BLOOM.**

Very choice stock for window displays. Three-inch, \$1.00 per dozen; 4-inch, \$2.00 per dozen; 5-inch, \$4.20 per dozen; 5-inch (extra fine) \$6.00 per dozen. Large white, 50 to 75 cents each.

GEORGE WITTOLD CO.,

739 Buckingham Place, Chicago, Ill.

Cyclamen Improved Wandsbek type, transplanted seedlings, 3 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000; 3-inch in bloom, \$3 to \$10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM—Mostly salmon. Wandsbek, 4-inch, good plants at 15c and 20c, in full bloom. Would exchange for Var. Vinca 2-in. or 3-in. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS Co., Rutherford, N. J.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracaenas, Amabilis, 6-in., \$1.25 each. Baptistil, 6-in., \$1.25. Massangeana, 5½-in., 75c. Imperialis, 5-in., \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena Terminalis, fine stock, well colored. 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compasta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Plerson Co., Tarrytown, N. Y.

Ferns, Boston, 2½-in., \$4 per 100; \$35 per 1,000; 3-in. pots, \$8 per 100; 4-in. pots, \$15 per 100; 5-in. pots, \$25 per 100; 6-in. pots, \$40 per 100. Teddy, Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000; 3-in. pots, \$10 per 100; 5-in. pots, \$35 per 100; 6-in. pots, \$60 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c; 10-in., \$2 to \$2.50; 12-in., \$3 to \$3.50. 5-in. Boston and Roosevelt only, 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

FERNS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns for dishes, 2½-inch, \$3.50 per 100; \$30 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Arkov, Minn.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

Fuchsias, 30 varieties, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS.

Geraniums, 2 and 2½-inch pots of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

ROOTED GERANIUM CUTTINGS.

The following "SUPERB BEDDERS": S. A. Nutt, dark red; Dbl. Gen. Grant, bright red; Mmc. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, Nutt, Pressily, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

ROSE GERANIUMS, 2½-inch, \$2 per 100. Cash. Geo. B. Morrell, Torresdale St., Philadelphia, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

GLADIOLUS BULES AND BULELETS, PLANTING STOCK of Mrs. Francis King, Augusta and America, carefully grown and true to label. Third, fourth and fifth size bulbs at lowest thousand rates. We are headquarters and bulbs bought from us when matured will bring pedigree stock prices. VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Gladiolus cheap to close out, about 40,000 named sorts. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue.

VAUGHAN'S SEED STORE, Chicago, New York.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

Heliotrope Centedeur, 2½-in., Vaughan's Seed Store, Chicago and New York.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere, Avalanche, E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chautard, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready, Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

MOONVINES.

Moon vines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bouffre and Zurich, Cupaca, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS, HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

PANSIES, Strong Sept. sown, Giant Tri-mardeau and Imperial Giant German, \$3 per 1,000. G. F. ODOR, Iola, Kansas.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Pandanus Veitchii, 4-inch, 35c; 5-inch, 50c; 6-inch, 75c. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES and Gladiolus; home grown and imported. L. F. Dintelman, State St., Belleville, Ill.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, Double and single fringed, in mixed colors, 2-in., \$2 per 100; \$18 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. 10 named varieties, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Petunias, 2½-inch, dbl. sorts. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacodes, 3-in., \$5 per 100. Pyfer & Olsem, Wilmette, Ill.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIVET.

300,000 California privet, Berberis Thunbergii, Ampelopsis Veitchii, Clematis paniculata, gladioli, cannas, shrubs, vines, etc. Prices right. LIST READY.

BENJ. CONNELL, Florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

	100	1,000
Russell	\$14.00	\$120.00
Rhea Reid	14.00	120.00
Hoosier Beauty	14.00	120.00
Ophelia	12.00	110.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

	\$7.00	\$60.00
Sunburst		
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN.

178 North Wabash Avenue, Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted.	2½-in. Own Root.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney	100.00	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	56.70
Hadley	105.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO.,

MORTON GROVE, ILLINOIS.

Roses for forcing—Grafted ready March 1 and later. Own root, now and later. All 2½-in. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

Roses, 2½-inch. Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000, Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago, Ill.

ROSES.**DISTINCTIVE ROSES:****IT PAYS TO GROW THEM.**

CHAMP WEILAND—You need the big money-maker of 1916. Exquisite in color. Remarkable in size, beauty and foliage. Ready in March. Grafted plants, 100 for \$35.00, 250 for \$82.50, 500 for \$150.00, 1,000 for \$300.00.

MRS. CHAS. RUSSELL and MRS. MOORFIELD STOREY—Grafted plants, \$14.00 per 100, \$120.00 per 1,000; own root, \$12.00 per 100, \$100.00 per 1,000.

For prices on standard varieties, write us for special quotations.

WEILAND & RISCH,

154 N. Wabash Ave., Chicago, Ill.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG,

162 North Wabash Avenue, Chicago, Ill.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.**SURPLUS SUMMER-FLOWERING SWEET**

PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ½ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEX, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracena indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and 1 prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, per 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3; 5,000 to 10,000 seeds, \$3 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Beebe's Early Prolific Tomato, Pkt., 20c; oz., 75c; ¼ lb., \$2.00. Write for English or German catalogue. German Nurseries and Seed House, Beatrice, Neb.

Field seed corn. Ratekin's Seed House, Shenandoah, Iowa.

SEEDS, Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties: Stocks (the most beautiful in the world), Primulas (10 var.), Cyclamens, Cinerarias, Bulbs.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriac, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

SHAMROCKS.**IRISH SHAMROCK.**

Two-inch fine husky plants, \$2.50 per 100. 1-in. miniature, \$2 per 100.

M. S. ETTER, Shiremanstown, Pa.

SHAMROCKS. 2-in., \$3 per 100; \$25 per 1,000. Frederick C. Hoffman, Pawtucket, R. I.

Shamrocks, 1-inch and 2-inch plants, \$3 per 100; \$25 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SWEET PEAS

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VINCAS.

Sold out of variegated Vincas rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata, 3½-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

STOCK WANTED.

STOCK WANTED.—One or more orange trees, 4 to 10 ft., in tubs. CHAS. M. VANDERVORT, care of The Battle Creek Sanitarium, Battle Creek, Mich.

I want to buy a stock of cattleyas. HAROLD JEFFS, Honolulu, Hawaii.

CARNATION STAPLES.**SUPERIOR CARNATION STAPLES.**

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 85c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabasha Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tonawanda, N. Y.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1811 South Troy St., Chicago.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Glass Cloth. A transparent waterproof fabric which generates about the same warmth and light as glazed sash. For all outdoor forcing. Turner Bros., Box 7, Bladen, Neb.

Japanese-American combination Rockery, specially made in hothouse. Japanese landscape garden of any style constructed in a short time. T. R. Otsuka, 414 So. Michigan Ave., Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Duo-Glazed sash for hotbeds. Callaban Duo-Glazed Sash Co., 2517 Wyandot St., Dayton, Ohio.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Sterling iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Square Paper Pots and Dirt Bands. Price list, samples and "experience of 131 florists," free. F. Rochelle & Sons, Chester, New Jersey.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

MISCELLANEOUS.

Greenhouse glass. Write for prices. Stat-ing sizes and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 18-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Aglaonema Pictum, 5-inch, 75c each; 6-inch, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Pruning shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kehr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.**GREENHOUSES****We Claim Maximum Strength and Minimum Shadow. Investigate****Landscape Gardening**

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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The Home Correspondence School

Dept. C. F., Springfield, Mass.

Save 25% On

Erection, Heating and Glazing.

MIKE WINANDY, JR.

Greenhouse Builder

6236 N. Lincoln St.,

CHICAGO, ILL.

Holyoke and Northampton Florists' Club.

The monthly meeting of this club was held February 8 at E. J. Canning's Prospect Heights Nursery, Northampton. Members turned out in good number and President Butler kept things moving in good style. By unanimous vote it was decided to change the meeting night from the second to the first Tuesday, to take effect at the March meeting. On behalf of the members G. H. Sinclair presented our worthy secretary, James Whiting, with a gold stick pin, as a slight token of appreciation of his good work in this office for the past four years. Instead of a paper being read and discussed, each member brought a question on a slip of paper. These were shuffled and drawn and each one allowed five minutes to answer. Facial expressions during the brain-racking process were a fine study. The plan was a great success, each member had to be heard from and the questions were such as to uncork much useful information. Exhibits of good quality added greatly to the interest of the meeting.

F. D. Keyes & Son staged a vase of Carnation Gorgeous and a large specimen, which same plant was exhibited a year ago and in the interval had matured a good crop of seed. G. H. Sinclair brought a fine spike of Clivia miniata and vases of sweet peas, Mrs. Sims and Christmas Pink. D. J. Gollman showed a fruiting plant of Ficus pandurata, and H. E. Downer of Smith College Botanic Garden a pan of hyacinth La Grandesse and six plants of cyclamens. One new member was elected. H. E. D.

SCHENECTADY, N. Y.—W. H. Showers has bought the flower store of Marvin P. Champlin at 226 Nott terrace.

LANCASTER, PA.—Following the explosion of a boiler at H. A. Schroyer's greenhouses, January 25, about 15,000 feet of glass were destroyed and plants valued at \$2,000 killed by the cold.

Greenhouse Construction

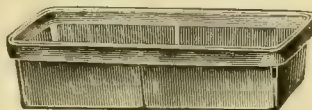
BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

American Florist Co., 440 S. Dearborn St., Chicago

PANSY AND VERBENA BASKETS

Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate. Per 1000..... **\$9.00**

Large size, measure 13 inches long, 7½ inches wide, 3½ inches deep, put up 250 in a crate. Per 1000..... **15.00**

Detachable wire handles for either of the above. Per 1000..... **2.00**

Transplanting Boxes, 3½ inches square. Per 1000..... **2.50**

Transplanting Boxes, 4½ inches square. Per 1000..... **2.75**

Orders entered now either for immediate or future shipment. Have other sizes. Send for descriptive circular.

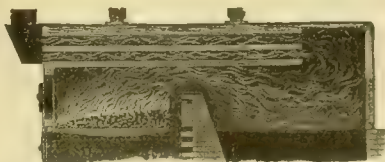
COLES & COMPANY, 115 Warren St., NEW YORK, N. Y.

ESTABLISHED 1884.

INCORPORATED 1911.

KROESCHELL BOILER

SEND FOR CATALOGUE



KROESCHELL BROS. CO.

452 W. Erie Street, CHICAGO, ILL.

SPECIAL QUALITY

Greenhouse Glass

Write for prices—stating sizes and quantity required.

C. L. Dickmann Glass Co.

Carloads or less. MUSKOGEE, OKLA



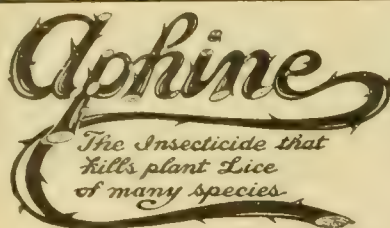
Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing

Everything for the Greenhouse
J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg.

Mention the American Florist when writing



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.
Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
Quart. \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scalline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.



NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.

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H. E. D.

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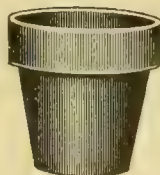
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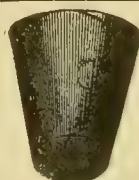
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Vol. XLVI.

CHICAGO AND NEW YORK, FEBRUARY 26, 1916.

No. 1447

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bor, Me., June, 1916. WILLIAM GRAY, Newport,
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delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
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SUGGESTIONS FOR PLANT GROWERS.

Violets.

With the approach of spring the vio-
let plants grow rapidly and quantities
of runners will spring from the old
stools and propagation of the runners
at this time will save much time and
room later in the season when the
spring stock is insistently demanding
space, and much better plants are pro-
curable from cuttings taken now than
from divisions in May, when the days
are often warm and the plants more
or less exhausted. And if the young
stock is procured now the old plants
can be thrown out as soon as through
blooming, securing available room at
once. These runners or laterals root
easily at this time in a propagating
bench or can be taken off with a few
small roots and either potted or placed
in flats and will take but little room,
and as early as possible placed in a
cold frame. Treated in this manner
splendid stock may be obtained for
planting out early, either in the field
or in the houses, and with good strong
stock to start with much better results
are sure to be attained than by being
obliged to plant small, weak stock lat-
ter in the year. As the warm days
approach the houses will need to be
shaded, for the sun bleaches the flow-
ers, and a watering of liquid manure
will greatly assist in maintaining the
size of the blooms and also keeping up
the color.

Mignonette.

The grower will always find some
plants in his beds of mignonette that
produce exceptionally large spikes of
bloom, the plants are more vigorous
in foliage or the blooms of better
form, and these spikes that show spe-
cial characteristics should be selected
and the seed saved, and in this way
the grower can procure a strain which
after two or three years' selection will
be far ahead of any seed he can buy.
This seed should, however, be saved
before the bees and other insects are
flying around and attracted to the
houses, for they will cross-fertilize the
flowers with undesirable strains. The

seeds of mignonette do not ripen all
at once, and as the pod remains open,
the ripe seed falls out and is lost, so
special preparation must be made to
receive it. Select the spikes that are
to be saved for seed and tie them to
strong stakes and mark them. The
flowers should then be cross-fertilized
by rubbing a camel's hair brush up
and down the flowers. This should be
done every bright day so as to se-
cure a thorough pollination. To catch
and hold the seed take a piece of
heavy brown paper and roll it into a
cone shape, and after winding a piece
of cotton around the stem and stake
below the flowers, tie the small end of
the cone-shaped paper around the cot-
ton, the paper spreading upward so as
to catch all the seeds that drop out
of the seed pods. This can remain
until all the seed has ripened and as
the spike grows the cross-fertilization
continues, but care should be taken
that no water gets into the paper to
wet the cotton, and the seed must be
gathered before the days become so
warm that insects and bees are in the
houses.

Easter Lilies.

The one important crop to the
plantsman at this time is the lilies for
Easter, for they must be properly
timed to be at their best on that date.
Easter this year comes April 23 and
most growers like to see buds on their
plants six weeks before that time. If
the buds are not showing, the tem-
perature will have to be increased to
70° at night. This will do the plants
no harm if they have good sunlight
during the day, and are given all the
ventilation possible, but the ventila-
tors should not be opened unless the
sun is shining and the thermometer
at least at the same degree as the
night temperature, and avoid all
draughts possible, for the plants
grown so warm are very tender. It
is next to impossible to bring a lot
of lilies in all together, so it is better
to grow them so the slowest ones will
be in on time, and move those that
are more advanced into a cooler house

and retard them, but this should not be done until the buds are nearly full grown. A lily retarded when the buds are forming is very difficult to start into active growth again, but after the first buds begin to turn white the plants can be moved into a house of 50° or lower and they come on slowly and will be of better quality than those grown warmer. The plants should be all tied to a neat stake as soon as the buds form, if not already done, for the buds add considerable weight to the top of the stem and they bend over very quickly. When the buds form, if the plants are pot bound, a watering of liquid manure will increase the size and substance of the flower. It will be a continual fight against aphids from this time on and fumigation or spraying with nicotine will have to be regularly and continually practiced to bring the plants into bloom in the best condition.

Hydrangeas.

The greatest demand for hydrangeas is in May and June and to have them in the best condition at that time the plants should be started before March 1. While they may be started later and forced harder, yet the plants so grown are not as sturdy and do not give so good satisfaction after they are placed on the porches. Start the plants in a cool house and if the wood has become dry in their winter quarters, frequent syringing will assist in softening it. When they begin to grow do not crowd them. Crowding and too much heat are the principal causes of the long, ungainly plants so often seen. If they are grown in a cool house, with plenty of room, the plants will be sturdy and short-jointed, covered with beautiful foliage and shapely, and are a great ornament, which surely cannot be said of the tall plants with small foliage and bare stems toward the base. When the plants begin to grow rapidly they will require plenty of water and during the warm, sunny days of spring, when the houses are hot, all the ventilation possible, and at this time watch carefully for red spider, which gather in great numbers on the young growths and blooms and quickly spoil them. If they appear, syringe heavily until they are overcome. Keep the plants staked and tied as soon as required.

SYRACUSE, N. Y.—The Morris-Zogg Floral Co. has succeeded the Pierce-Christain Co.

PARKERSBURG, WEST VA.—J. W. Dudley & Son will build an 80-foot extension to one of their large rose houses this season. This firm has its usual fine showing of Hydrangea Otaksa for their wholesale and retail trade. Mr. Brainard Dudley reports excellent business at all of the firm's branches, including those at Clarksburg and Huntington, West Va., and at their latest addition in Marietta, O.

NEW ALBANY, IND.—Anders Rasmussen has had a good winter season with Spencer sweet peas, including Yarrowa, in solid benches and will follow them with Comet tomatoes after St. Valentine's day, the tomato plants having been grown on to good size in 4-inch pots for this purpose. Mr. Rasmussen had Le Marquis, a sweet pea of the early flowering grandiflora type, navy blue, in full bloom for Christmas when it is in strong demand, taking the place of violets in corsage work.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Co-operative Advertising.

A well directed plan of publicity in which the judicious use of billboards, window placards and newspaper space proved a success, was a feature of the St. Valentine's day business at the establishments of the florists of Albany, N. Y., this year. Although only four of the retailers contributed to the fund to cover the advertising expense, several of the growers aided the movement and a fund of nearly \$50 was available. "Let Flowers Be Your Valentine" was the slogan, and fifty posters, each four by nine feet were displayed in advantageous locations, while attractive window cards, bearing the same suggestion were distributed to all florists in the city regardless of whether they had contributed to the fund or not. A neat advertisement about five inches square, a reproduction of which is presented herewith, appearing in each of the four local newspapers, served also to remind the public of the appropriateness of flowers for the occasion.

Notwithstanding the fact that it snowed both Saturday and Sunday preceding St. Valentine's day, and that the temperature on the holiday fell below zero, according to Wm. C. Gloeckner, well known Albany florist,

commenting on results secured, his business was better than a year ago and he believes the trade in general are more than satisfied. The entire expense was less than \$50 and is considered very reasonable considering the amount of publicity received and the results obtained. Among the members of the craft who aided in making the publicity plan a success were F. A. Danker, H. G. Eyres, Rosery Flower Shop, Wm C. Gloeckner and John T. Travison & Co.

Basket of Carnations.

The basket of carnations as shown in the accompanying illustration contains 100 blooms. Delight, White Wonder and pink Wards were the varieties. Delight filled one end with the Wards at the other and White Wonder uniting the two in the center. The basket was generously deep, with a zinc lining. This was filled with clump moss and then with water. The stems were stuck in without wire. Clump moss admits the stems much better than sphagnum. A broad, pink ribbon, with a large bow in the center and long ends drawn through the flowers, together with the addition of maidenhair, gave a fine finish to the arrangement. A few broad leaves of the bird's nest fern were also used with good effect. This basket was exhibited on "carnation night" at the Florists' Club of Philadelphia by Vollers' House of Flowers, and was much admired.

"At Your Service"

Danker	40-42 Maiden Lane	The Rosery	23 Steuben Street
Phone Main 3390		Phone Main 3775	
Eyres	11 North Pearl	Gloeckner	97 State Street
Phone Main 5588		Phone Main 7141	
Travison	335 South Pearl		
Phone Main 552			

For
St. Valentine's Day

CO-OPERATIVE ADVERTISEMENT OF ALBANY FLORISTS.



BASKET OF 100 CARNATIONS BY VOLLER'S HOUSE OF FLOWERS, PHILADELPHIA, PA.

Exhibited at Philadelphia Florists' Club.

Seals.

Superior service is what the up-to-date, careful retailer aims at all times to give his customers. Good service counts mightily in the business, very much more than other things that are thought by some most essential. The flowers may be of the best, arranged nicely in a box that leaves nothing to be desired in its quality, color and printing. It is neatly tied with the latest cord or tape; its tag is an exclusive design. Up to this point, nothing has been found lacking, and in most cases the service would have been perfectly satisfactory. But at times trouble comes, and doubt arises about this or that delivery because the count was not correct, the card was not enclosed or it had been tampered with. Some one had thought a flower or two out of the lot would not be missed. Others wondered who had sent this fine box and had evidently tried to find out by a clandestine look at the card. Superior service guards against this intrusion, by the aid of the seal, which is attached to and binds the ends of the tape securely to the surface of the box in such a manner that any attempt to meddle with it in endeavoring to open the box breaks the seal, showing at the first glance that the fastening has been tampered with by some one other than the rightful owner.

Seals are made in great variety, the most simple and exclusive being made of sealing wax, which can be

had in all shades of color. The wax in stick form is held over a candle or gas jet and when enough of the melted wax is dropped on the point to be sealed a die with the firm's name or monogram is pressed into the center and the operation, which takes about a minute, is complete. In dull times a stock of seal impressions may be made on glass from which they are easily detached and stored. When needed the under side is softened over a candle and quickly applied. A good and easily adjusted seal, suitable for all boxes, is a gummed, embossed paper label, which is made in fac simile of the wax or in any form desired. This, when applied, holds the ends of the cord or tape securely and must be broken before the package can be opened.

Many may think this a useless expense and trouble, but I am convinced that it pays, mainly on account of the protection and privacy and also the complete and finished appearance of the box, which, after being neatly tied up, has the ends of the tape caught and made doubly secure with the seal.

K.

LOUISVILLE, KY.—Wm. Walker is planning a new water plant at his big Anchorage greenhouse establishment. Miss Edith Walker, his store manager, is to be commended for her exquisite and original window displays, the latest attraction being of crotons and large sprays of *Buddleia Asiatica* with edging of blue grape hyacinths in miniature pink baskets.

Callas-Harrisii Lilies.

ED. AMERICAN FLORIST:

Small brown spots appear on the edges of the leaves of my callas, which gradually increase in size until the leaf has a brown rim. The bulbs were potted in seven-inch pots in September, have had plenty of water, top-dressed with bone dust twice and since beginning to flower have been watered with liquid manure once a week. Can you advise what causes this browning of the foliage?

I also have a batch of *Harrisii* lilies in the same house, which are showing bud and seem to be making a fine growth except that the foliage is tipped with yellow. These were potted September 1, kept in cold frames until top growth started and then grown on a greenhouse bench with just enough water to keep them moist, receiving weak liquid manure at intervals of 10 days.

P. C. E.

CALLAS.

The older leaves of the callas are very often affected with this brown edge, due to something that is lacking in the soil or too much of some substance in the water. I do not think that you are helping the plants any by the top-dressing with bone dust. Best results are obtained with callas by giving them rich soil, enough to get them well establish and rooted, and then treat liberally with plain cow-manure and an abundance of water. The one drawback to liberal treatment is that the flowers are like-

ly to come too large for general purposes. It may be that your treatment with the bone dust has been too severe and caused the browning of the edges of the leaves, but if the plants are blooming freely, and it is only the older leaves that are affected, why worry about it?

HARRISII LILIES.

I am inclined to think that there is something lacking in the soil for these lilies to work on. To be successful with *Harrisii* or any other lilies, the soil must remain in a condition for the roots to work all the time. When in full growth they need plenty of water, but until the roots obtain control of the soil they should be watered sparingly. Poor drainage that has a tendency to clog and sour the soil will cause the tips of the leaves to turn yellow. Standing the pots on coal ashes that the gases have not been thoroughly burned out of, has also been found to be the cause of a great deal of this trouble.

C. W. JOHNSON.

THE CARNATION.

Mulching and Propagating.

The plants that have been producing flowers and cuttings are beginning to show the need of a mulch, which if put on now will greatly benefit them in their present state, as well as assist them to build a good growth for producing a continuous steady crop of flowers until the end of the season. From now on, as the winter breaks up, the plant growth will be much stronger, using up the material in the soil more rapidly, consequently for best results it becomes necessary to furnish more substance to the soil from time to time as the season advances, and the cheapest and easiest way of doing this is by mulching the beds. If the plants are in a healthy, growing condition, if a mulch is put on at this time and another the latter part of April a good crop of flowers can be cut right up to the time when it becomes necessary to clear out the old plants to make way for the new. At the annual meeting of the American Carnation Society recently held in St. Louis a lively and instructive discussion took place among the members as to the relative merits and the means of using the different kinds of fertilizers for carnations, and according to the methods followed by a majority of the growers of the best carnations at the exhibition, the mulching of the beds two or three times during the season, with a mixture of either horse, cow or sheep manure and soil produced the best results. One grower gave his experience between tankage and pulverized sheep manure very much in favor of the sheep manure. Another used dried blood for quick results, and some of the eastern growers had obtained good results from the use of Scotch soot, but in summing up the whole discussion it was made very plain that when the animal manure could be obtained in sufficient quantity, there was nothing better for producing good results, but the good results depended greatly upon the soil conditions and the attention the grower gave his plants. A weak, sickly plant cannot be worked out of its sickness with fertilizers, but strong healthy growing stock can be aided in their work of

producing good flowers. The mulch should not be put on while the material is in a wet state. The plan we have followed with good results is to bring in the material and spread it out on the potting shed floor until it is dry enough to run through a 1/2-inch mesh soil sifter or crusher.

We use a mulch made up in the following proportions: 1 load soil, one-third load of well rotted horse manure, .50 lbs. pulverized sheep manure; the material is mixed up together and run through the sifter and then spread one-half inch thick evenly over the beds. After the mulch is put on it should be watered in, then the bed should be allowed to dry out to a moderate extent before watering again. After mulching there is greater danger of the soil getting too wet for the plants' good than before unless extra caution is used.



National Flower Show Headquarters.
Hotel Walton, Philadelphia, Pa.

The general routine care of the plants should receive close attention all the time. The plants can be given an occasional syringing as the weather will permit from now on. It will refresh the plants and clean out the red-spider; choose a bright morning for the syringing and be sure the weather conditions are such that the plants will dry up well before night.

Any propagating that has to be done should be attended to during the next three weeks; cuttings put in after March 1, take longer to root and do not have time enough to make good plants for planting in the field. Pot up the cuttings now rooted in the sand; they should be taken out as soon as they have made a nice bunch of roots and not allowed to remain until their roots begin to get long and wiry. The soil to use for potting the young carnation plants should be a live, fresh soil of porous nature, but not heavily charged with manure or anything that is likely to cause a soft growth. They need a light, cool place, close attention to the watering

and see that they are kept free of insects.

Referring to the exhibits at the American Carnation Society exhibition the question arises before us, "What is the matter with the carnation or carnation growers of the middle west?" In looking over the awards, anyone not acquainted with the facts would think that the exhibition was held in an eastern city instead of St. Louis, and one of the Boston scribes makes the severe assertion that had one or two other growers that usually exhibit been able to attend, they, the easterners, would have made a clean sweep of it. That is like rubbing it in. However, we heartily congratulate our eastern brethren, and are forced to admit that either the western carnations are not good enough, or the growers do not support the American Carnation Society as they should do. The prizes awarded in the classes of 100 blooms were distributed as follows:

Class 1—New York, 1st; Indiana, 2nd.

Class 2—New York, 1st.

Class 3—Indiana, 1st; Massachusetts, 2nd.

Class 4—New York, 1st; Indiana, 2nd.

Class 5—Indiana, 1st; Massachusetts, 2nd.

Class 6—Illinois, 1st; Indiana, 2nd.

Class 7—Indiana, 1st; Indiana, 2nd.

Class 8—Indiana, 1st.

A. C. S. gold medal—New York; silver medal, Illinois.

S. A. F. & O. H. silver medal—Illinois; bronze medal, New York.

Dorner memorial medal—Indiana.

Classes calling for 50 each, standard varieties: Massachusetts, 10 firsts; Maine, five firsts; Illinois, five firsts; Indiana, one first.

Enough said. C. W. JOHNSON.

Orange Blossoms, Double.

June brides and the fast increasing number of fiancées ought to be interested in this. A. L. Miller, chairman of the flower show committee of arrangements of the New York Florists' Club, who from time to time improves on nature, but has never tried to paint the lily, has developed a double orange blossom. This flower is pure white and perfectly formed and the natural fragrance of the orange blossom is increased to such an extent that half a dozen blossoms fill a room with their rare perfume. Matty Dobbins, master of ceremonies at the marriage bureau, commenting on the new flower, said: "It's lucky some one has jumped the size of the orange blossom. There's been a big jump in the number of marriages and the year looks good way along into July. If business keeps up even a three-ply orange blossom will be none too big to meet the needs."—New York newspapers.

OWENSBORO, KY.—The Nanz Floral Co. has completed extensive additions to its city store which are proving a great help in its ever increasing business.

SUPERIOR, WIS.—Mrs. C. E. Ashley has purchased the flower shop of Miss L. O'Sullivan on Tower avenue and will conduct same under the name of the Tower Floral Co.

HENDERSON, KY.—The Morgan Floral Co. reports a heavy run of funeral work. Mr. Morgan is recovering from a severe case of blood poisoning contracted during the holiday rush.



Chris Sorensen, Moline, Ill.



Ed. R. Patten, Rock Island, Ill.



H. G. Pauli, Davenport, Ia.

THREE VICE-PRESIDENTS TRI-CITY FLORISTS' CLUB.

Miniature Dutch Hyacinths.

ED. AMERICAN FLORIST:

We grow a quantity of miniature Dutch hyacinths in three-inch pots and are having some trouble after bringing them from the beds well rooted. The flower shoots up about two inches and damps off, and in a great many cases, the entire bulb is very soft, or practically rotten. The flower spikes shoot up about 10 days before they should. What is your advice on how to handle these bulbs successfully? We have used a large quantity of water on our plants, inasmuch as a three-inch pot does not carry a large amount of soil. We have endeavored to keep the water from the bud as much as possible in watering our plants. We maintain a temperature of about 50 degrees at night.

South Carolina.

G. G.

I think the trouble you are having with your miniature Dutch hyacinths is caused by over forcing them when not well enough rooted. This size Dutch hyacinth is not suited for early forcing, but is more desirable for later or Easter flowering, which allows for them to grow along and flower more naturally. We grow a large number of these bulbs for our Easter trade and find them very suitable for this purpose.

Our method of culture is as follows: When the bulbs are received, which is usually the latter part of September or early in October, they are potted up in the different size pots or pans to meet our requirements. A large number are grown one bulb in a four-inch pot, others three bulbs in a six-inch bulb-pan, and others five bulbs in a seven-inch bulb-pan. I have never tried growing these hyacinths one-bulb in a three-inch pot, and am inclined to think that this size pot is too small to produce the best results. The bulbs are given a live, moderately rich, fresh soil and after being potted are set outside in a frame, where the soil has been taken out to allow for the bulbs to have 10 to 12 inches of covering. After the pots are set the bulbs are given a good watering in to settle the soil and insure a moist condition. A covering

of an inch or so of clean sand is then thrown on, and after this, the frame is filled in to the top with fine soil, which, as before said, gives the pots a covering of about 12 inches and on top of this soil covering a good layer of leaves, held down by some heavy boards, is put on. I may say here, that during the severest winter the frost seldom gets down to the bulbs, and then only around the edges of the frame. We do not try to flower these bulbs before needed so they are left out in the frame until three or four weeks before they are needed to be in bloom, according to the date of Easter. This year, owing to that date being so late in April, our greatest trouble will be to keep the hyacinths back and have them dwarf at the same time. We shall have to take off the soil covering and leave them outside in the frame under boards to hold them back as much as possible, and then allow them about 10 days to finish up in a cool greenhouse. The temperature allowed them for flowering is about the same as for carnations, 50-52 degrees at night with 56-58 degrees on cloudy days, and on bright days as near these marks as possible without extreme draughts. For South Carolina these methods of culture would have to be modified to a certain extent, but it should be borne in mind that this size hyacinth is most desirable for late flowering.

C. W. JOHNSON.

Boston.

BUSINESS IS QUIET.

Business during the past week has been rather quiet. Prices have dropped on nearly every line of stock to a small extent owing to the larger supply and the decrease in retail demand. Roses held up the best of any of the staple lines, the prices being from \$3 per 100 up, according to grade. Ophelia, Russells and Hadley found the best market, although there was good demand for the newer Killarney varieties. Carnations moved rather slowly, prices being from \$1.50 to \$3 per 100. Pink Delight, Matchless and Ward are by far the best sellers. Bulbous stock is plentiful, the best Spurs going for \$2, and in some cases \$2.50 per 100. The shortage of green continues, and no

difficulty is experienced by the growers in disposing of it at three bunches for \$1.

CLUB MEETING.

The Gardeners' and Florists' Club of Boston held its regular meeting February 15. The meeting was well attended and was very interesting, as it was carnation night. There were a fine lot of exhibits. S. J. Goddard of Framingham had a display of seedling No. 1012, receiving a report of merit. He also had a few of the new Dorner & Sons Co.'s creations, of which Rosalia received an award of merit. His Pink Sensation also was very fine. R. E. Wadsworth Co. showed a vase of the new seedling Samuel Wheeler, which received honorable mention. A. A. Pembroke had a fine vase of Rosette grown from two-year-old plants. The Cottage Gardens Co., Inc., exhibited a vase of the new Crystal White and Cottage Maid, which were awarded an award of merit and honorable mention, respectively. E. K. Farr, of Stoneham, had Harry Fenn and Benora of exceptional quality. C. S. Strout, of Biddeford, Me., exhibited Pocahontas, Champion, Matchless and Beacon. A very nice variegated seedling was shown by N. Seaver, of Dover, N. H. Peter Fisher had a vase of Flecked Beauty, a mottled seedling and a fine vase of Alice. An award of merit was given to H. J. Borowski & Sons for a display of cyclamens. Interesting talks pertaining to carnations and their culture were given by S. J. Goddard, David Ward of the Cottage Gardens Co., Inc., C. S. Strout, Peter Fisher and Wm. Downs. John H. Stafford, of Bar Harbor, spoke on the coming sweet pea show at Bar Harbor, and the club voted \$25 to be used as a prize for the exhibition.

NOTES.

Arthur Robbins and Arthur Liebman have opened a large store at the corner of West and Washington streets. They will keep it until the spring trade is over. It will be remembered that last year they had a shop on Washington street during the spring trade and sold thousands of flowers daily at "popular prices" to a trade that otherwise would not buy flowers elsewhere.

W. D. Howard, of Milford, is cutting a fine lot of carnations at present. He specializes on Ward, being the largest grower of this variety in the vicinity. He also has a fine crop of his salmon pink sport of Winsor.

R. E. Lassman, of Waverly, one of the pioneer florists of the country, celebrated his eighty-fifth birthday February 9. His friends in the trade presented him with an armchair as a token of their respect.

Penn, the Florist, had a record breaking Valentine trade. Some idea may be obtained of the volume of business by the fact that he bought from one grower, Wm. Sim, of Cliftondale, 100,000 violets.

Some of the finest peas in the market come from Kidder Bros., Lincoln, Mass. The flowers are of remarkable size and length of stem. They are also cutting about 30,000 violets per week.

The many friends of Joseph Guerin, manager for Wm. Filene's Sons Co., offer their sympathy upon the death of his wife. Mr. Guerin had been married but eight months.

During the recent snowstorm Walter B. Cobb, of Canton, Mass., had one of his houses collapse with the weight of snow, completely wrecking the structure.

Peter Hylen, of Randolph, has a fine line of bulbous flowers. His Golden Spurs, Victorias and Poeticus are especially fine.

Frank White, of Holbrook, is cutting some very fine wallflowers. He also grows good callas and Liliun longiflorum.

The Boston Florists' Bowling League met February 17 at the Boston alleys. The competition is becoming keen and each meeting proves to be very exciting. Aronson won the honors for the high individual string of the evening with 140. The team standing is as follows:

Galvin	41	23
Flower Market	40	24
Carbone	40	24
Zinn	34	30
Flower Exchange	28	36
Boston Cut Flower	28	36
Robinson	26	38
McA. & McD.	19	45

F. L. W.

Pittsburgh.

TRADE VERY SATISFACTORY.

Trade has held up wonderfully well during the month of February, with stock of all kinds bringing very good returns. There has been no marked scarcity of flowers with the possible exception of roses, and the demand has been almost in keeping with the regular supply. Cooler weather has been the rule of late, but does not noticeably affect the market in any way. Both funeral and transient business are good, but decorative work has fallen off greatly. Bulbous stock is in heavy supply at present, especially tulips and daffodils, but Paper White narcissi appear to be scarce, as many of the local growers report that a good percentage of bulbs of the latter variety have gone blind this season. Easter lilies are scarce and bring good prices. A feature of the market's offerings is the fine Spencer sweet peas that have found so much favor among the retailers. Carnations are plentiful and of splendid quality.

NOTES.

It is rumored that another Pittsburgh department store is to follow the example of Kauffmann Bros. by opening a floral department, but more in the artificial line, featuring made-up door bunches, sprays, designs, etc. We might add that this is not a bad move, as local florists do not carry this line quite as extensively as is done in most of the larger cities.

Oliver Langhans is now doing road work for the Pittsburgh Cut Flower Co., relieving Wm. Usinger of some of his territory, which will enable Mr. Usinger to broaden his field considerably.

Increased business has necessitated the McCallum Company to add two men to their supply department, George Martin and Earl Schuler having been added to the force recently.

The sympathy of the trade is with Mrs. W. F. Zane, of Wheeling, in the death of her son, which occurred February 19.

Visitors: Leo Heuman, of Chicago; Ted Fryer of Tajimi company, New York, and Mr. Bieber, New York.

G. M.

Toledo.

SPLENDID ST. VALENTINE'S DAY BUSINESS.

Thanks to consistent advertising by a few enterprising members of the trade here who held to the courage of their convictions, the public of this city are fast being educated to realize the appropriateness of flowers as valentines, with the result that St. Valentine's day has become one of the best flower days in the year. Co-operative advertising and compelling window displays are in a large measure responsible for the excellent results obtained. The weather was fine and the public took advantage of the opportunity to be out-of-doors. Violets and sweet peas were the leaders in popularity and an unusual number of plants were disposed of. There has been a heavy demand for funeral work, and as the social season is in full swing the supply of stock is quickly absorbed.

NOTES.

Schramm Bros. have been making consistent gains during January and February. This firm pushed Valentine day sales to the limit, calling attention to their service for the occasion with attractive window displays, newspaper advertisements, folders, etc. Their Lincoln window, with log cabin, representing the boyhood days of the martyred president, was both unique and artistic. It was executed by Geo. B. Schramm.

Emil Kuhnke, east side grower, who for a long time had been suffering from ill health, has sold his flourishing business on Woodville street and is now in the south taking a well-deserved rest. The local florists' club, of which he was one of the charter members, and ever one of its most active and progressive boosters, will miss his genial personality and his encouragement.

A window that for simplicity in art has never been surpassed in this city was noted at Mrs. J. B. Freeman's. Many people stopped to admire the clever arrangement for which Robert Blake deserves much credit.

M. Klunder of the Lindley Floral company is a genius when it comes to designing baskets, boxes and designs for special occasions. His Valentine boxes made a hit with the shopping public.

The Mussbach sisters have opened a flower store on Oliver street. Both of the young ladies are hustlers and a host of friends wish them every success, which they deserve.

K.

Cincinnati.

GOOD SUPPLY MOVES EASILY.

With the coming of warmer weather and brighter days the daily cut increased materially in size and gave a supply of flowers that was sufficient for all present needs. Relatively speaking, the demand from out-of-town is better than that in this city itself. Prices are fair. The cut of American Beauties is large and good, and is available in every size. The market in other roses is now easy, owing to heavier receipts. Carnations are very plentiful and generally of good quality. Sweet peas are having a very active market. Lily of the valley is in very good supply, but is not selling any too well. Easter lilies and

callas have only a fair market. Other offerings include tulips, jonquils, daffodils, Dutch hyacinths, freesias, violets and narcissi.

NOTES.

P. J. Olinger, accompanied by his brother-in-law, Fred French, who has been visiting him for the past month, and who is returning to his home in North Dakota, visited the Olinger greenhouses on February 21.

Orders for wire baskets have kept E. G. Gillett's wire working department working overtime.

C. E. Critchell is receiving outdoor daffodils from the south.

Visitors: Miss Harriet Van Meter, Springfield, O.; Mrs. Heiser, Miss Lodder, Miss Federle, Walter Gray and Wm. Lodder, Hamilton, Ohio.

H.

Westchester and Fairfield Hort. Society.

We expect our clever correspondent, P. W. Popp, to write a more detailed report of the entertainment and dance of the above society, which took place in the town hall, Greenwich, Conn., on the evening of February 16, but it is up to an "invited" guest to speak a good word for a good show. The "Harrison Minstrels" were the star attractions and their songs, dances, and jokes kept the audience in a mirthful mood. Even among stars, there are some stars of superlative magnitude. Though the writer will acknowledge the gray hair, he yet likes to see good dancing. The star of the last number was a dancer, such as Mackworth Praed must have had in mind when he wrote the "Belle of the Ball."

I saw her at a county ball:

There when the sound of flute and fiddle
Gave signal sweet in that old hall
Of hands across and down the middle,
Hers was the subtlest spell by far
Of all that sets young hearts romancing;
She was our queen, our rose, our star;
And when she danced—O Heaven, her dancing!

* * * * *

After the minstrel show was over, the floor was cleared for one step, waltz, schottische and other dances. Refreshments were served.

A. F. F.

Horticultural Society of New York.

The Horticultural Society of New York held a very creditable exhibition in the American Museum of Natural History, February 16. As the museum is open daily and has an abundance of space for an additional modest exhibit, these monthly shows require no very elaborate preparation, are free to the public, and we believe, help to popularize flowers. Following the opening of the exhibition a meeting of the society was held, an interesting feature of which was the lecture by Arthur Herrington, Madison, N. J., on "Irises for American Gardens." Noteworthy exhibits, with the awards, follow:

Collection of cut orchids—Mrs. F. A. Constable, Mamaroneck, N. Y. (Jas. Stuart, Gr.), 1st; F. E. Lewis, Ridgefield, Conn., (J. W. Smith, Gr.), 2nd.

Vase of roses, 50 blooms—Mrs. F. A. Constable, 1st; F. E. Lewis, 2nd.

Vase of roses, 25 blooms—Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), 1st.

Vase of sweet peas, 100 sprays—Mrs. Fred Frelinghuysen, Oakhurst, N. J. (Geo. Masson, Gr.), 1st; F. E. Lewis, 2nd.

Vase of snapdragons—F. E. Lewis, 1st; Henry Goldman, Deal Beach, N. J. (Anton Bauer, Gr.), 2nd.

Narcissi, three vases—Mrs. H. Darlington, 1st.

Freesias, 50 arranged for effect—Henry Goldman, 1st; T. D. Leonard,

Morris Plains, N. J. (E. Yeandle, Gr.) 2nd.

The following were also awarded special prizes: Lager & Hurrell, Summit, N. J., for collection of orchid cut blooms; Clement Moore, Hackensack, N. J. (J. P. Moosman, Gr.), for new and rare collection of cattleyas; Mrs. H. Darlington, for tulips and other bulbous flowers; D. G. Reid, Irvington, N. Y. (Arthur Golding, Gr.), for Narcissus Golden Spur, lilies and freesias; F. E. Lewis for vase of mixed carnations, Hamilton Farms, Gladstone, N. Y. (Fred Huyler, Gr.), vase of Rose Hoosier Beauty; Mrs. F. A. Constable, vase of buddleia and L. Speciosum; Mrs. Fred Frelinghuysen, narcissi; Adrian Iselin, Jr. (Jos. Tiernen, Gr.) three vases of Cattleya Trianae. Bobbink & Atkins, Rutherford, N. J., exhibited a collection of hardy flowering shrubs and blooming bulbous stock. A. F. F.

Wichita, Kan.

DEMAND HOLDS UP WELL.

Since the holidays trade has held up well with funeral work the heaviest item. January weather was severe and not favorable to production, causing the buying of much stock from the wholesale centers and the prevailing high prices were taken quite seriously. St. Valentine's day trade was very good—probably better than last year. There was good sale of valentine boxes in special designs, etc.; also good sale for specimen plants of azaleas, cyclamens, primulas and made-up plant basket arrangements. This class of goods received special notice from the married people, and there seems to be a place for the good plants to help out the cut flowers as on other special occasions.

NOTES.

The first carload of material for the new greenhouses planned by Chas. P. Mueller has arrived. He is building an extensive garage at the greenhouses. He finds use for three cars in his business, besides the touring car for personal use, and rumor has it that his order is out for a "Hudson Six." Newspaper reports state that Mr. Mueller will open a second store in the Palace Theatre building about March 1. The equipment will be of the best and very handsome. Miss Mattie Barley, for some years confidential clerk and office manager at the store on Main street, will have charge.

Herman Springer, greenhouse foreman for W. H. Culp & Co., has purchased the Butler greenhouses at Chillicothe, Ohio, and takes immediate possession.

Elwood Kline, of Kline's Flower Shop, Hutchinson, Kan., has sold the shop and moved to this city and taken a position in the store of W. H. Culp & Co.

C. A. Rose and F. Kuechenmeister both report good business.

Visitors: Leonard Vaughan, representing Vaughan's Seed Store; W. M. Reid, of W. W. Barnard Co., and Wm. Jacobs of A. L. Randall Co., Chicago. C.

Ft. Wayne, Ind.

Fine weather, a good supply of flowers in nearly all varieties and a well arranged publicity campaign were the factors in making St. Valentine's day business one of the best in years. Corsages, the old-fashioned bouquet and bulbous stock in pots, sold especially well, although the heart-shaped boxes enjoyed their usual popularity.

NOTES.

Decorations for several St. Valentine's day and Washington's birthday dances, together with table decorations for several banquets, have kept

the Flick Floral Co.'s force busy. Aaron Shive, superintendent at the greenhouses, has been a sufferer from a severe case of grippe of several weeks' duration.

Visitors: Ernest F. Hoehle, representing S. S. Skidelsky & Co.; I. M. Bayersdorfer, representing H. Bayersdorfer & Co., and J. P. McCarthy with M. Rice Co., all of Philadelphia.

H. K.

Kansas City.

BETTER SUPPLY AND PRICES MODERATE.

Pleasant days which have been the rule for the past two weeks have increased the supply and caused a proportionate drop in prices. Roses are more reasonable in price and are arriving in larger numbers, but carnations set the pace for quantities with bulbous stock crowding them fast, especially tulips and jonquils, the latter selling as low as 75 cents per 100. Pot plants are still moving fast in the better grades especially cyclamens, lilacs and freesias. Other popular offerings include Butterfly sweet peas, daffodils and lilies.

NOTES.

Business at Arthur Newell's establishment is all that could be desired. The spacious windows here offer opportunity for clever decorations and pans and boxes of white lilac and azaleas are now attracting much attention. Adolph Wren, formerly of Atlanta, Ga., has been added to the force as assistant to Earl Lacey and is already popular with the trade.

At a meeting of the Jackson County Apple Growers' Association held at Independence, February 19, officers were elected for the following year. W. E. Schilling of this city is secretary-treasurer of the organization.

The monthly luncheon of the Missouri Valley Horticultural Society was held February 18 at the Coates House. Following the repast a number of interesting papers were listened to.

W. J. Barnes is kept busy and is cutting a good supply of stock. Pot plants continue in good demand here and his stock coming on for Easter is showing fine form.

Wm. L. Rock Flower Co. reports trade as being at top notch. Stock in good supply is arriving from the greenhouses and is readily disposed of.

T. J. Noll & Co. report shipping trade as being especially brisk. A daily clean up in all lines is the rule.

E. J. B.

Moline, Ill.

Arvid Anderson, gardener to the Deere estate, was married in Chicago, February 18, last. He married Miss Anna Peterson, a Davenport girl of great popularity. The Rev. F. Lambrecht of Chicago performed the ceremony. Mr. and Mrs. Chas. Kehr were in attendance. The bride, a charming young lady, was handsomely gowned in a blue traveling suit and wore a massive bouquet of orchids. After spending a brief honeymoon in Chicago they will return home to this city and some explanation will be in order for not taking any of Mr. Anderson's many friends into his confidence as it was a great surprise to his fellow florists, who all thought he was a confirmed bachelor.

New York Bowling.

Scores of the New York Florists' Bowling Club, rolled Thursday, February 17, were as follows:

J. Miessner	178-159
C. W. Scott	202-179
J. Fenrich	186-182
P. J. Smith	142-158
W. H. Siebrecht	175-152
H. C. Riedel	169-196
A. Kakuda	159-161
W. P. Ford	156-158

OBITUARY.

August Junge.

August Junge, for the past 15 years and until six months ago, a member of the firm of Komitsch & Junge, growers, of Secaucus, N. J., died February 15 of gas poisoning, supposed to have been inhaled with suicidal intent. The firm of Komitsch & Junge began business in a very small way about 15 years ago and were very successful. They became growers of probably the largest output of orchids of any one firm in this country, in addition to heavy crops of chrysanthemums and sweet peas, which have always been shipped to Traendly & Schenck, New York. The health of the deceased began to fail about 18 months ago, and six months ago Mr. Komitsch bought his interest and the partnership was dissolved. It is stated that he was worth \$60,000, mostly cash. After selling his interest, his malady increased and his mind became seriously affected. He spent some time in a sanitarium, but did not improve. He was unmarried, a native of Germany, and about 43 years old. Previous to his illness he had been a hard worker, and was a man of a genial and companionable temperament.

Darius Easterday.

Darius Easterday, originator of the Woodrow Wilson apple, and a pomologist of note, died at his home near Washington, N. J., February 19. It had, for years, been his ambition to develop an apple of unusual size, and when he finally succeeded in producing one that is said to have weighed 20 ounces, he took it to the White House and got the president's permission to name it for him.

ELKHART, IND.—Hugh Hills has sold his business to the West View Floral Co. of this city.

LANCASTER, PA.—R. P. Antes and Charles F. Edgar will open the Rose Shop about March 1.

CORTLAND, N. Y.—Harry J. Brownhill has purchased C. V. Hike's interest in the Hike-Allen Floral Co.

CHARLESTON, WEST VA.—F. H. Winter has returned from an extensive tour of the Ohio and Indiana growers.

BINGHAMPTON, N. Y.—The Susquehanna Valley Greenhouse Co. will erect a range on Brown street to cost \$3,000.

CATONSVILLE, MD.—One new house, 35x100 feet, to be devoted to sweet peas, will be added to the range of Charles H. Cook.

BALTIMORE, MD.—The Baltimore Florists' Supply Co. is a new concern located at 11 East Pleasant street. J. Ward Perry is manager.

SAULT STE. MARIE, MICH.—Wm. E. F. Weber has recently opened a store downtown and will handle flower and vegetable seeds in addition to flowers and plants.

EVANSVILLE, IND.—Geo. Blackman, of the Wm. Blackman Floral Co., had a serious fall during the Christmas holiday rush, causing a painful sprain of one shoulder, which is improving slowly.

COLLEGE STATION, TEX.—Professor J. J. Taubehaus, for several years plant pathologist at the Delaware agricultural experiment station, has been appointed plant pathologist and physiologist at the Texas experiment station and will make his headquarters here.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO**

THIS ISSUE, 52 PAGES WITH COVER

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ONE grower says the Mrs. Charles Russell rose is fine except in December, January and February.

BUDDEIA ASIATICA 'grown under glass by Wm. Korb, Louisville, Ky., sold for 50 cents per spray early in February.

Lily of the Valley Importations.

Reports of importations of lily of the valley pips are being issued, stock arriving via Rotterdam. Records of last season for shipments sent in January show that nearly half of them were lost by sprouting because the Rotterdam-New York Dutch steamers had no ice storage facilities. If December and January shipments arrive sprouted, what will be the chances for stock forwarded under similar conditions as late as February or early March?

Gas Poisoning From Bulbs.

With reference to the alleged exhalation of poisonous gases by bulbs in shipment in steamer's hold, report of which was made in our issue of September 18, page 484, W. A. Taylor, chief of the bureau of plant industry, United States department of agriculture, in response to a request, writes: "We appear to have no record of any disastrous effect of such exhalation unless the news dispatch is an accurate statement of fact. As practically all living plant material, including fruits and vegetables, exhales more or less carbon dioxide, the presence of a large quantity of such material in a closely confined space is certain to vitiate the air if ventilation be entirely lacking, rendering it dangerous for persons to breathe. The opening of a storage chamber or vessel's hold some time in advance of entrance to it to permit ventilation, would remove any possible risk, just as is now known to be necessary in the case of silos, which have been tightly closed for any considerable period after filling. Experimental work in the storage of fruits and vegetables has proceeded sufficiently far to indicate that sufficient ventilation to prevent the accumulation of carbon dioxide in the storage chamber is advisable from the standpoint of the best preservation of these products themselves, and the same would probably be true in the case of bulbs."

Fourth National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2.

The Hotel Walton has been chosen as hotel headquarters for the National Flower Show.

Several additions have been made to the schedule in the way of special prizes. Geo. C. Thomas, Jr., Chestnut Hill, Pa., offers a prize of \$50 in the classes for private growers for the best collection of cut roses, comprising the varieties Killarney, or Double Pink Killarney, Lady Alice Stanley, My Maryland, Jonkheer J. L. Mock, Ophelia, and Mrs. Aaron Ward. He also offers in the same section a \$50 prize for the best collection of climbing roses in flower.

A splendid location has been decided upon for the exhibits of retailers, and J. J. Habermehl's Sons, of Philadelphia, have reserved 600 square feet in this section. This reservation, with the others previously reported, insures a good representation of retailers.

The orchestra is to be placed on a platform over the aisle leading from the main floor to the main floor extension, a position which is very good acoustically, and forms a connecting link between the two floors.

The ladies having in charge the tea garden at the New York show are arranging to visit the Philadelphia show in a body, the friendly rivalry existing between the two cities in regard to their respective tea gardens creating quite an interest in the entertainment features of both shows.

The Boy Scouts of Philadelphia will officiate as ushers at the show, and will place themselves at the service of the visitors with their usual ability.

The schedule for the show includes an aquarium exhibit such as was never before attempted. Aquatic plants will, of course, be a feature in this section. There are over 50 classes in this section, and it will

prove to be a unique feature of the show. The final schedule of the show is now in the printers' hands, and will be distributed about March 1.

The trade space on the main floor is practically now all reserved, but some excellent locations on the main floor extension, which will be a popular section of the show, are still available.

JOHN YOUNG, Sec'y.

Chicago to Moline.

ILLINOIS STATE FLORISTS' CONVENTION.

At the February meeting of the Chicago Florists' Club the Rock Island Railroad was selected as the route to the annual convention and exhibition of the Illinois State Florists' Association, to be held at Moline, March 7-8, the club members leaving the Rock Island station, LaSalle and Van Buren streets, Chicago, on Train No. 7, Tuesday, March 7, the first day of the meeting, at 10:00 a. m., due at Moline 1:53 p. m., the opening business session being called for 2:00 p. m. that day. The one-way fare is \$3.58. There are no party or other special rates on this trip.

Other Rock Island trains for those who can not leave on the club train are as follows: Leave Chicago 3:45 p. m., due Moline 8:15 p. m. Leave Chicago 6:00 p. m., due Moline 10:03 p. m. Leave Chicago 1:30 a. m., due Moline 5:55 a. m. Lower berths are \$1.50, upper berths, \$1.25.

Some inconvenience may be avoided by securing round-trip tickets of W. D. McFarland, Passenger Agent, Rock Island Railroad office, 50 West Adams street (corner Dearborn and Adams streets). Mr. McFarland will reserve seats for those who secure their tickets in advance.

Chicago to Philadelphia.

FOURTH NATIONAL FLOWER SHOW.

At the February meeting of the Chicago Florists' Club the Pennsylvania Railroad was selected as the route to the Fourth National Flower Show, to be held at Philadelphia, March 25-April 2, the club party leaving the Union station, Canal street, on Train No. 8, Saturday, March 25, the opening day of the show, at 3:15 p. m., due Philadelphia 5:50 p. m. the following day. The individual fare in either direction, between Chicago and Philadelphia, is \$19.10 and the party fare for 10 or more people on one ticket is \$17.39 per capita between the same points in either direction. The Pullman fares are \$3.60 for upper berth, \$4.50 for lower, and \$16 for a drawingroom, two tickets being required for the exclusive use of a drawingroom.

Other Pennsylvania Railroad trains for those who can not leave with the club party are: Pennsylvania Limited, leaving Chicago 5:30 p. m., due Philadelphia 3:08 p. m. (excess fare \$4), and Manhattan Limited, leaving Chicago 10:30 a. m., due North Philadelphia 7:19 a. m. (excess fare \$5).

Persons desiring to visit New York during the show at Philadelphia can secure one-way tickets to New York at a cost of \$21.10 with the privilege of a 10-day stopover at Philadelphia.

For reservations, etc., address District Passenger Agent, E. K. Bixby, 175 West Jackson boulevard, Chicago. Telephone, Wabash 3660.

Club Meetings Next Week.

(Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.)

Providence, R. I., February 23, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 98 Westminster street. Wm. E. Chappell, secretary, 333 Branch avenue, Providence.

Louisville, Ky., March 1, 8 p. m.—The Kentucky Society of Florists, store or greenhouse of members. August Baumer, secretary, Masonic Temple, Louisville.

Albany, N. Y., March 2, 8 p. m.—Albany Florists' Club, 611-613 Broadway, Robert Davidson, secretary, 139 Second street, Albany.

Milwaukee, Wis., March 2, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegl's Cafe, State and Third streets. Eugene Oestreicher, secretary, North avenue and Fifty-fifth street, Milwaukee.

Lake Forest, Ill., March 3, 8 p. m.—North Shore Horticultural Society, Council Chamber, City hall. E. Bollinger, secretary, Lake Forest.

Coming Exhibitions.

(Secretaries are requested to supply any omission from this list, and to correct any dates that may have been altered since the last advices.)

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young florist and gardener, single, on commercial or private place, good grower of bedding and pot plants. Have best references. Chicago or suburb preferred. Address Key AAA, care American Florist.

Situation Wanted—By florist and gardener with 14 years practical experience in growing all kinds of greenhouse plants and cut flowers, fruits and vegetables, lawns and flower gardens. Prefer private place. Hard worker; single, age 30. Address Key 60S, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas and all kinds of greenhouse stock. All credentials and references. Can commence at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—By February 25. Gardener florist, 33, married, two children, hard working. First class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 595, care American Florist.

Help Wanted—Experienced florist capable of taking charge of greenhouse and care of grounds; private sanitarium.

OXFORD RETREAT, Oxford, Ohio.

Help Wanted—Good all around man as helper in commercial place near Chicago. Good salary to start. State full particulars in first letter. Address Key XXX, care American Florist.

Help Wanted—Landscape man. Energetic foreman for nursery concern in Chicago. Man capable of handling small as well as large plantings from plans. This is a year round position for the right man. Address Key 604, care American Florist.

Help Wanted—Any old experienced gardener, understanding the growing of carnations, pot plants, etc., wishing a good home communicate with HARVARD GREENHOUSE, Harvard, Ill.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter. Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner, 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants Ask for full particulars. LOUIS SCHELIHAAS, Miamisburg, O.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs, for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—Retail florist business in Chicago, in high class location, established over five years. A well paying business with a well established trade. Owner going in wholesale business. A florist with \$1500 cash will get a bargain. Address Key 601, care American Florist.

For Sale—At a bargain. Range of greenhouses consisting of 13,000 square feet of glass, fully stocked with carnations, also young stock in good shape and four acres of ground partly planted to peonies. Splendid opportunity for right party to secure good paying business in one of Chicago's wealthiest suburbs on the C. & N.W. Ry. near the depot and only 35 minutes ride from Chicago. Also have a good retail trade. Will take part cash and balance on easy terms. Hurry. Address Key BBB, care American Florist.

Help Wanted.

Foreman and assistant for greenhouses on a private place at once. When writing send references and state salary required. Address Key 606, care American Florist.

HELP WANTED

Two single gardeners for gardens and grounds on a private estate wanted at once. Good wages for competent men. Address Key 609, care American Florist.

WANTED

1 Orange Tree, 4 to 10 feet high. 12 Musa Ensete, 6 to 8-inch pots. Send full particulars with photo of Orange Tree. Address Key 609, care American Florist.

ADVERTISER WANTS TO RENT

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business.

Key 607, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2½x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

DREER KENTIAS

GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 10 in. high	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4 1/2 to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5 1/2 to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6 1/2 to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

	Height.	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 12 in.		\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5 leaves, 12 to 15 in.		2.00	15.00	140.00
4 in. pots, 5 to 6 leaves, 15 to 18 in.		4.50	35.00	Each
5 in. pots, 5 to 6 leaves, 22 to 24 in.				\$0.75
6 in. pots, 6 leaves, 28 to 30 in.				1.00
6 in. pots, 6 leaves, 34 to 36 in.				1.50
7 in. pots, 6 to 7 leaves, 38 to 40 in.				2.00
7 in. tubs, 6 to 7 leaves, 40 to 42 in.				3.00
8 in. tubs, 6 to 7 leaves, 45 to 48 in.				4.00
8 in. tubs, 6 to 7 leaves, 4 ft.				5.00
10 in. tubs, 6 to 7 leaves, 4 1/2 to 5 ft.				6.00
11 in. tubs, 6 to 7 leaves, 5 to 5 1/2 ft.				8.00
10 in. tubs, 6 to 7 leaves, 5 1/2 to 6 ft.				10.00
12 in. tubs, 6 to 7 leaves, 6 1/2 to 7 ft.				15.00
14 in. tubs, 6 to 7 leaves, 7 ft.				20.00



MADE-UP KENTIA

PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations.

We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread			\$1.00
6 in. pots, 1 1/2 ft. high, 2 ft. spread			2.00
7 in. tubs, 1 1/2 to 2 ft. high, 2 ft. spread			2.50
8 in. tubs, 2 ft. high, 2 1/2 ft. spread			3.00
10 in. tubs, 2 to 2 1/2 ft. high, 2 1/2 ft. spread			5.00
10 in. tubs, 2 1/2 ft. high, 3 ft. spread			7.50

The above prices are intended for the trade only

HENRY A. DREER, 714-716 **PHILADELPHIA, PA.**
Chestnut Street,

Milwaukee, Wis.

BUSINESS CONDITIONS NORMAL.

Market conditions are what we would call normal at this time; the supply of roses, lily of the valley, bulbous stock, violets and lilies, is such that the steady demand takes care of all from day to day. Carnations are a little ahead of the demand, but owing to their good keeping qualities, little or no stock goes to waste, the only bad feature being the drop in prices, which are not so bad but that they could be a good deal worse.

NOTES.

Fred Craneheld, secretary of the Wisconsin State Horticultural Society, who had a little chat with several of our members February 11, will be a guest at the florists' club meeting, March 2. He will make a strong plea for the affiliation of the local florists' club with that of the state horticultural society. Mr. Craneheld is an interesting talker and his coming should insure a good attendance.

While our two patients, Alfred Schiller and Walter Holton, are well enough to be up and around, they still lack

the strength to attend to business. While we are pleased to give the foregoing report we regret to state that J. Seal, bookkeeper for the Holton & Hunkel Co., is confined to his home with la grippe.

Aug. F. Kellner is busy as a bee these days attending to various details connected with the charity bazaar to be held in the Auditorium March 2-9. The proceeds of this affair will go to the German and Austrian sufferers on the other side of the Atlantic.

A. Hare, who is the chairman of the club's entertainment committee, is a very busy man these days supervising the preliminaries for the dancing sociable to be given, Wednesday, March 1.

Gust Rusch & Co. state that the rose cut from the Cudahy range is increasing from day to day, which will make that line a little more satisfactory than it has been in the past.

Otto Sylvester, Sr., was a caller last week. He says in all his days he never saw a time when funeral work was so brisk as it has been with him for the past three months.

John M. Dunlap of Wauwatosa, a pioneer florist of Milwaukee, reports the arrival of a baby girl at his home last week. He is now the proud father of five boys and two girls.

The C. C. Pollworth Co. reports satisfactory business for St. Valentine's day.

E. O.

Johnson City, Tenn.

Gunnar Teilman has a range of 10,000 feet of glass advantageously situated near the railroad station and express office, giving him excellent shipping facilities. In the carnation house, Beacon and White Enchantress were seen in fine condition. The rose house and the part of the establishment devoted to decorative plants were also filled with good stocks. An acre of ground is reserved for nursery stock.

James Venable, Sr., who had been a successful florist here for a number of years, died February 6, aged 65 years. His son, James, Jr., will continue the business.

J. E. K.

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

Daffodils-Jonquils-Tulips-Sweet Peas Carnations-Easter Lilies-Cattleyas

CURRENT PRICE LIST—Prices Subject to Change
Without Notice

MRS. CHAS. RUSSELL

	Per Doz.
48 inches	\$5.00
30 to 36-in.	4.00
26 to 28-in.	3.00
22 to 24-in.	2.00
18 to 20-in.	1.50
16-inch.	1.25
Short, per 100	\$6.00 to 8.00
Hoosier Beauty	Per 100
Richmond	Special, Charged... accordingly.
Hadley	
Ophelia	
Sunburst	
Milady	Long .....\$10.00
Kill. Brilliant	Medium..\$6 to 8.00
	Short 4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$6.00
36-in.	5.00
24 to 30-in.	\$3.00 to 4.00
18 to 20-in.	2.00
Short	per 100 \$6.00 to 12.00

	Per 100
Bulgaria	Special.....Charged accordingly
Aaron Ward	Long .....\$10.00
Killarney	Medium .....\$6.00 to 8.00
White Killarney	Short 4.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer	\$1.50 to \$2.00
Violets, double or single	.50 to .75
Jonquils and Daffodils	3.00 to 4.00
Paper Whites, Romans	4.00
Smilax	doz. \$2.00
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000, \$1.50
	100, .20
Leucothoe	100, .75
Mexican Ivy	1000, \$6.00; 100, .75
Ferns	1000, 2.50; 100, .30
Boxwood	bunch, 25c; box, 8.00
Wild Smilax	per case, 5.00

ORCHIDS

	Market Price.	Per Doz.
Cattleyas	\$4.00 to \$6.00	
Gardenias	2.00 to 3.00	

EASTER LILIES

Per 100	\$10.00
---------	---------

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------	------------------------

CARNATIONS

	Per 100
Best Fancy, all colors...	\$3.00
Medium	2.00
Splits	\$1.00 to 1.50

TULIPS

Faucy	Per 100, \$4.00
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FLORISTS' SUPPLIES

MARCH 17--ST. PATRICK'S DAY

We have received a limited quantity of G. S. B. St. Patrick Green, per bottle, \$1.00.

Every florist should have a supply of

The Hughes Shamrock Box

1916 DESIGN

"A BIT OF OLD IRELAND"

5½ inches long, 3 inches wide, 3 inches deep. Compartment for two 2-inch Shamrock plants. Irish Landscape Scene—Blarney Castle—on inside cover.

Display these boxes in your windows and make new friends and customers. Everyone with a drop of Celtic blood responds to the sentiment.

PRICE, \$1.80 per doz.; \$15.00 per 100

BOXES WITH SHAMROCKS

\$2.40 per doz.; \$20.00 per 100



DON'T WAIT—ORDER NOW—IMMEDIATE DELIVERY

Roses-Carnations-Sweet Peas

A Heavy Crop Now On

Our Sweet Peas Are All Orchid Flowering Varieties

American Beauties		Per doz.
Extra long stem Specials.....		\$6.00
Medium.....	\$2.00 to \$4.00	
Shorter lengths.....	.50 to 1.50	

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

	Per 100
Extra long stems	\$12.00
Good length stems.....	10.00
Medium stems.....	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long.....	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

	Per 100
All colors	\$3.00

Sweet Peas—Zvolanek's orchid flowering

extra long stemmed stock.....	1.50 to 2.50
Jonquils, Tulips and Daffodils.....	2.00 to 4.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS

Chicago.

TRADE RATHER QUIET.

Trade the past week has been rather quiet and stock has accumulated to such an extent that there is now plenty of everything with the exception of American Beauty roses to go around. While there appears to be a large supply of stock in the market, there is no great oversupply to speak of and a few brisk days would find quite a change in the market conditions. Some may take exception to this but it is nevertheless true and the only reason that there is so much stock seen now is because trade is unusually quiet. Mrs. Chas. Russell roses are quite plentiful, but are in good demand and clean up fairly well at good prices. Roses in general are in larger supply with one or two exceptions but taken all in all there have been more than enough to go around in almost all the varieties the past week. Carnations are seen in unusually large numbers and are selling at reduced prices with very choice stock obtainable in all the leading varieties. Orchids and gardenias are plentiful but clean up nicely each day and the same holds good for lily of the valley. Sweet peas are in large supply but hold up well in price considering the large supply of other stock offered. Tulips, jonquils and daffodils have dropped somewhat in prices, and the same applies to Paper White narcissus and Romans which do not appear to be any too plentiful. Lilies are arriving in much larger quantities and a fair supply of stocks is seen. Violets are seen in large numbers but are not moving any too well and are selling at very low prices. Freesia is still being offered in large quantities but is not moving as briskly

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

HIGHEST QUALITY CUT FLOWERS-GREENS

Absolutely essential kinds to the progressive florist desirous of obtaining the best for the least money. Complete line. Try us on any item. Do it today.

as it should. Pansies, daisies, calendulas and other miscellaneous seasonable stock is included among the offerings and the buyer now has a splendid opportunity to select from a large variety of stock and obtain same at very reasonable prices.

NOTES.

The Foley Greenhouse Manufacturing Co. was awarded the contract to

furnish the material for George Weiland's three new rose houses, 34x400 feet, to be erected at Niles Centre. When the new range is completed Mr. Weiland will have 85,000 square feet of glass all told, counting his Evanston range, the output of which will continue to be sold through the Chicago Flower Growers' Association, of which he is an officer.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE CROPS

SUNBURST-RUSSELL-RICHMOND

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

	Per 100
Killarney.....	
White Killarney.....	
Killarney Brilliant.....	
Sunburst.....	
My Maryland.....	
Ophelia.....	
Richmond.....	
Milady.....	
ROSES, our selection.....	\$4.00

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	4.00
" good.....	2.00 to 3.00
Harrisii.....per doz., \$1.50 to \$2.00	
Sweet Peas.....	1.50 to 2.00
Valley.....	\$4.00 to \$5.00
Violets.....	.75 to 1.00
Smilax.....per doz, strings, \$2.00	
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	.50c to .75c
Ferns, per 1000.....	\$3.00
Boxwood.....per bunch, 25c	
Galax, bronze and green.....per 1000, \$1.00	
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

Z E C H
M A N N
&

YOU CAN ALWAYS GET WHAT YOU NEED, HERE!

Our Line is so complete that it includes every item offered in the Great Chicago Market.

Jonquils, Tulips, Romans, Freesias, Lilies, Paper White Narcissus, Daffodils, Valley.

TRY US ON RUSSELL ROSES

Heavy supply of fancy Russell in the longer stemmed grades—splendid substitutes for Beauties.

ROSES, CARNATIONS, SWEET PEAS, VIOLETS, ETC.

30 E. Randolph St., L. D. Phones
Central { 3283
Automatic, 42-965 Chicago

George Wienhoeber had an order this week to reproduce the North Chicago golf grounds in miniature from the members of the club which was the main object of interest at a dinner held at the Standard Club, Saturday evening, February 19. It was a very good reproduction and if one ever had the pleasure of visiting the north side grounds and could have seen the miniature, he would recognize the place in a moment with the club house on one end and the rustic bridge near the centre. The piece was about 24 feet

long and 2 feet wide, with every detail carried out so carefully that it seemed that the party who laid out the original grounds was the same one who reproduced the miniature.

A. T. Pyfer & Co.'s receipts of roses and carnations are very large, but clean up nicely each day considering the general market condition. Mr. Pyfer says his firm managed to secure a large quantity of green dye for St. Patrick's day for wholesale purposes and has plenty on hand to fill all orders.

C. L. Washburn says that about 20 homes at Hinsdale are quarantined with scarlet fever, among which is that of Charles Swanson, who is an employe at Bassett & Washburn's greenhouses. The public schools, churches and theatres have all been ordered closed until further notice.

Weiland & Risch report receiving an order from the Plant Bureau of the United States Department of Agriculture, at Washington, D. C., for Champ Weiland, their beautiful new rose of a cherry glow.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$2.00 Good...100, \$1.50 Split...100, \$1.00

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50-3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengreri.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

O. A. and L. A. Tonner announce the opening of their new store at 30 East Randolph street, where they are prepared to serve their customers with a complete line of cut flowers and supplies. Miss O. A. Tonner will continue to look after the wholesale cut flower department and Miss L. A. Tonner will manage the supply end of the business. She was formerly with E. H. Hunt and later with Vaughan, McKellar & Winterson, then with McKellar & Winterson and still later had charge of the A. L. Randall Co.'s supply department from 1906 to 1912. Both of the young ladies are well experienced in their lines and are capable of taking care of all orders that may be entrusted to them. Miss Anna Tonner, another sister, will keep the firm's books, so the family will be well represented in the wholesale market.

John Mangel, the Palmer House florist, always keeps his conservatory in tip-top condition and if one drops around just at the right time he will find him on duty in his glass house where one of the finest collections of rare foliage plants are to be found in any one retail establishment in this city.

Bassett & Washburn, E. F. Winterson Co. and the E. C. Amling Co. opened up their stores at nearly midnight Monday, February 21, to accommodate the Ernst Wienhoeber Floral Co. so it could get out a rush funeral order, and fortunately the three firms had enough stock on hand to make a large casket cover and fourteen other designs for a large Catholic funeral held the following day.

F. J. Bentley still speaks highly of the rose Mrs. George Shawyer and says 16,000 plants will be given bench space next season at the Bentley greenhouses at New Castle, Ind. Most of the Bentley stock is sold at Kenicott Bros. Co.'s store, where F. F. Bentley makes his headquarters.

Frank Ayres has received another unpleasant visit again from his old enemy, king carbuncle, who seems to drop around every year regularly about the time that Chas. W. McKellar offers green carnation dye for St. Patrick's day.

Percy Jones never had such a fine and complete supply of bulbous stock as he is offering right now. Business at this house is pretty good, considering conditions, and the sales so far this year have been very encouraging.

VIOLETS AND CARNATIONS

Large supply fancy Carnations in all the leading varieties and the best Double Violets in the market. A trial order will be appreciated.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

G. C. Steffens, 2813 Broadway, has an attractive store since he enlarged his place. He reports business is good and has succeeded in making a store pay in a location where several others could not meet expenses.

H. N. Bruns reports very satisfactory growth of his retail business and thus far the difficulties of importing have shown no decrease in the supply of his high grade lily of the valley.

Joe Marks will represent the A. A. Arnold Paper Box Co. at the annual convention and exhibition of the Illinois State Florists' Association, to be held at Moline, March 7-8.

J. Swenson, formerly with the George Wittbold Co., and later with Ronsley, has accepted a position with Raske's Flower Shop, 170 West Jackson boulevard.

Mary Hartshorn, daughter of Wm. Hartshorn, gardener at Shaw's estate at Winnetka, was operated upon for throat trouble at the Evanston hospital last week.

The John Kruchten Co. is receiving a good supply of gardenias from the Deerfield Nurseries, of Deerfield, who have grown them on a large scale for many years.

Chas. Erne, of Erne & Klingel, is rapidly recovering from the effects of his recent operation and expects to pay the force a visit at the store next week.

John S. Witt & Son, 10429 Wallace street, will start work soon on two new houses 20x126 feet, which will be devoted to the growing of bedding stock.

Albert A. Sawyer, Forest Park, has discontinued the growing of asters and pansies owing to the demand for his land in building operations.

A. Henderson & Co. have their first catalogue in preparation and expect to have the retail seed department equipped for business this week.

Frank Oechslin's handsome new residence on Jackson boulevard is nearing completion. The building will be heated by a Kroeschell boiler.

GREEN Cyaceine Flower Coloring

—FOR—

ST. PATRICK'S DAY

We have handled this coloring for the past two years and find it to be the most satisfactory green coloring in the market and have never known it to injure flowers in any way, not even destroying their fragrance.

We offer this to you at 50c per package (enough for one quart) or three packages for \$1.25, postpaid.

Special discounts on large quantities.

It is impossible to get any more coloring imported, therefore order early.

A. T. PYFER & COMPANY

30 E. Randolph St., CHICAGO, ILL.

Mention the American Florist when writing

C. L. Washburn, junior member of the firm of Bassett & Washburn, will celebrate another birthday anniversary, Sunday, February 27.

Carl Bachler, who was operated upon last week at St. Mary's hospital, is getting along nicely and is well on the road to recovery.

Bob Newcomb and George Mohn, of Vaughan's Seed Store, have returned from prolonged trips and report business good.

August Koch has a fine display of cinerarias and tulips in the newer kinds at the Garfield park conservatories.

Joseph Ziska, Sr., and Emil Jehlik are planning on spending a few weeks at Mineral Springs, Fla.

Mrs. L. S. Spencer, of Champaign, was a visitor at A. L. Vaughan & Co.'s store this week.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Tremendous Supply

Roses, Carnations, Tulips, Lilies, Etc.

Exceptionally Fine Stock that will carry splendidly on long distance shipping orders. Try us.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long stems		\$6.00
36-inch stems	\$4.00 to	5.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium	10.00 to	15.00
Short	8.00 to	10.00

ROSES.		Per 100
White Killarney.....		
Killarney.....		
Killarney Brilliant.	Special	\$12.00
Ward.....	Fancy	10.00
Sunburst.....	Medium	8.00
Ophelia.....	Short	5.00 to 6.00
Maryland.....		
Richmond.....		
Milady.....		

Roses, our selection.....		5.00
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CARNATIONS, select	Per 100	
" fancy	\$ 1.50 to \$	2.00
		3.00

MISCELLANEOUS.	
Cattleyas	per doz., \$7.50
Valley	\$ 4.00 to \$ 5.00
Violets .....	.50 to 1.00
Freerlias	3.00 to 4.00
Paper Whites	2.00 to 4.00
Romans	2.00 to 4.00
Tulips	2.00 to 4.00
Lilies.....	per doz., \$1.50 to \$2.00
Callas.....	per doz., 2.00
Sweet Peas	1.50 to 2.50
Smilax	per doz., \$1.50 to \$2.00
Adiantum	1.00
Asparagus Strings.....	each, 75c
Asparagus Plumosus, per bunch.....	.35c to 50c
Fancy Ferns.....	per 1,000, \$2.50
Wild Smilax	per case, 5.00
Boxwood	per lb., 25c; 50 lbs., 7.50
Leucothoe Sprays .....	.75
Mexican Ivy .....	.75

ANNOUNCEMENT

WE wish to announce to the trade that on and after March 1, 1916, we will be located in our new wholesale store at 30 East Randolph Street, where we will be prepared to handle all orders for Cut Flowers and Supplies. Our line of Supplies will be complete in every respect but we will specialize particularly in Ribbons, Chiffons, Baskets, Boxes, Magnolia Leaves and Cycas Leaves. L. A. Tonner will be in charge of the supply department, which is sufficient guarantee that all orders will be properly attended to, for she was in charge of one of Chicago's leading supply houses for many years and knows exactly the needs of the everyday florist. O. A. Tonner who has been conducting a Wholesale Cut Flower business in the Chicago market for many years will continue in charge of this department and takes this opportunity of thanking her many customers for their kind and liberal patronage in the past and sincerely hopes for a continuance of the same in the future.

YOU ARE CORDIALLY INVITED AND WE WILL BE PLEASED
TO HAVE YOU BECOME ONE OF OUR CUSTOMERS.

O. A. & L. A. TONNER

Wholesale Cut Flowers and Supplies.

30 East Randolph St., Chicago, Ill.

Zeck & Mann's store force bowled the A. F. Ameling Co.'s greenhouse force at Maywood last Monday, February 21, when the Ameling team won three exciting games from the local team. Collatz of Maywood starred with an average of 218 and after the match game was over he and Allie Zeck bowled a game to decide who was the best man. Collatz rolled 248 and Zeck 245.

Peter Reinberg is cutting heavily in Mrs. Chas. Russell roses in the longer stemmed grades and reports a brisk demand for same. Milady and Richmond

are also seen in large supply at this store, and Felix Reichling says that while trade is not as brisk as it might be, his firm has no cause whatever to complain of dull times.

Wietor Bros.' receipts of carnations include all the best new and standard varieties and particularly noticeable now are Philadelphia, Alice, Bonfire, Rosette and Champion. A good supply of American Beauty roses is reaching the store each day, but are in such good demand that they clean up at an early hour.

The National Plant & Flower Co.'s new greenhouses are well under way and will be ready for occupancy soon. The Ickes-Braun Mill Co. is furnishing the material and Mike Winandy, Jr., is doing the erecting.

William Sullivan, of Sullivan Brothers, 871 East Sixty-third street, reports trade as good at both of their south side stores.

J. A. Budlong has a fine cut of roses and a good supply of Double White Killarney is included in the shipments.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

John Poehlmann, Sr., visited Poehlmann Bros. Co.'s store for the first time Wednesday, February 16, since he underwent his operation and it is needless to add that he was as welcome as the flowers in May and sometimes in January. John Poehlmann, Jr., who graduated from the Culver Military Academy last year with the rank of lieutenant, and adjutant, attended a meeting of the veterans of the various wars and their auxiliaries at Palmer Park, One hundred and eleventh street and Indiana avenue, Tuesday, February 22, when General James E. Stuart was the principal speaker. Nearly everyone present was in uniform and the only reason that John did not occupy a seat on the stage was because a beautiful young lady desired his company in the audience. Roland Poehlmann, who is a student at the Western Military Academy at Alton, spent a few days with his folks, Mr. and Mrs. August Poehlmann, at Morton Grove, this week.

Ronsley has closed his store in the Westminster building and is now in the employ of the Flower Market, 6 East Monroe street. It is understood that he will file an involuntary petition in bankruptcy.

M. C. Gunterberg said the sales on one day during Valentine week were as good as the best day Christmas week.

Visitor: C. C. Sander, St. Louis, Mo

Chicago Bowling.

Allie Zech rolled 275 for the florists in his recent game in the Mercantile League last week, which is a new record and saved his side from being whitewashed by the Rickets. He averaged 207 for the three games played. The scores are as follows:

Players	1st Game	2nd Game	3rd Game
Zech	164	149	125
Lorman	164	149	125
Huebner	165	151	159
Price	156	200	108
Olsem	149	164	212
Totals	794	939	790

LAKE GENEVA, WIS.—At a meeting of the Lake Geneva Gardeners' and Foremen's Association held February 15, the following officers were elected: A. J. Smith, president; Wm. P. Longland, vice-president; Chas. Lockwood, Secretary; Axel Johnson, treasurer.

Cleveland.

MARKET IN GOOD SUPPLY.

The market is now well supplied in all lines of cut flowers and plants. Azaleas, genistas, tulips, daffodils and other bulbous flowers in pots and pans are seen everywhere and are moving nicely. Carnations have become more plentiful the past week, but are moving in quantity at reduced rates. Roses, too, are coming in more plentifully, especially Killarneys, Wards and American Beauties. Bulbous stock in all colors and varieties cover the tables and counters of both wholesalers and retailers. Sweet peas are good stock, in all colors. Orchids are moving quickly and stock is exceptionally good. Lily of the valley is not so good this week, but the demand is fair. Asparagus plumosus and Sprengeri are again in good supply, as is adiantum. Freesias have been moving nicely. Snapdragon is short of the demand. Calla lilies are good stock.

NOTES.

Westman & Getz, florists at 5923 Euclid avenue, have been incorporated as The Westman & Getz Co., with a capitalization of \$10,000. The parties interested are Charles E. Adams, formerly connected with the Cleveland Hardware Co.; Miss Hester Getz, H. W. Dirkson, formerly with the Cleveland Trust Co.; C. E. Dirkson and A. C. Adams. When Westman & Getz first began business about 14 years ago on Euclid avenue, near East Eighteenth street, competitors gave them just six months to go. They are still at it—and growing. Miss Westman died several years ago, but the business has been carried on by Miss Getz, until it has now grown to such proportions that incorporation and more help was needed to carry it along.

Herbert E. Bray, newly appointed assistant general manager at Warrensville Farm, has had wide horticultural training, notably at O. C. Barber's estate, the Anna Dean Farm, which is estimated to be worth about three and one-half million dollars, composing 3,600 acres of land, and producing flowers, dairy products, food stuffs and cattle.

John Demas, who has been ill with pneumonia for nearly a month, is up and around again, but still unable to

Current Price List

ROSES Per 100

Mrs. Chas. Russell...\$10.00 to \$15.00
Ophelia)
Sunburst) Long.....10.00
Killarney.....) Medium \$6.00 to 8.00
W. Killarney...) Short.... 5.00 to 6.00
Kill. Brilliant..)
CARNATIONS, De Luxe..... 3.00
Select..... 2.00

Miscellaneous

Jonquils\$ 2.00 to \$4.00 per 100
Daffodils..... 3.00 to 4.00 per 100
Freesias 2.00 to 3.00 per 100
Lilies..... 10.00 to 12.50 per 100
Lily of the Valley, \$4.00- 5.00 per 100
Violets, double, \$0.50 to 1.00 per 100
Sweet Peas..... 1.50 to 2.00 per 100
Paper Whites... 3.00 to 4.00 per 100
Tulips..... 3.00 to 4.00 per 100
Ferns..... 3.00 per 1000
Asparagus.....bunch, 35c to 50c each
Sprengeribunch, 25c to 35c each
Galax.....\$1.00 1000
Mexican Ivy.....76c per 100
Boxwood.....large bunch, 25c each

Subject to Market Changes.

take care of his flower stand in the Colonial Arcade.

Mrs. G. Loeffelbein, 6515 St. Clair avenue, has been ill with the grippe for several weeks. She has recovered enough to be back at her store.

Visitor: Paul Berkowitz, of H. Bayersdorfer Co., Philadelphia, Pa.
C. F. E.

Washington.

PRICES DROP WITH INCREASING SUPPLY.

Market conditions have shown considerable improvement since our last report. Roses are more plentiful and prices have taken a tumble. American Beauties can be had for from \$3 to \$9 per dozen for specials, while Shawyer, Killarney Queen and Radiance, equally as good as far as stem and flower are concerned, are offered at from \$20 to \$30 per 100. Other varieties, including Ophelia, Ward, Russell, Mock, the Killarneys, Richmond and Taft were quoted at prices varying from \$4 to \$12 per 100. Sweet peas are plentiful and never were better at this time of the year. Bulbous stock is plentiful but prices remain firm.

NOTES.

Elmer Maybury, manager for the DuPont Floral Co., reports business beyond his expectations and he has had to increase his working force. The window displays at this establishment are always an attractive feature and the object of much favorable comment.

From present indications this city will be well represented at the national flower show in Philadelphia, March 25-April 2. One retailer will have all of his employees visit the exhibition at his expense, and his force is a large one.

W. Clark & Sons are sending in some of the finest jonquils to be seen here. Their Silver Wedding variety is especially fine and the supply is not sufficient to meet the demand.

J. H. Small & Sons had the decoration for the fancy ball at the New Willard hotel. Over 75 cases of southern smilax were used in the embellishment of the walls and ceiling.

O. A. C. Oehmler has added to his force. Sam Everett has given up his stand in the Eastern market and can now be found at the Oehmler store on G street.

Visitors: E. J. Fancourt, J. Smith and S. Bayersdorfer of Philadelphia; C. Ryerson, Newark, N. J.

G. C. D.

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

Heavy Supply of the Most Popular Roses—**Russells, Ophelia, Sunburst, Double White Killarney** in the short and longer stemmed grades. Also plenty of **Pink Killarney, Killarney Brilliant, Richmond, Milady and Wards.** Orchids, Snapdragons, Lilies, Valley, Daffodils, Violets, Sweet Peas, Freesias, Tulips, Jonquils, Harrisii, Callas, Daisies, **AND ALL OTHER CUT FLOWERS AND GREENS.**

Heavy cuts of Carnations received daily. Special prices on quantity lots

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Everything Seasonable--Prices Reasonable.

Oklahoma City.

HEAVY SPRING TRADE ANTICIPATED.

February 19 was the first pleasant Saturday we have had so far this year. It was an ideal spring day and the flower stores were thronged with crowds the entire day. Business along all lines has been quite good all the week, and now that people are beginning to make preparations for their spring gardening, trade is going to increase materially. The call for canna tubers and sweet-pea seed is already developed to quite an extent.

The fact of Easter being so late this year will be rather a disadvantage here, as the chances are the weather will be quite warm by that time and there will be much difficulty

in holding some lines of stock back; however, there is no doubt that beneficial conditions will arise that will more than offset the drawback of a late Easter, and we are looking forward to the largest spring trade ever experienced in this city.

Saturday bargain day sales continue to be a feature with the florists. This week, Furrow & Co. made a run on flowering plants and had a fine showing of azaleas, Dutch hyacinths, lilac and cyclamens. The Stiles Co. made a run on cut flowers with violets and carnations as the special features.

Gov. R. L. Williams officially designated February 20 as "Fathers' day," and through the suggestion of Col. Leecraft, the governor's private secretary, the violet was selected as

the emblem to wear on Fathers' day, so our state now has both a Mother's day and a Fathers' day, and someone has suggested that a week be designated for the children.

The high prices of thread, ribbons, tin-foil and ties for corsages are the cause of much comment here. Traveling men lay the blame to the European war, lack of dye stuffs, etc. Of course, there is no come back to such explanations and we have to admit that the effects of a great war can be far-reaching.

Mrs. Eager, of Furrow & Co., visited in Guthrie this week.

Visitors: Ed. Jacobs, representing A. L. Randall Co., Chicago; W. E. Harris, representing Wertheimer & Co., New York.

S. S. B.

REED BASKETS

For four, five and six inch pots. Stained in all the desired colors, Green, Brown, etc.

2 DOZEN FOR \$6.00

The same assortment mentioned above in the Two-Tone and Bronze finishes, \$8.50.

ORDER TODAY.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.



Lancaster County Florists' Club.

One of two things is certain—either 3:30 is a more popular hour than 1 o'clock, or W. B. Girvin has a magnetic attraction to draw a crowd, for our visiting trips this winter have not been overcrowded numerically, but this time we had a full 25 and they were all well repaid.

Carnations are of course the principal feature at this, as at all Lancaster county ranges, and his Matchless proved that this variety is a profitable one, for although the main crop was just off, enough flowers were coming into bloom to cover expenses until the second large crop would follow, which will be about Mothers' day. Talk about your gold mines or "Bethlehem steel"; they are not "one, two, three" alongside of this proposition. The place as a whole is what might be termed, between crops. Beacon, while not quite as good as last season, has produced its quota and will soon be ready for pulling out to make room for young stock. Mrs. C. W. Ward is producing some very fine flowers, but along with them about five per cent of splits and poorly colored blooms. Mrs. Akehurst is highly thought of and will be planted very extensively next season; in fact, nearly to the exclusion of all other pinks. Gloriosa is in good shape, as is Pink Delight, but successors that will produce more cuttings are being sought. The cut of carnations from this place during January was 32,000. Chrysanthemum cuttings and carnation cuttings are a feature here and are in the sand by the tens of thousands; in fact, pot stock runs into large figures, and in talking of plumosus Mr. Girvin glibly rolls over his tongue, the numbers 25,000 to 50,000—hundreds are a forgotten quantity here.

Returning, Dennis Connor and the writer stopped at the station and met the essayist of the evening, M. C. Wright, and the writer was the only member of the club to take dinner with him, although a number of the members were hailed and asked to join us. Right here is where this club falls down with a dull sickening thud. It is a cold-blooded proposition to ask a man to give his time and money to come and favor us with such papers as we have been receiving from our out-of-town essayists, allow them to be met at the station by one lone member of the club, accompanied to dinner by the same lone member, and often after the lecture, a beggarly two

accompany the lecturer back to his hotel or to the railroad station. Reciprocity is the order of the day, and when we stop to think of the time such men as Messrs. Wright, Pennock, Vincent and others give to us, is it absolutely essential that we make the first car out of town after the meeting? There is one place where we do not fall down, however, and that is in proportion to membership, the club holds the record for the United States in turning out to hear our different speakers. Mr. Wright certainly had a large and appreciative audience, and the vote of thanks at the end was a real one from the heart. The slides accompanying the paper were highly appreciated and added much to the body of the paper.

On the exhibition table we had a very handsome bunch of sweet peas from E. P. Hostetter, of Manheim; Purity freesias from John R. Shreiner, and Rudolph Nagle proved to us, by his vase of mignonette, that he knew the business well enough to make his first attempt a complete success. Among the visitors were T. J. Nolan, of The King Construction Co., Dennis Connor and M. C. Wright, of The Lord & Burnham Co.; Mr. Kenny, of the Cumberland Floral Co., Harrisburg, Pa., and E. S. Rutt, of Elizabethtown, Pa.

In addition to the routine business of the club a proposition was presented by H. Horter Fricke for The Philadelphia Press in relation to a special issue for flower show week, and in which the club has taken a five-inch double column space for general publicity purposes, and in which will appear a full list of our membership. It was also moved that we buy 100 tickets for the use of our club members, and arrangements are on foot for a "Lancaster day" with special train and special rates.

The programme committee, through its chairman, H. K. Rohrer, has in store for us at the next meeting, March 16, an illustrated lecture by Richard Vincent, Jr., on the bulb industry in Holland and we are going to have our wives and sweethearts at this meeting. Our new president, Mr. Schroyer, seems determined to give the girls a chance at our bachelor florists this leap year, and has appointed a committee to arrange for a ladies' night the Thursday following Easter to take the place of our April meeting, which would fall three days before Easter, an inopportune time for most of us. ALBERT M. HERR.

CARNATION DYE

Much the best dye on the market for St. Patrick's day. A packet will color from 75 to 100 carnations. 1 pkt., 25c; 3 pkts., 60c; 12 pkts., \$2.00, postpaid on receipt of price.

Chas. W. McKellar
22 E. Randolph St., CHICAGO

St. Louis.

TRADE INCLINED TO BE QUIET.

During the past week business was rather quiet with the exception of roses which are still very scarce and consequently high priced. There is a good demand for short roses. Carnations sell at \$1.50 to \$3 per hundred, according to quality, but the market on them cleans up readily each day.

NOTES.

Among the notable events of the week was a decoration by the Mullanphy Florists at the formal opening of the Mill Creek Sewer which cost \$3,500,000. There were 192 guests banqueted, among those present being the city officials and several bankers. The walls were white washed and decorated with smilax. Palms were also used. The tables were arranged on either side of the semi-cylindrical arch about 250 feet long, and were decorated with jonquils and red carnations.

Julius Schaffer of the Mullanphy Florists, took the contract for the decoration at the Washington University gymnasium. A shipment of wild smilax from the south has been received for the occasion.

Conrad Bergstermann, proprietor of a flower shop at 3117 South Grand avenue, was found dead in his home, February 20, the cause probably due to heart trouble. He was 59 years old.

The floral department of Scruggs-Vandervoort-Barney Dry Goods Co. has been quite busy the past week with funeral work.

Foster, the Florist, will remove from North Sixth street to Eighth and Olive streets in the near future.

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$6.00	\$50.00
Alice—Salmon shade.....	6.00	50.00
Chas. Siegard.....	5.00	40.00
Enchantress Supreme—Light Salmon.....	3.50	30.00
Philadelphia—Rose pink.....	3.00	25.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	3.00	25.00

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

COLD WEATHER SHORTENS SUPPLY.

The extremely cold and cloudy weather of the past week shortened up the stock considerably in the rose section. American Beauties are particularly scarce and held at high prices. Ophelia is another variety that is shy—growers say it appeared to be resting during January, but expect it soon to get into action. Red roses are also scarce. Carnations appear fairly plentiful, but clean up satisfactorily; the quality is fine but there seems to be rather too many whites. Sweet peas are a great factor; all high grade stock sells at sight at top prices, while the seconds are draggy. Complaint of dropping buds is heard from the growers, due to the cloudy weather. All kinds of spring bulbous stock is now in full supply and as prices are low, however, but little goes to waste. Snapdragons are still scarce, not many being sent in. Easter lilies and callas are to be had now for all requirements. Violets keep about up to demand, also lily of the valley, which is 20 per cent higher than last season, which price appears to be sustained. The St. Valentine's day business appears to have been satisfactory all around. Nearly all retail stores report having had a splendid demand. Boxes of flowers and corsages of choice stock were the staples, with the heart shaped baskets coming next. Very little advertising appeared in the papers—there was no concerted movement to advertise the day, the combined publicity movement which started so auspiciously having apparently fallen through.

NOTES.

National Flower Show matters are being rapidly pushed forward. Every effort is being made to keep ahead of the work. The larger retail stores are being solicited to take part and as one or two new ones come in every few days the retailers' section will doubtless be second to none in the show.

Ten acres of ground on the Northeast boulevard at Bustleton street have been purchased by the Aschmann Brothers. New houses will go up during the summer to give much needed room for their increasing business.

Wm. Leonard, of Lansdowne, has secured an interest in the Philadelphia Wholesale Florists' Exchange, which with this added impetus, will go forward and become quite a factor in this city.

The Robt. Craig Co. will, among their other exhibits at the coming show, layout a rose garden. A look at the plan shows that this will surely be one of the features of the exhibition.

Daffodils have been good stock this season. Growers have fought shy of them after the oversupply of last year and the market has been able to handle all that was offered at good prices.

Godfrey Aschmann's azaleas are now in fine shape. Great preparations are being made for the Easter trade. Well budded hydrangeas are also a feature.

Edward Reid is handling something very choice in Mock roses. These are from Myers & Samptman of Chestnut Hill.

Spring flowers are the slogan with the Leo Niessen Co. Gardenias are also seen in quantity. K.

Wholesale Flower Markets

BOSTON, Feb. 23.

	Per 100
Roses, Beauty.....	50 00@75 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@6 00
" My Maryland.....	5 00@5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@5 00
Sweet Peas.....	1 50@2 00
Carnations.....	1 00@2 00
select.....	2 00@3 00

BUFFALO, Feb. 23.

	Per 100
Roses, Beauty, No 2.....	5 00@12 00
" Killarney.....	6 00@12 00
" White Killarney.....	5 00@12 00
" My Maryland.....	5 00@12 00
" Killarney Queen.....	6 00@12 00
" Richmond.....	6 00@15 00
" Sunburst.....	6 00@12 00
" Ward.....	4 00@6 00
" Taft.....	5 00@12 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Shawyer.....	6 00@15 00
" Bon Silene.....	3 00@4 00
Lily of the Valley.....	4 00@5 00
Lilies.....	10 00@12 00
Cattleyas.....	40 00@50 00
Carnations.....	2 00@3 00
Snapdragons.....	6 00@10 00
Violets.....	50 @ 60
Yellow Tulips.....	2 00@3 00
Daffodils.....	2 00@3 00
Freerias.....	2 50@4 00
Asparagus Sprengeri.....	35 @ 50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Feb. 23.

Roses, Beauty.....	per doz., \$1 50@5 00
" Killarney.....	3 00@8 00
" My Maryland.....	3 00@8 00
" Richmond.....	3 00@8 00
" Taft.....	3 00@8 00
Lily of the Valley.....	4 00@5 00
Lilium Giganteum.....	8 00@12 50
Asparagus Plumosus.....	per bch., 25c
Orchids.....	per doz., 6 00@7 50
Carnations.....	2 00@4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	35 @ 50
Narcissus.....	2 00@3 00
Sweet Peas.....	50 @ 1 00
Daffodils.....	2 00@4 00
Jonquils.....	2 00@4 00
Hyacinths.....	4 00@5 00

Nashville, Tenn.

FINE WEATHER AND GOOD CROPS IN SIGHT.

Trade has about held its own during the past week and the supply of flowers has about equaled the demand. Roses are still scarce, but carnations are very good and plentiful, overcoming the want of a sufficiency in roses. The bulbous stock, too, comes in just now at a very opportune time. Funeral work has been good and plant sales very fine. The weather keeps fair and already the landscape gardener is getting in his work. If the weather continues as it is at present roses will soon be abundant. It is fair and sufficiently cool to hold back vegetation. Violets are blooming on the outside and some jonquils, with a few hyacinths, are venturing forth and many of the more hardy shrubs are putting

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranslead St., PHILADELPHIA, PA.

Mention the American Florist when writing

forth their leaves, but perhaps only to be cut down with the next change in the weather. Sweet peas are proving a great favorite just now and lily of the valley is used for all occasions.

NOTES.

The McIntyre Floral Company, while doing a fine business along general

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

lines, has a big reputation for landscape gardening and has already filled orders in this department with a great many more booked for early delivery. Some of these orders are for private homes and amount to a great deal; others are for public work on civic grounds and institutions. They are also experts with window gardening and have stimulated much trade in this particular.

The Joy Floral Company, ever in the front rank with new ideas and up-to-date enterprises, had a beautiful "George Washington" window that attracted much attention. A bust of the "Father of His Country" on a pedestal behind which was draped the national flag, while in the foreground was the historic cherry tree with the inevitable hatchet, and all around were the early spring blossoms. They had a fine trade this week and very good cuts of flowers.

Geny Bros. have had very good cuts of roses and a great abundance of violets, which are blooming profusely. They are having a fine cut of carnations, lily of the valley and Easter lilies. Trade has been good, especially in funeral work.

M. C. D.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO

Wholesale Flower Markets

PHILADELPHIA, Feb. 23.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
" first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@\$1.50		
Sweet Peas.....	1 00@ 2 00	
Snappdragons.....	8 00@20 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50@ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Feb. 23.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@ 8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50@ 1 50	
Narcissus.....	3 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, Feb. 23.		Per 100
Roses, Killarney and W. Killarney.....	6 00@12 00	
" Ward, Sunburst.....	6 00@12 00	
" Mrs. Chas. Russell.....	10 00@40 00	
" Ophelia.....	6 00@12 00	
" Hoosier Beauty.....	6 00@15 00	
Lilies..... per doz., 1 50		
Daisies.....	50@ 75	
Cattleyas..... per doz., 6 00		
Narcissi.....	3 00@ 4 00	
Sweet Peas.....	1 00@ 2 00	
Carnations.....	2 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Feb. 23.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@10 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	4 00@ 8 00	
" Sunburst.....	5 00@10 00	
" Ophelia.....	6 00@12 50	
" Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	2 00@ 3 00	
Orchids.....	25 00@50 00	
Callas.....	10 00@12 50	
Asparagus Plumosus, per bu, 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Mexican Ivy.....		

New York.

TRADE CONDITIONS SHOW IMPROVEMENT.

The cold snap mentioned in our notes of February 19 did not last long. From February 15 for three days there was a thaw and the streets were a sea of slush and mud, thickly dotted with little islands of snow, which the street cleaners had piled up and carefully preserved as landmarks. The weather here in New York, this winter, has kept the inhabitants in the position of not knowing what a day or an hour may bring forth. February 18 was a day in which heavy clothing was a burden; by the following morning a hurricane was sweeping the city with nearly 20 degrees of frost, but no snow, for which we are truly thankful. Business was quiet during the early part of the week, but braced up considerably February 19 and stock cleaned up fairly well. American Beauties and other roses remain firm, with no surplus. The supply of American Beauties is yet rather light. While the prevailing price for specials has been at the rate of \$60 per 100, there have been a few sales at \$75. Three dollars per 100 is the best price for the average stock of carnations, with a few fancies going at \$4, but much stock sold during the past week for \$1 to \$2, partly due to its poor condition. The sweet pea crop seems to be pretty well cut out as many seen on the market have short stems and are stringy. Lilies are plentiful, and it takes good stock to bring 10 cents per flower. There is little change in lily of the valley, tulips, narcissi and freesias. The sale of violets in this city has degenerated to a peddling business. If any time between now and Easter a day comes that we do not see six to a dozen boys hiking from store to store with boxes of violets under their arms, then "faith, we'll go and print it." The tide seems to have turned in the orchid market and higher prices may be looked for from now on. The asking price for good cattleyas, February 19, was 50 cents per flower. Throughout December and January the low price of orchids, in a period of high prices, was a noteworthy exception. What has become of the old fashioned florist who used to tell us that the orchid supply would soon be exhausted?

February 21.—The weather continues very cold and the supply is somewhat lighter. Roses continue firm and orchids are doing better. In other stocks there is little change.

NOTES.

The New York Times of Sunday, February 20, devoted a column to the coming spring show in this city. A list of private estates that are expected to exhibit follows: Bertram H. Borden, Oceanic, N. J.; Mrs. F. A. Constable, Mamaroneck, N. Y.; F. E. Lewis, Ridgefield, Conn.; Mrs. D. Willis James, Madison, N. J.; F. V. Burden, Newburg, N. Y.; Percival Chubb, Glen Cove, N. Y.; D. G. Reid, Irvington, N. J.; Adolph Lewisohn, Ardsley, N. Y.; Mrs. J. Murray Mitchell, Tuxedo Park, N. Y.; Dudley Olcott, Morristown, N. J.; John Wanamaker, Jenkintown, Pa.; Mrs. H. Darlington, Mamaroneck, N. Y.; Payne Whitney, Manhasset, N. Y.; Ralph Pulitzer, Manhasset, N. Y.; W. E. Kimball, Glen Cove, N. Y.; G. D. Barron, Rye, N. Y.; Otto H. Kahn, Morristown, N. J.; W. B. Thompson, Yonkers, N. Y.; Mrs. J. Hood Wright, New York; Mrs. H. McK. Twombly, Convent, N. J.; Mrs. Ernest Iselin, New Rochelle, N. Y.; Mrs. A. M. Booth, Great Neck, N. Y.; John T. Pratt, Glen Cove, N. Y.; George Schlegel, Bay Ridge, N. Y.; Clement Moore, Hackensack, N. J.; Arthur N. Cooley, Pittsfield, N. J.; George F. Baker, Tuxedo

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of Its Best Growers

Park, N. Y.; Mrs. Howard Cole, Madison, N. J.; George G. Mason, Tuxedo Park, N. Y.; Mrs. J. H. Flagler, Greenwich, Conn.; Mrs. Nathan Straus, Mamaroneck, N. Y., and Mrs. E. S. Griswold, Lenox, Mass.

On February 19, in the new tunnel being bored under the East River, the air pressure blew a hole in the bottom of the river and three men were shot up through 25 feet of mud and 20 feet of water to the surface of the river. John Young, who was at the point of the blow-out, held on to the iron shield and saved himself. To relieve the anxiety of his many friends, we will state that it was not the esteemed secretary of the S. A. F., but another John Young. We mention the incident to show that in the aggregate the John Youngs are a clever and resourceful lot of men. Many of Secretary John's friends are calling him "Grandpa" and we are wondering what it means.

Van Nievelt, Goudriaan & Co., successors to Van Nievelt & Co., custom house brokers, Rotterdam, Holland, advise us that they are well prepared to take care of all orders relating to the forwarding of bulbs, plants or seeds for this country, it being well known that much of the stock from Europe now comes through the port of Rotterdam.

J. G. Leikens, Inc., Madison avenue and 55th street, says that this has been the best winter's business he has had for a number of years. On February 17, he arranged a fine wedding decoration at the Cathedral of St. John the Divine.

The new firm of Goldstein & Futterman, 102 West 28th street, is handling a fine stock of Freesia Purity and other bulbous stock, as well as roses and carnations. They have made a good start, which is half the race.

L. M. Noe, the well known rose grower of Madison, N. J., was in this city, February 19. He has but recently returned from a month of hunting in North Carolina and is in fine health and spirits.

Alexander McConnell is busy getting up a catalogue. Though best known as a florist, he is also a nurseryman and his nursery at New Rochelle is well worthy of a visit in the spring.

William Bogart, buyer for his brother, Peter L. Bogart, has been laid up for a week with lumbago. We hope to see him out again soon, for he radiates cheerfulness wherever he goes.

D. C. Arnold & Co., 112 West 28th street, are receiving heavy shipments of carnations from their range at Babylon, L. I., and are selling out well.



Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

Mention the American Florist when writing

The funeral of the late August Junge, whose death is elsewhere reported in this issue, was held February 19. His body was cremated.

J. W. Hauser, 571 Madison avenue, has recently had a number of fine decorations and reports business in general as good.

Patrick Welch, of Boston, spent February 18-19 in this city calling on old friends and sizing up the market.

Percy Richter, manager for the the United Cut Flower Co., is receiving very fine stocks of Easter lilies.

Eugene Dailedouze and wife have gone to Florida and are likely to remain south for some time.

Visitors: McAlpin Bros. & McDonald, Patrick Welch, Thomas Roland and N. M. Liebson, all of Boston; A. Farenwald and S. S. Pennock, Philadelphia, Pa.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

NEW YORK CITY

Telephone:
3864 Farragut.**Riedel & Meyer, Inc.**

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.

Successors to Badgley, Riedel & Meyer.

Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }

Receivers and Distributors of

CHOICEST CUT FLOWERS**GEO. J. POLYKRANAS**

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No., 2264 Farragut.

J. J. COAN, Inc.

Wholesale Commission Florist.

115 W. 28th St., NEW YORK
Telephones: Farragut 5413 and 5891.Fine stock of the best varieties of
Roses Francis Scott Key, Sunburst,
Ophelia, Hadley, Russell and other
Leading Varieties.Fine Carnations in variety, Bouvar-
dias, Sweet Peas, Asparagus Plum-
osus Nanus, Smilax, Paper White Nar-
cissus, Tulips and Golden Purs.

34 Years Experience in the Florist Business.

Consignments Solicited.

Wholesale Flower Markets

NEW YORK, Feb. 23.	Per 100
Roses, Beauty, special.....	50 00@60 00
" extra and fancy.....	35 00@40 00
" No. 1 and No. 2.....	10 00@15 00
Prima Donna, special.....	15 00@30 00
Alice Stanley.....	3 00@15 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Shawyer.....	3 00@12 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	8 00@10 00
" special.....	8 00@10 00
" No. 1 and No. 2.....	3 00@5 00
" Queen.....	4 00@15 00
" Brilliant.....	3 00@12 00
Aaron Ward.....	4 00@15 00
Richmond.....	3 00@12 00
Sunburst.....	3 00@12 00
Taft.....	4 00@12 00
J. L. Mock.....	3 00@12 00
Hadley.....	7 00@50 00
Ophelia.....	4 00@15 00
Mrs. Chas. Russell.....	4 00@12 00
Hoosier Beauty.....	4 00@15 00
Cattleya Orchids, special.....	40 00
inferior grades.....	20 00@25 00
Oncidiums.....	per flower, 6c
Cypripedium.....	per doz., \$1.50@2.00
Lilies, Longiflorum and Harrisii.....	8 00@10 00
Lily of the Valley.....	2 00@4 00
Carnations.....	1 00@3 00
Bouvardias.....	2 00@4 00
Adiantum Croweanum and	
Hybridum.....	50@75
Asparagus Plumosus.....	doz. bchs. 2 40@3 00
Smilax.....	doz. strings. 1 00@1 25
Gardenias.....	per doz., 1 00@4 00
Violets, single.....	50@60
double.....	15@25
Sweet Peas, orchid flowered.....	1 50
common.....	25@75
Mignonette.....	per doz., 50c@\$.1.00
Pansies, cut.....	50@1 50
Narcissus, Paper White.....	2 00@3 00
Narcissus, Trumpets, spurs.....	1 50@2 00
Freesias.....	1 50@2 00
Tulips.....	1 25@3 00
Flamingo.....	4 50@5 00
White Lilac.....	per bunch, \$0.75@1.25
Snapdragons.....	per doz., 1.25@1.50

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
 { 4423

PERCY W. RICHTERS, Manager.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly

Charles Schenck

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.**WM. KESSLER**

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.**The Kervan Company**

FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Farragut 2164-5893

119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers

A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS

Wholesale Florist

106 W. 28th St., NEW YORK

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

NEW YORK CITY

Telephone:
3864 Farragut.**Riedel & Meyer, Inc.**

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Roses Francis Scott Key, Sunburst,
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osus Nanus, Smilax, Paper White Nar-
cissus, Tulips and Golden Purs.

34 Years Experience in the Florist Business.

Consignments Solicited.

Walter F. Sheridan

Wholesale Florist

Telephone Call:
3532-3533 Farragut 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phones: 558, 2036, 2037 Farragut.

20 Years' Experience.

D. C. ARNOLD & CO., Inc.

Wholesale Florists

112 W. 28th St., NEW YORK

Telephone 2287 Farragut

CONSIGNMENTS SOLICITED.

Mention the American Florist when writing

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Farragut.

CONSIGNMENTS SOLICITED

Mention the American Florist when writing





INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.25	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Charles F. Lawrence, the retailer of 344 Columbus avenue, was chairman of the executive committee for the annual masquerade ball of the St. George's Club of this city, which was held at the Amsterdam opera house on the night of February 17. His brother, George R. J. Lawrence, who is a designer with J. H. Small & Sons, was chairman of the reception committee. There was, previous to the dance, a drill by the Highland Guard of New York, Company A, New Jersey Scottish Highlanders and the New York Scottish Highlanders. There was also an address by a popular clergyman, and popular songs. The gross proceeds went to the Prince of Wales relief fund.

President M. A. Bowe, of the Associated Retail Florists, is taking an active interest in securing a large delegation for the national show at Philadelphia on "New York day," March 28.

A. F. F.

Los Angeles.

MARKET CONDITIONS MUCH IMPROVED.

The market is again well stocked and the local trade is well satisfied with business conditions. Roses are getting into shape and the stock in this line is filling up again. Carnations and violets are of good quality and are in good supply. Sweet peas are also to be had in liberal quantity. Bulbous offerings include narcissi, jonquils, anemones, freesias, hyacinths and tulips.

NOTES.

The Redondo Floral Co. reports a very good trade following removal to its new location. A heavy demand for funeral work has kept the force at this establishment busy.

The Germain Seed & Plant Co. is doing a big business in landscape work. Business in other departments is better than it has been for several years.

From all indications St. Valentine's day business was good and all novelties for the occasion cleaned up well.

Wright's Flower Store is well supplied with seasonable stock and the force is kept busy.

The Broadway Florists report a very satisfactory business.

G. H. H.

CHARLESTON, WEST VA.—Mrs. J. W. Alexander reports an excellent St. Valentine's day business.

Toronto.

TRADE GENERALLY SATISFACTORY.

Business has been fairly good with stock scarce, but the weather has moderated in the last few days, with the result that the supply has increased and the volume of business has decreased. Roses, which have been off crop since the first of the year, are again in good condition. Hoosier Beauty has proven itself the best of the reds in this locality and the better flowers command good prices. That foremost variety, Ophelia, has placed itself in the front rank and is the best seller of the day. Double Killarney Brilliant, Sunburst, Hadley and Shawyer are all in good shape and fine, long stemmed stock can be had. Carnations are again plentiful and prices have dropped two to three cents. Daffodils and tulips are also plentiful. Violets are a drug. Snapdragons, freesias, sweet peas, myosotis and mignonette are all in good condition. St. Valentine's day sales again proved good, the business being in excess of last year's in volume, the demand being largely for violets and corsages. It was at first thought that inasmuch as at least 40,000 young men have gone to the front from this city, that the sales for the occasion would not be up to previous years, but the trade was agreeably surprised.

NOTES.

A large number of the bulbs that arrived on the S. S. Ryndam last fall have failed to bloom. On cutting the bulbs open it has been found that the flower has been killed in the bulb, evidently from over-heating. One firm alone lost over 150,000 bulbs.

It is reported that one of the local growers cut only 60 per cent in January compared with his cut of a year ago, but his returns for the month were 75 per cent higher. No wonder the storemen are complaining about prices.

M. O'Field & Son are sending in fine roses and carnations from their range at Grimsby. This firm started in business in the spring of 1915 with 650,000 feet of glass and their success has been phenomenal.

R. Jennings, of Brampton, is shipping fine cuts of carnations and violets to this market. An average crop of excellent stock can always be depended upon at his establishment.

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter
Mother's Day

Spring Planting
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss.....3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

Mention the American Florist when writing

Chas. Scrim, of Ottawa, who was a recent visitor, was very jubilant over the business that was being done in that city.

H. G. D.

NEW BEDFORD, MASS.—Ernest Chamberlin has opened a new flower shop here.

COEUR D'ALENE, IDAHO.—The offices of Adolph Donart were destroyed by fire February 1.

BAYSIDE, N. Y.—A faulty chimney at the Butler Greenhouses recently caused a loss of \$500 and six months' labor.

SAN FRANCISCO, CALIF.—The MacRorie-McLaren Co. has purchased the business of the Fairmont Floral Co. at 141 Powell street.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.
NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL.
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street

To out-of-town florists: **NEW YORK**
We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OR

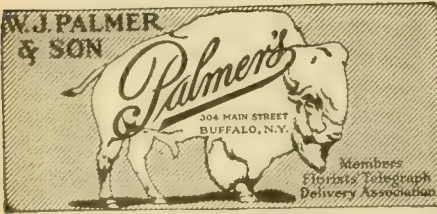
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L. Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Freidman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington, D. C.
- Hardesty & Co., Cincinnati, O.
- Hart, Henry, Inc., New York.
- Heini & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- Kottmiller, New York.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Mullanphy Florists, St. Louis, Mo.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ogden Floral Co., Chicago.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Sons, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Philips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldochl, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Westery, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chicago.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Feters, Cleveland, O.
- Smith & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stump, G. E. M., New York.
- Trenel, Joseph, Brooklyn, N. Y.
- Walker Co., The F., Louisville, Ky.
- Weber, F. H., St. Louis, Mo.
- Whitted Floral Co., Minneapolis, Minn.
- Wittbold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park
J. A. VALENTINE, President
Floral Co.

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

CHICAGO.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone.

14th and H. Street.

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch " 1808

426 Madison Ave.

And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Fraunfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Ell Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerer.
New London, Conn.—Reuter's.
New Orleans, La.—Metallic Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Helml & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. E. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave., and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.
N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller The Florist
222-2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman
(Successor to Geo. A. Hehl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross
Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

St. Louis, Mo.

Grimm & Gorly
WIRE

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing



CHICAGO
Mangel
The Palmer House Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Sedalia, Missouri
Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN

Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store
631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Dreer's Famous American Asters



DREER'S SUPERB LATE BRANCHING ASTERS

The finest Asters for late August and September blooming.

The plants form strong, branching bushes 2 to 2½ feet high bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors, viz.:

	Trade pkt.	Per oz.
Azure Blue. A rich, deep lavender.....	\$0.25	\$1.00
Pure White. Extra fine stock.....	.25	1.00
Shell Pink. An exquisite shade.....	.25	1.00
Rose Pink. A very desirable color.....	.25	1.00
Deep Rose. Rich and brilliant.....	.25	1.00
Deep Purple. Royal deep purple.....	.25	1.00
Lavender. A pale grayish-lavender.....	.25	1.00
Crimson. Very rich.....	.25	1.00
Finest Mixed. All the colors.....	.25	.75

The above is but one of our many fine varieties, for complete list and prices see our General Wholesale Price List.
Copies free to Florists on request.

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED CHICAGO: Francis C. Stokes, of the Stokes Seed Farms Co., Inc., Philadelphia, Pa.

FLOODS are said to be serious in the Holland districts devoted to the culture of biennial seed crops.

BOSTON, MASS.—Fottler, Fiske, Rawson Co. reports business very satisfactory thus far this season.

CHICAGO.—Prices for grass seed on the Board of Trade, February 23, were as follows: Timothy, \$6 to \$8 per 100 pounds.

THE eastern mail trade continues good and that of the west, which has been backward, shows some improvement this week.

WARDWELL beans probably made a record price in the parcel sold by Vaughan's Seed Store during the recent canners' convention at Louisville, Ky., at \$20 per bushel.

MINNEAPOLIS, MINN.—Northrup, King & Co. report that while January usually is not a very heavy month with them in the mail order business, still this year's trade compares favorably with last year.

CATALOGUE makers will be interested in learning that the price of paper has advanced very materially, said to be due to the use of wood pulp, from which much paper is made, in the manufacture of gun powder.

FULLY 25 per cent of beet sugar factories of United States will be forced to reduce output from 10 per cent to 25 per cent unless means can be discovered to supply deficit of necessary seed. Only half enough seed is said to be in sight.

THE Bureau of Foreign and Domestic Commerce has issued an exhaustive report ("Commerce Reports" No. 42) on "Foreign Bean Production and Trade," covering Algeria, Canada, Denmark, Egypt, France, Great Britain, Italy, Hungary, Japan, Manchuria, Netherlands, Roumania and Sweden.

WE ARE in receipt of an unconfirmed report to the effect that Holland salesmen or travelers will not be permitted to visit the British Islands this season. The only plausible excuse for this action seems to be that these travelers also visit Germany and other countries and may carry information from one warring nation to the other.

Onion Sets.

The onion sets in Chicago warehouses are beginning to move now to points all through sections south of Springfield, Ill. It takes a lot of hand-picking to put the stocks in merchantable shape. Nearly all the warehousemen are in the same boat and samples sent out to contract carload buyers for approval look none too well, but those who propose to fill orders for sets this year will have to take the run of the crop or go without.

Wisconsin Seed Pea Contract

The _____ Seed Company, of _____, seller, in consideration of the covenants hereinafter mentioned, agrees to furnish and plant or cause to be planted for

the _____ Canning Company of _____ Wisconsin, buyer, seeds sufficient of each variety hereinafter mentioned, based upon seller's average fold for the last five years, seller's seed being reserved, and to deliver to the buyer all the stock set opposite each item at such prices and on such terms and in such quantities as are hereinafter set forth. Seller agrees to plant in the aggregate sufficient seed on same basis of yield to cover all of its contracts.

In the event, however, of the crop producing less than the above estimated yield, seller will be bound only, after reservation of its seed, to deliver the balance of the crop pro rata under its contracts. Any loss of a portion of the crop by fire or otherwise while in store and in transit will excuse the seller from the delivery to the extent thereof.

The seller further agrees to use due care in the selection, growing, rouging and handling of the seed stock and crops and to thoroughly screen and hand pick all crops unless otherwise specified.

The product is to be delivered after harvest at the time specified below in good, sound, merchantable condition suitable for seed purposes, and to comply with provisions of the seed laws of the State of Wisconsin.

The seller agrees to keep the peas in the various fields separate, as far as possible, and to deliver them without blending and to designate the various lots by properly marked tags on each bag when making delivery.

The seller warrants that the seed to be delivered herewith

- (a) Will be grown in the state of _____
- (b) Will show a germination test of not less than _____ % at the time of delivery.
- (c) Shall be screened over sieves having a mesh not smaller than _____ sixty-fourths inch.
- (d) Shall not have to exceed _____ % by weight of impurities or foreign matter therein.

Wrinkled Peas shall weigh 56 lbs. to the bushel; other Peas 60 lbs. unless otherwise specified.

SHIPMENT

TERMS: Sixty days net or one and one-half per cent discount for cash within ten days from date of shipment, and if buyer's financial condition is unsatisfactory to seller, payment less the cash discount may be required before shipment.

In witness whereof, the parties hereto have hereunto set their hands and seals this _____

day of _____ A. D., 191_____

Accepted by _____

[SEAL]

[SEAL]

WISCONSIN CANNERS' SEED PEA CONTRACT.

Non-Warranty and Wisconsin Seed Law.

The Wisconsin Canners' Association having succeeded in passing through the legislature of that state an amendment to the seed law favorable to their interests are now circulating forms on which they propose to have written all the contracts for seed peas which are to be grown for them. The Canners' further propose to eliminate from these the well known disclaimer of the American Seed Trade Association. Up to this time responsible and reputable houses have declined to book any contract growing business except under this non-warranty provision, and it was not thought that any house would waive that well established protection. This week it has come to the attention of THE FLORIST that one Wisconsin firm of growers, long members of the American Seed Trade Association, is about to repudiate the disclaimer and that one or more minor

concerns, with everything to gain and nothing to lose, have also made a bid for the canners' business, on any terms.

It would be a matter of great regret and injury to the entire seed trade of the United States if precedents like this should be established, counteracting well done work for the disclaimer which has practically fixed it as the custom-made seed law of the land.

We reproduce the essential parts of the canners' contract form herewith, omitting only the spaces reserved for varieties and quantities.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

Opening Sale for the Spring Season on Tuesday, March 7th, at 11 o'clock, A. M.

Sales will be continued each Tuesday and Friday until the end of June.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Offer to Sell Not Binding Contract.

The Supreme Court of Nebraska, in the case of the Nebraska Seed Co. vs. Harsh, has decided that a letter sent by a company to another party, offering to dispose of a certain amount of goods on hand at a certain price, must be regarded merely as an invitation for a purchase and is not a binding contract of sale. A lower court had ruled that there was a valid offer and acceptance thereof, but on appeal the superior court decided that it must only be treated as a circular letter. In the case in question the defendant refused to make delivery after having written the plaintiff a letter in which he offered 1,800 bushels of millet seed, or thereabouts, for which he asked \$2.25 per 100 pounds.

Imports at New York.

During the week ending February 12 imports were received as follows:
From Bordeaux, France.
McHutchison & Co., 265 cases plants.
To order and others, 103 cases plants.
From London, Eng.
A. T. Boddington & Co., 1 bag, 2 cases seeds.
Stump & Walter Co., 1 case seeds.
J. M. Thorburn & Co., 7 packages seed.
From Genoa, Italy.
Jacot & Mullen, 200 bags seed.
To order and others, 350 packages seed.
From Havre, France, 29 cases plants.
From Christiania, Norway.
Nungesser, Dickinson Seed Co., 10 bags seed.
To order and others, 461 bags and 31 packages seed, 214 cases lily of the valley pips.
From Glasgow, Scotland.
Wm. Elliott & Sons, 15 bbls. seed.
J. M. Thorburn & Co., 13 bbls. seed.
McHutchison & Co., 13 cases trees.
From London, Eng.
Vaughan's Seed Store, 35 bags fertilizer.
Agricultural and horticultural imports entered for consumption at this port during the week ending February 5 were: Implements, \$1,795; sulphate of potash, 3 tons, \$268; other fertilizers, \$1,282; red clover seed, \$211,490; other grass seeds, \$1,898; all other seeds, \$62,950; potatoes, 7,205 bushels, \$14,015; wheat, 16,000 bu., \$16,120; bulbs, \$24,443; other plants, \$5,222; vegetables in natural state, \$21,447.

During the week ending February 19, imports were received at New York as follows:
From Rotterdam, Holland:
H. F. Darrow Co., 3 bags seed.
Stump & Walter Co., 38 cases bulbs.
McHutchison & Co., 89 cases trees, etc.
MacNiff Hort. Co., 1 case trees.
P. Ouverkirk, 219 cases trees, etc.
Peter Henderson & Co., 1 case bulbs.
To order and others, 659 cases and packages of trees, roots, etc., 119 cases bulbs, 36 cases lily of the valley pips, 133 bags, 79 packages and 14 barrels seed, 1,224 bags sugar beet seed.
From London, Eng.:
S. D. Woodruff & Sons, 68 bags seed.
To order and others, 33 bbls. beet seed, 11 bags other seed.
From Bordeaux, France:
Whitney, Eckstein Seed Co., 800 bbls. seed.
To order and others, 588 bbls., 1790 packages, 1085 bags seed.
From Leith, Scotland:
A. T. Boddington & Co., 40 bags fertilizer, 40 bags soot.
Stump & Walter Co., 371 bags soot.
W. E. Marshall Co., 30 bags fertilizer.
To others, 22 barrels grass seed.
From Havre, France:
A. Rolker & Sons, 26 cases plants.
Vaughan's Seed Store, 31 packages seeds.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snappdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia, Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Field Seed Corn

We Grow for the Wholesale Trade.

We grow all the leading best varieties: planted from pure stock, carefully selected, hand picked; butt and tip ends taken off by hand; also milled, screened and graded: highest quality and grade. Write for samples and prices, with list of your requirements, in car lots or less.

Robinson's Code, Address

RATEKIN'S SEED HOUSE, Shenandoah, Iowa.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

H. F. Darrow Co., 5 cases plants, 385 packages seeds.

To order and others, 203 bags, 305 packages and 5203 bbls. seed, etc., 74 cases plants.

From Marseilles, France:

Vaughan's Seed Store, 17 bags seed.

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK

and Orange, Conn.

Mention the American Florist when writing

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

RED FLOWERING GREEN FOLIAGE

	Per 100	Case of 250	1000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
Duke of Marlboro, 4½ ft. glowing crimson..	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Pennsylvania, 5½ ft. deep orange scarlet..	1.50	3.50	14.00
Beaute Poitevine, 3½ ft. dark crimson....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety ma- roon.....	2.75	6.25	25.00
Dr. Robert Funke, 4½ ft. scarlet.....	5.25	12.50	50.00
Fuerst Bismarck, 4 ft. rich scarlet crimson..	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scarlet, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scar- let.....	2.25	5.00	20.00
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Pres. Cleveland, 3 ft. bright orange scarlet..	2.00	4.38	17.50
Pres. McKinley, 2½ to 3 ft. brilliant crimson	2.00	4.38	17.50
Pres. Meyer, 4 ft. cherry carmine.....	2.00	4.38	17.50
Pillar of Fire, 6 ft. to 7 ft. high, bright crimson scarlet.....	2.00	4.38	17.50

YELLOW CANNAS

	Per 100	Case of 250	1000
Kanzleiter, 3½ ft. pure light yellow.....	\$1.50	\$3.50	\$14.00
R. Wallace, 4½ ft. canary yellow, free.			
Better than Florence Vaughan.....	1.50	3.50	14.00
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00

RED GOLD-EDGE VARIETIES

Allemania, 4 to 5 ft., green foliage, scar- let and yellow.....	\$1.35	\$3.00	\$12.00
General Merkel, 4 ft. the best scarlet gold edge sort. Superior to Mad. Crozy or Queen Charlotte.....	1.65	3.75	15.00
Gladiflora, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge..	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow.....	1.50	3.50	14.00

PINK FLOWERING CANNAS

Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large.....	12.00	27.50	110.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

Note Change of Address: 128 CHAMBERS STREET, NEW YORK

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS
3032 Madison Street, CHICAGO

To Seedsmen and Seed Dealers

A PROFITABLE PROPOSITION

If you have not our new (1916) CATALOGUES you should write at once for the prices of our world-renowned high-class

GARDEN AND FARM SEEDS

which are in the majority of cases raised and selected on our own FARMS at or near Langport, England.

KELWAYS' SEEDS AT KELWAYS' PRICES are a class in themselves. Catalogues or Forward Price Lists Sent Free to Genuine Seed Dealers on Application.

**KELWAY & SON, Wholesale Seed Growers,
LANGPORT, ENGLAND.**

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Always mention The American Florist
when writing. : : :

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc

Moorestown, New Jersey



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest awards Chicago. Paris. London. Bruxelles. Berl.. Hamb.. Rome.

1000 seeds, finest mixed...25c
1 oz. ..\$2.25

Price list on application.

Cash with order

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

Mention the American Florist when writing

Spring Bulbs

A Most
Complete
General
Line

at both
Chicago
and

New York

For Seedsmen
For Florists

Vaughan's
Seed Store

CHICAGO

NEW YORK

GLADIOLUS

Grown in the U. S. by Vaughan's Seed Store

Per 100 Per 1000

AMERICA, Extra, 2 1/4 to 3-in.,
thick heavy bulbs..... \$15 00

AUGUSTA, Extra, big ones like above 15.00

America, 1st size..... \$1.25 10.00

Augusta, 1st size..... 1.25 10.00

Chicago White, 1st size..... 3.00 25.00

Mrs. Francis King, 1st size..... 1.25 10.00

Halley, 1st size..... 2.00 18.00

Princeps, 1st size..... 2.50 22.00

Mrs. Frank Pendleton, 1st size 9.00 85.00

Niagara, 1st size..... 4.50 40.00

Panama 1st size..... 4.00 35.00

Primulinus Sunbeam, 1st size 18.00

Baron J. Hulot (Dutch Grown) 2.50 20.00

Chicago Salmon, 1st size..... 4.50 40.00

Velvet King, 1st size..... 3.00 25.00

Hyde Park, 1st size..... 5.00 45.00

Vaughan's XXX Florist Mixture

1st size..... 1.75 15.00

Extra Fine Mixed, 1st size..... 2.00 18.00

Good Mixed, 1st size..... 1.00 8.50

And all Other Leaders

CANNAS--Dormant Roots

Subject to Change March 1.

Per 1000

Allemania..... \$25.00

Burbank..... 25.00

Buttercup..... 40.00

David Harum..... 22.50

Egandale..... 22.50

Florence Vaughan..... 20.00

Hungaria..... 35.00

KING HUMBERT..... 30.00

Louisiana..... 22.00

Mad. Crozy..... 22.50

Mrs. A. F. Conard..... 35.00

Queen Charlotte..... 25.00

Souv. d Antoine Crozy..... 25.00

Wm. Saunders..... 50.00

Venus..... 30.00

FIREBIRD, best scarlet, green leaved,

grand companion to King Humbert,

per 100, \$20.00; 180.00

CALADIUM Esculentum

Per 100 Per 1000

5- 7 inches..... \$ 1.75 \$ 15.00

7- 9 inches..... 3.50 30.00

9-11 inches..... 6.00 55.00

11-12 inches..... 9.50 85.00

12 inches and up..... 14.00 125.00

CALADIUM, Fancy Leaved, choice named,

very fine, 25 for \$3.50.

TUBEROUS BEGONIAS

Grown from the finest large flowering
strains. Quality inspected by our Mr.
J. C. Vaughan in Belgium.

Single sorts, white, scarlet, Doz. 100 1000

yellow, pink, orange,

salmon..... 50c \$3.00 \$25.00

Single Mixed..... 40c 2.60 23.00

Double sorts, white, scarlet,

yellow, pink, orange,

salmon..... 60c 4.00 35.00

Double Mixed..... 50c 3.50 30.00

TUBEROSES True Dwarf Pearl

Carload lots of bulbs are in warehouse,
frost free, and ready for shipping. Per 1000

First size, 4-6 inches..... \$9.00

Medium size, 3-4 inches..... 5.00

GLOXINIAS Crassifolia Grandiflora

All the spotted and Tigered variations in
sound bulbs. Per 100 Per 1000

Separate colors..... \$5.00 \$40.00

Mixed colors..... 4.00 35.00

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

CHOW CHU CHI, the Chinese minister
of agriculture, sounds like a pickle
grower.

PITTSFIELD, MASS.—Lowden Bros.
are building a lettuce house 35x
300 feet at their establishment on
Pomeroy avenue.

BETTENDORF, IA.—A new house, 76x
200 feet, to be devoted to cucumbers,
will be added to the range of the
J. W. Davis Co. in the near future

Prices of Indoor Fruits and Vegetables.

Chicago, February 21.—Mushrooms,
home grown, No. 1, 25 to 30 cents per
carton; lettuce, cases, 22½ cents; rad-
ishes, 25 cents to 60 cents per dozen
bunches; celery, 10 to 25 cents per
bunch; tomatoes, six baskets, \$2.00 to
\$3.25; cucumbers, flat box, \$1.50 to
\$2.60.

New York, February 21.—Celery, per
bunch of 12 stalks, 15 to 50 cents; cu-
cumbers, \$1.50 to \$2.00 per drum;
mushrooms, \$1.25 to \$1.60 per 4-pound
basket; tomatoes, 10 cents to 25 cents
per pound; radishes, per 100 bunches,
\$2.00 to \$4.00; lettuce, per dozen, 15
cents to 60 cents. Rhubarb, per dozen
bunches, 20 to 50 cents.

Replanting Lettuce Beds.

At this time of the year, when it is
generally risky to water mature let-
tuce, the beds are often subjected to a
severe drying out by the time the crop
is removed. We have seen growers
cut and replant a house the same day,
setting the young plants into dust dry
soil. They claim the moisture can be
replaced while the plants are re-root-
ing; while this is no doubt correct in
regards the moisture, it is not good for
the plants. They are subjected to too
long continued exposure to water;
sometimes to too much beating and
washing if a hose is used and worse
than all these, insufficient moisture un-
derneath. The proper way is to replace
the moisture before planting and give
the beds a few days' time to dry off.
We have run the water into the trench
while spading up the beds, or soaked
the beds after spading, leaving the
ground as rough as possible. The ob-
ject is to get the water into the sub-
soil, enough to grow the next crop, and
get the surface layer of soil into a nice,
pliable condition. If the weather is
dark we often water each plant at the
root after setting and as soon as we
can, cultivate the beds. Then no more
water is used, if possible, until the crop
is again removed. If conditions are
right, this method is a big success, as
there is no greater danger in winter
than frequent watering. This same
method is used upon seedlings and
plants in the plant beds, as soon as
these are established, water is withheld
entirely and the houses kept cool and
dry. Thus mildew and rot are avoided
for there is no better remedy than pre-
vention.

MARKETMAN.

Cabbage Crop in Important States.

The tabulation below gives estimates
of the percentage of domestic and
Danish and Holland cabbage grown;
of each class shipped out of the
county; sold to kraut manufacturers;
and of the crop produced that was
harvested, and the total number of
acres the product of which was sold
to kraut manufacturers in the states
of New York, Ohio, Indiana, Illinois,
Michigan, Wisconsin, Minnesota, Iowa,
and Colorado (market-garden crop not
included).

State.	Varieties grown.		Shipped out of county.	
	Do- mestic.	Hol- land and Danish.	Do- mestic.	Hol- land and Danish.
	Per ct.	Per ct.	Per ct.	Per ct.
New York	28.5	71.5	28.9	61.8
Ohio	65.5	34.5	13.0	10.0
Indiana	46.9	53.1	5.0	7.5
Illinois	35.5	64.5	22.0	25.0
Michigan	46.6	53.4	13.5	26.5
Wisconsin	18.9	81.1	26.3	49.3
Minnesota	14.3	85.7	14.3	38.2
Iowa	39.6	60.4	12.9	7.0
Colorado	34.6	65.4	38.1	30.3

State.	Sold to kraut factories.		Per cent of acreage grown harvested.	
	Do- mestic.	Hol- land and Danish.	Per ct.	Per ct.
	Per ct.	Per ct.	Per ct.	Per ct.
New York	22.7	4.9	87	5,068
Ohio	29.6	11.7	74	2,013
Indiana	72.5	56.2	73	2,785
Illinois	36.0	37.1	91	1,016
Michigan	31.4	12.2	86	1,639
Wisconsin	38.6	1.8	80	1,547
Minnesota	46.4	12.4	79	472
Iowa	18.0	27.5	78	758
Colorado	4.4	9.6	76	469

State.	Leading Varieties Grown.			
	Danish Ball- head.	Hol- land.	Dutch Flat.	All- sea- sons.
	Per ct.	Per ct.	Per ct.	Per ct.
New York	68.3	...	2.6	3.4
Ohio	13.4	4.5	10.2	30.5
Indiana	7.9	10.5	32.6	23.7
Illinois	27.3	4.1	4.1	38.9
Michigan	31.8	8.3	8.2	9.4
Wisconsin	28.6	52.5	...	8.1
Minnesota	28.2	53.6	...	...
Iowa	3.2	23.6	...	...
Colorado	12.5	32.8	12.5	...

State.	Domestic			
	Copen- hagen Market.	All- head. bulzen.	Glory Jersey	Wake- field.
	Per ct.	Per ct.	Per ct.	Per ct.
New York	...	6.7	...	...
Ohio	9.8	...	...	...
Indiana	...	...	...	...
Illinois	7.5	...	...	18.1
Michigan	...	...	...	...
Wisconsin	...	...	...	...
Minnesota	3.2	...	...	...
Iowa	12.5	...	...	11.4
Colorado	10.5	...	20.2	...



Watch for our Trade Mark stamped
on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
postpaid by manufacturers upon re-
ceipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn.

Massachusetts Agricultural College.

The department of floriculture an-
nounces the following program for
Farmers' week:

TUESDAY AFTERNOON, MARCH 14.

1:30—Selection and Care of House
Plants, F. E. Palmer, Brookline.

2:30—Fashions in Plants, Prof. F.
A. Waugh, M. A. C.

3:30—Plant Propagation. H. E.
Downer, Northampton.

WEDNESDAY, MARCH 15.

9:10—The Culture of Herbaceous
Perennials, Maurice Fuld, New York.

9:10—Minor Crops of the Florist,
G. H. Sinclair, Holyoke.

11:10—Diseases of Floricultural
Plants, Dr. P. J. Anderson, M. A. C.

1:30—Roses at Home and Abroad,
Robert Pyle, West Grove, Pa.

2:30—The same.

3:30—Question box, Prof. A. H.

Nehrling, M. A. C.

In connection with the above pro-
gram an educational exhibit will be
held in French hall, and an exhibition
of spring-flowering plants in the
greenhouses.

A. S. T.

KENNEBUNK, ME.—Paul I. Andrews
is building a range of houses on Storer
street.

"Market Gardening"

An elementary text book containing 102 pages
5x7, with 36 illustrations by F. L. Yeaw, manager
of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Plant Beebe's Early Prolific Tomato

For the early market.

It is the earliest and most prolific
of all tomatoes. Is of medium size,
flesh very solid with small seed
cavities. Color bright red, skin
tough, making it an excellent ship-
per. Continues bearing from early
in June until cut by frost.

Pkt., 20c; oz., 75c; ¼ lb., \$2.00.

Write for Catalogue.

English or German.

German Nurseries and
Seed House

BEATRICE, - - - NEB.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

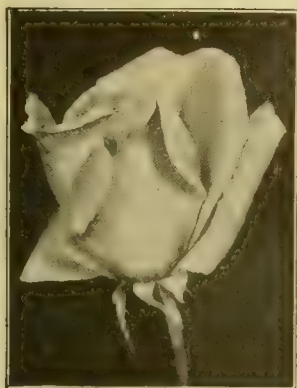
GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations
Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious
Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT FANSIES (mixed), the most perfect and
most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid
Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and
are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.



YOU NEED THE BIG MONEY MAKER OF 1916.

Champ Weiland

Exquisite Pink in color—Remarkable in size, beauty and foliage.

Orders filled
strictly in the
Order as booked.

Strong Grafted Plants Ready in March and April

100 plants for . . . \$35.00 500 plants for . . . \$150.00
250 plants for . . . 82.50 1000 plants for . . . 300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery February.

Tampa Floral Co., Tampa, Fla.

ANTON FIEBE, Prop.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdate
Farm.

Bristol, Pa.

Mention the American Florist when writing

BEGONIAS--Strong 2½-inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.	\$15.00	\$120.00
Lorraine, 2½-in.	12.00	100.00
Chatelaine, 2½-in.	5.00	40.00
" 3 -in.	8.00	75.00
Vernon, 2½ and 3-in.	4.00	

Primroses.

Obconica in bloom, 3-in.	\$ 6.00
" " 4-in.	9.00
" " 5-in.	15.00
Malacoides, 3-in.	6.00

Geraniums.

Nutt, Pressly, Gen. Grant, strong
2½-in., \$25.00 per 1000. Wilmette,
largest and best Pink Geranium,
\$50.00 per 1000.

Ice Plant.

Best for Hanging Baskets. Fine Stock.
2½-in. \$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Coleus—Six best Varieties.

2½-in. \$25.00 per 1000

Curly Queen, best for baskets.

2½-in. \$25.00 per 1000

Marguerites.

2½-in. \$25.00 per 1000

Fuchsias.

Three varieties, 2½-in., \$25 per 1000

Salvias.

2½-in. \$25.00 per 1000

CANNAS

Strong 2 and 3 eye divisions freshly divided from clumps same day
shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier	Indiana
Black Prince	Italia
Egandale	Julius Kock
Eldorado, large flowered,	King Humbert, \$3.00 per 100;
yellow.	\$25.00 per 1000.
Feuermeer	Koros, \$6.00 per 100.
Garam, \$4.00 per 100.	Louisiana, \$4.00 per 100.
Hungaria, \$3.00 per 100.	Mephisto

Mrs. Geo. A. Strohlein
Mrs. Karl Kelsey
Mrs. Kate Deemer, \$4.00
per 100.
New Chicago
Prince Wied
Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Baltimore, Md.
Pedigree Tomato Seeds

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3 in. 1000
Heliotrope, Mme. Bruant	\$2.00	\$18.00	\$3.00	\$25.00
and Chifton	2.00	18.00	3.00	25.00
Lantanas, 6 varieties	2.00	18.00	3.00	25.00
Lemon Verbenas	2.00	18.00	3.00	25.00
Moonvine, white and blue	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argenteus, Dus-	2.00	18.00	3.00	25.00
ty Miller	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Geraniums, Standard var.	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum, Heliotrope. Rooted				
cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100				
and up Send for list.				
Canna Roots, \$2.00 per 100 and up.				

Cash with Order.

R. Vincent Jr. & Sons Co.

White Marsh, Md.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

VISITED CHICAGO: Peter Bohlender, of Peter Bohlender & Sons, Tippecanoe City, O.

PIGGOTT, ARK.—H. H. Ballard, T. L. Davis and E. H. Ballard have incorporated the Piggott Nurseries.

DES MOINES, IA.—J. W. Hill, of the Des Moines Nursery Co., is being urged to enter the mayoralty race in this city.

REDLANDS, CALIF.—G. B. Southard has disposed of his nursery business and will engage in the manufacture of paper pots.

SACRAMENTO, CALIF.—A. W. Sander-son has purchased a five acre tract on Arcade avenue and will engage in the nursery business.

ALBANY, N. Y.—The conservation commission has offered to distribute to landowners in the state 10,000,000 forest tree seedlings at cost. The number is sufficient to reforest 10,000 acres of land. The commission is anxious to encourage the reforestation of the state in several sections where it is believed the work will increase the value of farms. The prices announced are: \$1.50 a thousand for two year old seedlings and \$4.50 a thousand for four year old transplants. One thousand trees will reforest an acre of land at a cost, including labor, of \$10.

Connecticut Nurserymen's Association.

The tenth annual meeting of the Connecticut Nurserymen's Association was held at Hotel Garde, Hartford, February 18, 1916. Meeting called to order with President W. E. Campbell in the chair. After the president's address of welcome had been responded to, minutes of the last meeting were read and approved. The report of the treasurer showing the financial condition of the association to be in first class shape was rendered, his books audited, and report accepted. The report of the standing committees showed that nothing had occurred during the year to cause them any great annoyance, or much work. No new business being brought before the association, we opened under the applications for membership. F. B. Kelly of Manchester was proposed, ballot being spread, he was elected to membership. Under election of officers, W. E. Campbell, of Elm City Nursery Co., New Haven, was re-elected president; F. S. Baker, of New Haven, was elected vice-president; F. L. Thomas, general manager of the Pequod Nursery Co., Meriden, was re-elected secretary; W. W. Hunt of Blue Hills Nursery, Hartford, re-elected treasurer. Adjourned for dinner. Meeting again called to order at 2:15 p. m., when the following program of entertainment and instruction was carried out:

Address by W. W. McCartney, "Standardization of Nursery Stock"; address by Prof. Ralph C. Hawley,

"Results of Our Appearance Before the Federal Board in Washington, D. C."; address by J. R. Barnes, "Possibilities of Machinery for Reducing Cost of Labor in the Nursery Business"; address by Dr. Geo. P. Clinton, "Heteroecious Rusts Found in Connecticut Nurseries"; address by Stephen Hoyt, "Is the Motor Truck Practical for Our Business?"; address by Dr. W. E. Britton, "The Problem of Inspection Quarantine."

We were disappointed in that two of our expected guests and speakers were unable to be present, viz.: Alex. Cummings, Jr., Cromwell, who was to speak on "Commercial Handling of Roses," and W. B. Hatch, who was to speak on "Suggestions from an Experienced Landscape Gardener." All speakers were applauded, and answered many questions relative to their subjects in hand.

The president made the following appointments of standing committees for year 1916: Legislative—F. E. Coe, New Haven, chairman; Stephen Hoyt, New Canaan; J. R. Barnes, Yalesville. Executive—W. W. McCartney, New Haven, chairman; Gustave Minge, Hartford; F. S. Baker, New Haven. Entertainment—Paul M. Hubbard, Bristol, chairman; Charles Turner, Hartford; E. A. Brassill, Hartford. Meeting adjourned at 4:20 p. m.

F. L. THOMAS, Sec'y.

PAWTUCKET, R. I.—A special committee of the city council has been appointed to act with the state committee in developing a public garden in the rear of the Union Station. The estimated cost of the improvements is \$147,623.

Forest Seedlings, Trees and Ornamental Shrubs—A complete line of Altheas Barberry Calycanthus, Forsythias, Privets, etc. Send for trade list.

FOREST NURSERY AND SEED CO., McMinnville, Tenn.

JAPANESE TEA GARDEN —AND— ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd. CHICAGO.

Tree, Shrub and Palm Seeds

For the Florist and Nursery Trade

Also Seeds of

CALIFORNIA NATIVE PLANTS.

GEORGE H. HOPKINS

Eagle Rock Station, Los Angeles, Calif.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only

Jackson & Perkins Company

NEWARK, NEW YORK

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Painesville, Ohio.

40,000 IBOTA PRIVET

We can furnish bright CLEAN, YOUNG STOCK in all sizes up to 4 to 5 ft. These plants are on ground that must be vacated this Spring. Special prices will be given on application to parties desiring a quantity.

SHRUBS and VINES in large quantities. Creeping and Climbing Roses.

HERBACEOUS plants are one of our specialties.

We have the LARGEST STOCK OF LARGE EVERGREENS in this country.

Send for special list of large Evergreens by the carload only.

If you have not received our wholesale list, write for it.

THE ELIZABETH NURSERY CO., ELIZABETH, N. J.

Cold Storage "GIGS"



Do not let any interested parties tell you, through the press or otherwise, that the supply of Cold Storage Lilium Giganteum of 1915 crop is exhausted.

We have both 7 to 9 and 8 to 10 grade at Chicago and New York, and at moderate prices. Write for prices and samples if desired.

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengeri, 2 inch..... 3.00 per 100; 25.00 per 1000
" " 3 inch.....\$5.00 per 100 (heavy)
Achyranthes Herbsti, dwarf, bright red.....\$4.00 per 100
Boxwood, full list of sizes now on hand.
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.
FERNS. Boston, fine stock, 2¼ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.
Fine Teddy, Jr., 2¼ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots \$10.00 per 100 (very heavy); 5 inch pots, \$35.00 per 100 (very heavy); 6 inch pots, \$60.00 per 100 (very heavy).
Azalea Mollis, mixed colors, 15 to 18 inches high.....at 35c
Heliotrope, 2¼ inch, purple in variety.....\$3.00 per 100
English Ivy, strong, 4 inch.....\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5-in., 75c; 6-in., \$1.00; 7-in., \$1.50 each.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chardard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

ASPARAGUS

Plumosus, 2½-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3½-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000. —CASH—

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

GERANIUMS

Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.
S. A. Nutt and Buchner.....\$2.50 per 1000
Poitevine and Ricard.....\$15.00 per 1000
Buddleia Asiatica.....\$2.50 per 100
Buddleia Magnifica.....\$3.50 per 100
(Rooted cuttings, parcel post.)

Pot plants of either, by express, \$5.00 per 100.
Asparagus Plumosus, good value, \$25.00 per 1000.
ALBERT M. HERR, LANCASTER, PA.

COTTAGE MAID

A Sport of Mrs. C. W. Ward.

Will be disseminated 1916-17.

Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Read This Unsolicited Testimonial.

MR. PETER, FISHER, Ellis, Mass.

Dear Sir:—

LIMA, OHIO, Jan. 19th, 1916.

We thought it might be interesting to you to receive a report of your new carnation "Alice" as grown in this territory.

Alice has made a wonderful showing with us. We are growing some twenty different varieties of carnations. To date we have cut more blooms per plant from "Alice" than any of the other varieties. The blooms come almost 100 per cent perfect.

This carnation has proved all that you claimed for it, and we do not hesitate to say, that we believe this variety to be the very best carnation of its color, being offered the Trade today.

You are to be congratulated on "Alice."

Very truly yours,

ROLF ZETLITZ.

(Landscape Gardener, Wholesale and Retail Florist,
Woodlawn Ave.)

Strong Rooted Cuttings READY NOW, per 100, \$6.00; per 1000, \$50.00

PETER FISHER, Ellis, Mass.

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition.

Rooted cuttings, March delivery, \$12.00 per 100; \$100.00 per 1000. (Feb. delivery all sold.) Have a few hundred from 2 inch pots ready early in March, at \$15.00 per 100.

STANDARD			VARIETIES		
	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Enchantress.....	\$3.00	\$25.00
Alice.....	6.00	50.00	Rosette.....	3.00	25.00
Matchless.....	3.50	30.00	Mrs. C. W. Ward.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00
Yellowstone.....	3.00	25.00	Gloriosa.....	3.00	25.00
White Wonder.....	3.00	25.00			

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO.,

Lafayette, Ind.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PERKIN, ILL.

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

CARNATIONS--Rooted Cuttings

Clean and Well Rooted.

New Reds—1916		
	Per 100	Per 1000
Nebraska	\$12.00	\$100.00
Belle Washburn	12.00	100.00
Aviator	12.00	100.00

Last Year's Novelties

Pink Sensation	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst	6.00	50.00

Standard Kinds		
	Per 100	Per 1000
Beacon	\$3.00	\$25.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Rosette	3.00	25.00
Herald	3.00	25.00
Benora	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Gloriosa	3.00	25.00

3 Fine Specials

Ready now—Strong plants in 2¼ inch pots.

Heliotrope Centefleur—The best dark.

Begonia Chatelaine—Good for pots and bedding.

Petunias—Finest double sorts, propagated from cuttings; Pink, White, Purple and Variegated.

Vaughan's Seed Store

Chicago

New York

Nurseries and Greenhouses at Western Springs, Ill.

Some Excellent Stock.

Liberal Extras for Early Orders.

Size of pots.	100	1000
2¼-in. ABUTILON Savitzii, or 6 varieties assorted	\$2.25	\$20.00
2¼-in. AGERATUMS. White, light and dark blue	2.25	20.00
2 -in. CUPHEAS. Cigar plants	2.25	20.00
3 -in. CYCLAMENS. 8 varieties	6.50	60.00
4 -in. CYCLAMENS. 8 varieties. Fine plants	17.50	
2½-in. BEGONIAS. 8 flowering varieties	5.00	45.00
3½-in. CINERARIAS. Choice mixed	6.50	60.00
5 -in. DRACENA Indivisa	20.00	
6 -in. DRACENA Indivisa	25.00	
2¼-in. FUCHSIAS. Double and single, 12 varieties	2.75	25.00
2¼-in. HELIOTROPE. 3 varieties	2.75	25.00
2¼-in. MARGUERITES. White and yellow	2.50	22.50
Mrs. Sanders	2.50	22.50
4 in. PRIMULA obconicas. In bud and bloom	6.25	60.00
2 -in. DOUBLE PETUNIAS. 15 varieties	3.00	25.00
2¼-in. SALVIA. Bonfire	3.00	25.00
FUNKIA variegata. Roots	5.00	45.00
CANNA BULBS. King Humbert	3.00	25.00
CANNA. Yellow. King Humbert. 3-inch, each. 35c. per doz.		3.50
CANNA BULBS. About 20 varieties	2.00	17.50
50,000 2 and 2¼-in. GERANIUMS. Nutt. Ricard. Poitevine. Montmort. Perkins. Buchner. About 20 varieties	2.25	20.00
2¼-in. IVY GERANIUMS. 8 varieties	3.00	28.00

Correspondence solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	3.00	25.00
Rex Begonias, 3 in. doz. \$1.00; 100. \$8.00		

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Mention the American Florist when writing

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
Rose-Pink Enchantress	2.00	18.00
White Enchantress	2.00	18.00
White Perfection	2.00	18.00
Mrs. Ward	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Washington	2.50	20.00
Beacon	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
White Killarney	4.00	35.00
Richmond	3.00	25.00
Sunburst	5.00	40.00
Millady	4.00	35.00
Ophelia	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

THE NEW ROSE

MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready now.

Waban Rose Conservatories, Natick, Mass.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36	36	\$2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy	5 to 5½ ft., heavy	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy	5½ to 6 ft., heavy	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy	6 to 7 ft., heavy	15.00
12 in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy	7 to 8 ft., heavy	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4	8 to 10.....	\$1.50	\$18.00
3-in. pot.....	5	12	2.00	24.00
4-in. pot.....	5 to 6.....	15	\$0.40	4.80
5-in. pot.....	6 to 7.....	18 .....	.50	6.00
6-in. pot.....	6 to 7.....	24	1.00	12.00
6-in. pot.....	6 to 7.....	26	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Columbus, O.

SUPPLY PLENTIFUL AND TRADE GOOD.

Everything is plentiful and cheap, following the St. Valentine day flurry, which had greater force than in any previous year. The dark weather that had held back cuttings in January has resulted in a glut, now that the delayed flowers have begun to come in. Some growers and dealers lost carnations last week because there was not demand enough to absorb the supply, many selling at 35 cents per dozen. Roses, sweet peas, violets and all other seasonable flowers have fallen in price. However, there is a good volume of business. Local florists say there has never been a time when the demand for social events has been larger. The recent opening of a half-million dollar club house, with over 1,200 members has been a big help, as the novelty of a new place of entertaining, and one of palatial character, has led to numerous balls, receptions and other functions. Funeral work is still heavy. In pot plants the primrose is a reigning favorite. Some of the most beautiful varieties grown are reaching the market here in abundance from special near-by growers. All kinds of bulbs are active, but with no shortage in any source of supply.

NOTES.

The largest and finest refrigerator showcase in town has been installed by the cut-flower department of the Livingston Seed Company. It is 12 feet long, 10 feet high, and three feet deep. The finish is golden oak, with silver-plated mountings. The interior has a plate mirror background. Other new equipment in the way of shelving and

floor cases help to give the store a transformed appearance.

James Underwood, superintendent of Franklin Park, and brother of Underwood Brothers, florists, announces that the park conservatory will have to be closed down owing to lack of funds, the appropriation for the year being reduced by about \$5,000. As this is the principal pleasure ground of the city, some effort may be made to supply the needed money by other means.

At a recent meeting of the Columbus Market Gardeners' Association the following officers were elected: Peter Fornof, president; A. A. Roshon, first vice-president; A. H. Eben, second vice-president; Theodore Alpp, secretary, and Ernest Vick, treasurer.

CORFU, N. Y.—David J. Scott has been elected a director of one of the local banks.

MISS THEO.

The rose pink carnation which is always in crop.
Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

500 Alice at 6c; 500 White Wonder at 8c; 800 White Perfection at 3c;
700 Benora at 3c; 200 Ramsburg's Snapdragons, from 2½ in. pots, at 4c.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



AGERATUMS

AGERATUM CUTTINGS, 75c per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

ACHYRANTHES.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. Extra choice heavy 3-in., \$4.50 per 100; 4-in., \$8. SPRENGERI, 3-in., finest grown, \$4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/2-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2 1/2-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASPIDISTRAS.

ASPIDISTRAS, variegated and green, \$1 to \$1.50 each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

ASTERS.

Asters. Dreer's Superb Late Branching. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

AZALEAS.

Azaleas, Mme. Van der Cruyssen, Simon Mardner, Verveneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS. Per 100
Xmas Red, 2 1/2-in., \$ 6.00
Xmas Red, 3-in., 10.00
Erfordii, 2 1/2-in., 3.00
Erfordii, 3-in., 6.00
Prima Donna, 2 1/2-in., 3.00
Smithii, 2 1/2-in., 3.00
Chatelaine, 2 1/2-in., 3.50
ERNEST ROBER, Wilmette, Ill.

BEGONIAS.

BEGONIAS—Delivery from May 15. Per 100
Lorraine, 2 1/2-in. pots, \$ 12.00
Cincinnati, 2 1/2-in. pots, 15.00
Mrs. J. A. Peterson (new), 2 1/2-in. pots 25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Cincinnati, 2 1/2-in., \$15 per 100; \$120 per 1,000. Lorraine, 2 1/2-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2 1/2-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2 1/2 and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

Begonias, Gloire de Chatelaine, Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Mixed, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Begonia luminosa (red): Erfordii (pink), 2-in., bushy stock, \$2.00 per 100; luminosa (red), transplanted seedlings, fine plants, 75c per 100. Cash.

BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2 1/2-inch. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

RUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Dundee, Illinois.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Asiatica, \$2.50 per 100; Buddleia Magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 9-10, case of 225, \$17; 9-10, case of 160, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Single ever-blooming tuberose. Best for florists, \$1 per 100; \$7 per 1,000. SCOTT FLORAL CO., Navasota, Texas.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

CALADIUMS.

Caladium, Fancy leaved. Vaughan's Seed Store, Chicago and New York.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Burbank, Pennsylvania, F. Vaughan, Mrs. Kelsey, Wyoming, Premier, David Harum, Cleveland, Strong 2 eyes roots, \$1.50 per 100, 25 at 100 rate. Cash. W. H. CULP & CO., Wichita, Kansas.

CANNAS, 25,000 Cinnabar; cinnabar red edged yellow, to close out. Fresh bulbs, 3 to 5 eyes. Long as they last, \$4 per 1,000.

THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas, 1 to 3 eyes, Alemania, \$1 per 100; Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100. Jos. H. Cunningham, Delaware, Ohio.

Cannas, dormant roots. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Canna roots, 2 to 3-eye. For varieties and prices, see advertisement on front cover page. A. Henderson & Co., 211 N. State St., Chicago.

Canna roots, \$2 per 100 up. R. Vincent, Jr. & Sons Co., White Marsh, Md.

CARNATIONS.

ROOTED CARNATION CUTTINGS. 150,000 choice cuttings for February and March shipments. Order now for immediate or later delivery.

	100	1000
Aviator	\$12.00	\$100.00
Nebraska	12.00	100.00
Pink Sensation	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst	6.00	50.00
Champion	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Benora	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Victory	3.00	25.00

250 of any variety at 1000 rate. Cuttings taken from strong, healthy plants grown for cuttings only. Samples of blooms, showing quality of stock, sent upon request. We guarantee cuttings to give satisfaction. Write us for special quotation on large quantities. ROLF ZETTLITZ, LIMA, O.

CARNATION ROOTED CUTTINGS.

Immediate Delivery.

	100	1000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00

25 or more at 100 rate. 250 or more at 1,000 rate. First class guaranteed cuttings. J. D. THOMPSON CARNATION CO., Joliet, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION CUTTINGS—A1 QUALITY.		
Clean healthy stock taken from selected plants.		
	Per 100	Per 1,000
Mrs. C. W. Ward.....	\$2.50	\$18.00
White Enchantress.....	2.00	15.00
Rose Pink Enchantress.....	2.00	14.00
Light Pink Enchantress.....	2.00	12.00
White Perfection.....	2.00	15.00
Afterglow.....	2.00	15.00
Winsor.....	2.00	13.00
Victory.....	2.00	15.00
Bonfire.....	2.00	15.00
Zoe Symonds.....	2.00	14.00

J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS.		
Taken from the best stock sold in the Chicago market. Ready for immediate delivery:		
	100	1,000
Aviator.....	\$12.00	\$100.00
Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
Victory.....	2.00	15.00
Cerise Winsor.....	5.00	40.00
Enchantress Supreme.....	3.00	25.00
Matchless.....	3.00	25.00
White Wonder.....	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.		
	100	1,000
Enchantress.....	\$2.00	\$18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Rosette.....	2.50	20.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	15.00
Champion.....	3.00	25.00
Carnegie.....	2.00	15.00
Victory.....	2.00	18.00

WIETOR BROS.,
162 N. Wabash Ave., Chicago.

ROOTED CARNATION CUTTINGS—A1 STOCK.		
	100	1,000
Enchantress.....	\$2.00	\$17.00
White Enchantress.....	2.00	17.00
White Perfection.....	2.00	17.00
Ward.....	2.00	17.00

A. T. PYFER & CO.,
30 East Randolph Street, Chicago, Ill.

Carnations—Nebraska, Belle Washburn, Aviator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Fine, healthy, rooted carnation cuttings.

	100	1,000
Enchantress.....	\$3.00	\$25.00
White Wonder.....	3.00	25.00

SINNER BROS.,
153 North Wabash Avenue, Chicago.

Carnations. Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2.00 per 100; \$18 per 1,000. Beacon, Washington, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

ROOTED CARNATION CUTTINGS FROM SAND.		
Enchantress.....	\$15.00	per 1,000
Nic. Reding, 6731 Ridge Ave., Chicago.		

Carnations. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ells, Mass.

CHRYSANTHEMUMS.

WHITE		
	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Pochlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Linwood Hall.....	2.00	15.00

YELLOW		
	Per 100	Per 1,000
Chrysolara.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	....
Bonnation.....	2.50	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	....

PINK		
	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	....

CRIMSON		
	Per 100	Per 1,000
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	....

J. D. THOMPSON CARNATION CO.,
Joliet, Illinois.

CHRYSANTHEMUMS. Rooted cuttings, fine stock grown cool and in full light. Mrs. Buckbee, Roman Gold, Dr. Enguehard, Chrysolara, Pink Chieftain, Maud Dean, Golden Gold, Chas. Razer, Patty, Smith's Advance, Maj. Bonnafon, Robert Halliday, Unaka, \$2 per 100, \$18 per 1,000, prepaid. New Early Frost, \$5 per 100, prepaid.

JOSEPH BANCROFT & SON INC.,
Cedar Falls, Iowa.

CHRYSANTHEMUM CUTTINGS—Well rooted:—Unaka, Chrysolara, Chieftain, Lynwood Hall, Salomon Gold, Alice Salomon, Ramapo, Yellow Eaton, Golden Glow, Mistletoe, \$1.25 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum. Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS.
Extra fine 2½-inch stock—Golden Bedder, Fairy Queen and Verschaffelt, \$2.50 per 100. Brillancy, \$3.00 per 100.

GEORGE WITTBOLD CO.,
739 Buckingham Place, Chicago, Ill.

COELUS. Cuttings \$1 per 100; 12 best varieties: Coelus, 2½-in., 10 varieties, \$2.50 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Coelus, 6 best vars., 2½-in., \$25 per 1,000. Curly Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Coelus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

A fine lot of 3,000 well colored Crotons, 4-inch, 35c; 6-inch, 75c each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

CYCLAMEN.

CYCLAMEN IN BLOOM.
Very choice stock for window displays. Three-inch, \$1.00 per dozen; 4-inch, \$2.00 per dozen; 5-inch, \$4.20 per dozen; 5-inch (extra fine) \$6.00 per dozen. Large white, 50 to 75 cents each.

GEORGE WITTBOLD CO.,
739 Buckingham Place, Chicago, Ill.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. 3-inch in bloom, \$8 to \$10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM—Mostly salmon. Wandsbek, 4-inch, good plants at 15c and 20c, in full bloom. Would exchange for Var. Vincas 2-in. or 3-in. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN SEEDLINGS—Best German and English strain, \$3 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

30 dahlias, \$1.25 postpaid; 1,000 dahlia roots, choice, by freight, \$2.50. ALVA CATHCART, Bristol, Ind.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOLE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored, 3-in. pots, \$18 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

FERNS.

Ferns. Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$8 per doz. Elegantisima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantisima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns. Boston, 2½-in., \$4 per 100; \$35 per 1,000; 3-in. pots, \$3 per 100; 4-in. pots, \$15 per 100; 5-in. pots, \$25 per 100; 6-in. pots, \$40 per 100. Teddy, Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000; 3-in. pots, \$10 per 100; 5-in. pots, \$35 per 100; 6-in. pots, \$60 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch plants, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

FINE BOSTON HANGING BASKETS, well established, \$1.50 to \$2.50 each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

FERNS, BOSTON. Fine established, 2½-in., \$4 per 100; 4-in., \$12.50. THE WAGNER PARK NURSERY CO., Sidney, O.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Vernon, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

TABLE FERNS, 10 varieties, \$4 per 100. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Boston ferns from beds, \$15 per 100. Jos H. Cunningham, Delaware, O.

Ferns. Joseph Heacock Co., Wyncote, Pa.

FUCHSIAS.

Fuchsias, 30 varieties, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS.

ROOTED GERANIUM CUTTINGS.
The following "SUPERB BEDDERS": S. A. Nutt, dark red; Dbl. Gen. Grant, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, 2 and 2½-inch pots of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums. Nutt, Pressly, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.

ROSE GERANIUMS, 2½-inch, \$2 per 100. Cash. Geo. B. Morrell, Torresdale St., Philadelphia, Pa.

Geraniums, S. A. Nutt, \$12.50 per 1,000; Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

GLADIOLI.

GLADIOLUS RULES AND BULBULETS. PLANTING STOCK OF Mrs. Francis King, Augusta and America, carefully grown and true to label. Third, fourth and fifth size bulbs at lowest thousand rates. We are headquarters and bulbs bought from us when matured will bring pedigree stock prices. VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

HEADQUARTERS FOR GLADIOLUS AUGUSTA. The florists' white, in all sizes; 30 other vars.—all Long Island grown. Send for list.

Geo. J. JOERG, New Hyde Park, Long Island, N. Y.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli cheap to close out, about 40,000 named sorts. C. S. TAIT, Brunswick, Ga.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage. New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; case of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily of the valley, cold storage. Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

HELIOTROPE.

Heliotrope, 2½-inch, purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

Heliotrope Centaurea, 2½-inch. Vaughan's Seed Store, Chicago and New York.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere Avalanche, E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chauvart, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

20 iris, postpaid, \$1.25. ALVA CATHCART, Bristol, Ind.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bonaire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

We have a very large and fine assortment of Kentias, made-up and single. Prices from \$1 to \$8, according to size. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

COCOS WEDDELIANA, extra choice, 15c each. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

PANSIES.

PANSIES. Strong Sept. sown. Giant Trimardeau and Imperial Giant German, \$3 per 1,000. G. F. ODOR, Iola, Kansas.

Pansy plants, giant dowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

PANDANUS VEITCHII, 50c and 75c. Well colored. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

6 peonies, postpaid, \$1.25. ALVA CATHCART, Bristol, Ind.

PETUNIAS.

Petunias. Double and single fringed, in mixed colors, 2-in., \$2 per 100; \$18 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. 10 named varieties, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$4 per 100, \$35 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Petunias, 2½-inch, dbl. sorts. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

Primrose, obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIVET.

300,000 California privet, Berberis Thunbergii, Ampelopsis Veitchii, Clematis paniculata, gladioli, cannas, shrubs, vines, etc. Prices right. LIST READY.

BENJ. CONNELL Florist, Merchantville, N. J.

Ibota Privet, clean young stock, all sizes up to 4 to 5 ft. Shrubs and vines in large quantities. Herbaceous plants a specialty. Largest stock of evergreens in this country. The Elizabeth Nursery Co., Elizabeth, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

GRAFTED ROSE PLANTS. Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

	100	1,000
Russell	\$14.00	\$120.00
Rhea Reid	14.00	120.00
Hoosier Beauty	14.00	120.00
Ophelia	12.00	110.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS. Sunburst \$7.00 \$60.00
Cecile Brunner 7.00 60.00
Shawyer 7.00 60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, Chicago.
178 North Wabash Avenue,

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted	2½-in. Own Rt.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney	100.00	56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	56.70
Hadley	105.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

DISTINCTIVE ROSES: IT PAYS TO GROW THEM.

CHAMP WEILAND—You need the big money-maker of 1916. Exquisite in color. Remarkable in size, beauty and foliage. Ready in March. Grafted plants, 100 for \$35.00, 250 for \$82.50, 500 for \$150.00, 1,000 for \$300.00.

MRS. CHAS. RUSSELL and MRS. MOORFIELD STOREY—Grafted plants, \$14.00 per 100, \$120.00 per 1,000; own root, \$12.00 per 100, \$100.00 per 1,000.

For prices on standard varieties, write us for special quotations.

WEILAND & RISCH, 154 N. Wabash Ave., Chicago, Ill.

EXTRA FINE YOUNG ROSE STOCK. Immediate or March Delivery.

	Per 1000
Killarney, white, 2½-in.	\$35.00
Killarney, pink, 2½-in.	35.00
Ward, 2½-in.	35.00
Shawyer, 2½-in.	35.00
Ophelia, 2½-in.	40.00
Sunburst, 2½-in.	40.00
Hoosier Beauty, 2½-in.	50.00
Hoosier Beauty, 3½-in.	70.00

F. J. BENTHEY, 165 Wabash Ave., Chicago, or New Castle, Ind.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG, 162 North Wabash Avenue, Chicago, Ill.

BULGARIA BENCH PLANTS.

3,000 Bulgaria bench plants in lots of 100 or more, \$6.00 per 100; \$50.00 per 1,000. Now ready for shipment. Will cut back to suit purchaser.

BASSETT & WASHBURN, Chicago.
178 North Wabash Ave.,

Roses, 2½ inch. Killarney, White Killarney, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Sunburst, \$5 per 100; \$40 per 1,000; Ophelia, \$5 per 100, \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZYOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Vetchii, \$1.50 per pound. Dracena indivisa, \$2 per pound. California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magman, Nice, France. Specialties—Stocks (the most beautiful in the world). P. mulas (10 var.) Cyclamens, Cinerarias, Bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Beebe's Early Prolific Tomato. Pkt., 20c; oz., 75c; ¼ lb., \$2.00. Write for English or German catalogue. German Nurseries and Seed House, Beatrice, Neb.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS. BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Bolignano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Field seed corn. Ratekin's Seed House, Shenandoah, Iowa.

SHAMROCKS.**IRISH SHAMROCK.**

Two-inch fine husky plants, \$2.50 per 100. 1-in. miniature, \$2 per 100. M. S. ETTER, Shiremanstown, Pa.

Shamrocks, 1-inch and 2-inch plants, \$3 per 100; \$25 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SHAMROCKS, 2-in., \$3 per 100; \$25 per 1,000. Frederick C. Hoffman, Pawtucket, R. I.

SWEET PEAS.

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VEGETABLE PLANTS.

Forcing Tomatoes, Comet and Lorillard, 2½-in., \$2 per 100. RONEY BROS, West Grove, Pa.

100 rhubarb, \$1.25; 200 asparagus, \$1.25, postpaid. ALVA CATHCART, Bristol, Ind.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATA. Fine bushy plants, established, 4-in., \$8 per \$100. THE WAGNER PARK NURSERY CO., Sidney, O.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 3½-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

STOCK WANTED.

STOCK WANTED—One or more orange trees, 4 to 10 ft., in tubs. CHAS. M. VANDERVORT, care of The Battle Creek Sanitarium, Battle Creek, Mich.

I want to buy a stock of cattleyas. HAROLD JEFFS, Honolulu, Hawaii.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway. Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen for spraying. Aphs Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Green Cyacine flower coloring for St. Patrick's day, 50c per package (enough for one qt.); three packages for \$1.25. A. T. Pyfer & Co., 30 E. Randolph St., Chicago, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Forest seedlings, trees and ornamental shrubs. Complete line of Altheas, Privet, etc. Send for trade list. Forest Nursery & Seed Co., McMinnville, Tenn.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

MISCELLANEOUS.

Square Paper Pots and Dirt Bands. Price list, samples and "experience of 131 florists," free. F. Rochelle & Sons, Chester, New Jersey.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Carnation dye for St. Patrick's day. 1 pkt., 25c; 3 pkts., 60c; 12 pkts., \$2; postpaid. Chas. W. McKellar, 26 E. Randolph St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Sterling iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Aglaonema Pictum, 5-inch, 75c each; 6-inch, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Covee, Berlin, N. Y.

Pruning shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E. Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.**GREENHOUSES****We Claim Maximum Strength and Minimum Shadow. Investigate****Essex Co., N. J., Florists' Club Banquet.**

The banquet and entertainment of the Essex County (N. J.) Florists' Club which was held at Kreuger Auditorium, Springfield and Belmont avenues, Newark, on the evening of February 17, was a most enjoyable event. From the fact that it was "ladies' night" there was additional interest, as there was a representative attendance of the wives, daughters and sweethearts of the assembled florists. Good instrumental music and several very clever vocal entertainers were features of the programme. A number of visiting members of the New York Florists' Club were present. After the good things of this life in the culinary line were disposed of, President Hornecker rapped for order, and in a happy and felicitous vein introduced Walter F. Sheridan, who spoke interestingly for the New York Florists' Club.

He was followed by Charles Schenck, for the wholesale florists, who made a hit. Edward Jacobi, Sr., who was introduced as the "Father of the Essex County Club," made an interesting address. J. A. Rassbach, the second president of the club, was another speaker who was well received. John Crossley, a retailer, who we believe was the first secretary of the club, made a clever and witty speech. A. F. Faulkner responded for the horticultural press and J. A. Shaw for the ladies. The growers were ably represented by Jacob Hauck of Bloomfield, E. W. Fengar of Newark, and Edwin Person of Irvington. Joseph A. Manda of West Orange, who is a member of so many horticultural clubs and societies that he needs a special calendar to enable him to keep track of them, was another interesting speaker. The affair was highly enjoyable throughout and it is worthy of repetition that the Essex County Club is on the horticultural map to stay. A. F. F.

Providence, R. I.**DEMAND IS NORMAL.**

The weather during the past week has been favorable, but ended with a cold snap. Although there was nothing startling in trade conditions, there were several weddings, but the orders were not large. Funeral work has been quite brisk and has helped to absorb the surplus stock that is on the market now. Carnations are becoming more plentiful, and tulips, daffodils and hyacinths, both in pots and cut, are welcome additions. Roses this season have been very much off crop with everyone, but as the demand for this flower is not very heavy, the shortening has not been felt. There are just about enough to go around from day to day. Lily of the valley and orchids are equal to requirements. Violets are good, with the prices low. Pansies are having quite a call now, as are also the little yellow daisy.

NOTES.

Macnair now has a display of some of the finest azaleas that have been seen in this city in some years. The plants are his own importation and the stock is perfect. The varieties are Vervaneana, Simon Mardner and Prof. Walters. The heads on the plants are

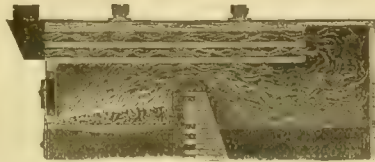
Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

American Florist Co., 440 S. Dearborn St., Chicago**KROESCHELL BOILER****SEND FOR CATALOGUE**

KROESCHELL BROS. CO.
452 W. Erie Street, CHICAGO, ILL.



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

from three to four and one-half feet across, are very heavily budded and have quantities of blossoms.

John Burke and his brother-in-law, Robert Burns, of Burke & Burns, have purchased the Hillsgrove racetrack and are forming a company to sell the stock. H. A. T.

Landscape Gardening

PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Practical culture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Save 25% On**Erection, Heating and Glazing.****MIKE WINANDY, JR.**

Greenhouse Builder

6236 N. Lincoln St., CHICAGO, ILL.

Mention the American Florist when writing

SPECIAL QUALITY**Greenhouse Glass**

Write for prices—stating sizes and quantity required.

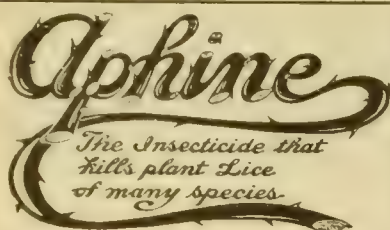
C. L. Dickmann Glass Co.

Carloads or less. MUSKOGEE, OKLA

Mention the American Florist when writing

Everything for the Greenhouse**J. C. MONINGER COMPANY,**CHICAGO
902 Blackhawk St.CINCINNATI
Union Central Life Bldg.NEW YORK
Marbridge Bldg

Mention the American Florist when writing



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Newark, N. J.

The florists of this city seem to be well satisfied with the condition of business, as there have been many decorations and much funeral work.

Henry Hornecker is located in East Orange, but he is so near the line that he is looked upon as a citizen of Newark, which is quite plausible, as he is president of the Essex County Florists' Club, which meets in Newark. He is both a grower and retailer, having a considerable glass area and a nice store at 75-77 Central avenue. He has five houses filled with stock that is being forced for Easter.

On February 17, Phillips Brothers had a large order for the funeral of Matthias Plum, aged 75 years, a life long resident of this city and one of its prominent business men.

J. H. Harvey, the well known retailer of 453 Broad street, has had a five weeks' tussle with grippe and bronchitis. He recovered sufficiently to be able to be out, then had a relapse, but it is hoped he will soon be about again.

We found Ernest Radany and wife, 596 Central avenue, quite busy on funeral work, February 17, but they were through in time to enjoy the banquet of the Essex County Florists' Club, held on that evening.

John Crossley, 39 Belleville avenue, reports good business. He has a nice family trade and is a constant buyer in the New York wholesale market.

F. A. Kuehn, who several years ago bought the business at 621-623 Central avenue, has made improvements and is prospering. He has quite a stock of bedding plants coming on.

Vice-president John Pfeiffer, of the club, and family, were among those present at the banquet. A. F. F.

Huntsville, Ala.

John Scott has completed four houses of Moninger construction, each 30 by 88 feet. He intends to overhaul and rebuild three other houses, 28 by 100 feet, in which he has been growing white and pink carnations and Killarney roses. The plants are full of buds and abundant crops of cut blooms are expected for Easter. He will enlarge his office and shipping room which will give him needed space. Mr. Scott was with the Waban Rose Conservatories, Natick, Mass., for some time and is in reality a "Montgomery" graduate. Fine stock of Lilium giganteum and Silver Pink snapdragons were also seen at this establishment, the latter being quite popular in this city. J. E. K.



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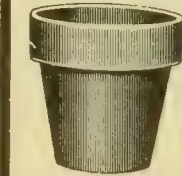


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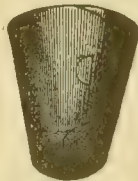
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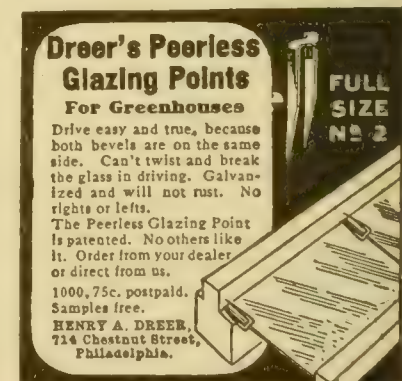
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Vol. XLVI.

CHICAGO AND NEW YORK, MARCH 4, 1916.

No. 1448

THE AMERICAN FLORIST

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SUGGESTIONS FOR PLANT GROWERS.

Seeds For March Sowing.

The middle of March is the proper time for the sowing of the main crop of summer annuals. The seedsmen have seen that the growers have the catalogues, and the lists of the wants for the year should be made out at once, if not already done, and the seeds procured and sown. How often have we seen good growers spending valuable time during the busy days of May and June hunting for some small stock that could have been easily grown, but was neglected at the proper time. It is a good time now to look back at the sales of the last year or two and note what lines of stock were in short supply or were carelessly omitted. Such matters as this are the little things that count in a successful business, for the time taken in hunting up and procuring the cheaper kinds of stock during the busy season more than eats up all the profit received in handling it. The seeds that should be sown now are almost endless in variety, and they include asters, Phlox Drummondii, zinnias, marigolds, balsams, antirrhinums, begonias, calendulas, celosias, cobeas, cosmos, gauras, mignonette, nicotianas, nasturtiums, petunias, salpiglossis, ricinus, salvias, scabiosa, stocks, thunbergias and others that may be demanded. With the exception of Cobaea scandens, mignonette and ricinus, which should be sown in pots, these can all be sown in flats, and as soon as large enough, transplanted to pots or spaced in flats, and good stock be had for summer bedding.

Iceland Poppies.

A beautiful cut flower for summer use not often grown is the Iceland poppy. While it is a perennial, yet it can be treated as an annual if the seed is sown early and the plants transplanted. Seeds sown in March will bloom the coming summer, and the varieties of color range through the yellow and orange to white. The petals have a peculiar satiny texture and are beautifully crumpled, and if the flowers are picked in the early

morning they will stand in water for a long time and are very decorative. There are few annuals that will attract more attention than a vase of these lovely poppies arranged with appropriate green, and besides they have a delicious fragrance. They are easily grown, and if the flowers are kept picked will continue to bloom all summer. Another poppy that can be grown for cut flowers is the Shirley poppy, but the flowers do not last as well as the Iceland poppies.

Camellias.

While it is a question if the camellia will ever become as popular as it was years ago, yet there seems to be a growing demand for the blooms of the "Japonica" as it was so familiarly known to the grandparents of the present generation, and the flowers are well adapted to certain classes of work or occasions. A few dwarf plants are now also seen in flower in some of the stores. They are easily grown, the prime requisite being a cool house, one with a night temperature of 45 degrees to 50 degrees, and the constant care throughout the year that all hard-wooded plants require. The large specimens which are grown for cut blooms may be planted in the ground of the house, first spading in a quantity of leaf-mold and rotted cow manure. The smaller plants are generally grown in pots, firmly planted in the same kind of soil, with plenty of drainage. They do not need repotting often and when done the shift should be to only one size larger, and this should be done just after the plant is through flowering, for it then starts to make its growth for another season. When the growth starts the plants should be given plenty of water and frequently syringed; in fact, careful watering is the one thing necessary in their culture. They should never become dry, and during the hot days of summer frequent syringings are required, which also greatly assists in keeping down mealy bug and scale, the only two insects to which the plant is subject. The cause of the buds dropping, which will sometimes occur, can invariably be

Ready Reference Advertisements

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Wants to Catch Up

With Orders.

American Florist Co.,
Chicago.

Gentlemen:—Please discontinue
my ready reference advertisement
for geranium cuttings until further
notice. I want to catch up on orders.

JAMES MOSS.

Johnsville, Pa., Jan. 24, 1916.

traced to the plant becoming dry some time during its growth. During the summer, heavy shade over the plants will be required and an abundance of air should be provided at this time.

Lilacs For Easter.

A large variety of blooming plants can be grown for Easter, and dwarf, shapely lilacs are appreciated by all flower lovers, and the cut sprays have now become a standard winter flower. For the pot plants the imported budded stock is preferable, but for cut blooms any lilac may be lifted and they force quickly and easily in a warm house. The varieties most grown for pot plants are Marie Lagraye, white, and Charles X, purple. Four weeks in a temperature of 65 degrees will bring them into flower. The plants when placed in the greenhouse should be syringed several times a day in order to assist the buds to swell and kept in a dark place. As soon as the buds begin to open the plants can be placed in full sunlight. The common lilac can be forced in the

cool house and frequently syringed until the eyes break, when they can be moved into warmer quarters and full sunlight. For June decoration there is nothing better in blooming plants than Crimson Rambler and the other rambler roses and hydrangeas; they make a beautiful combination and are also very decorative for porches.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Dollar Boxes.

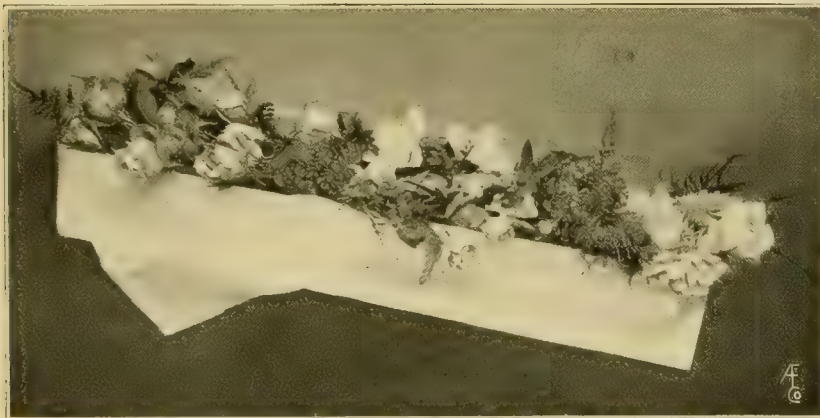
As a satisfactory and quick selling proposition the dollar box of cut flowers in many stores is a dependable fixture. There are those, however, who have no faith in it as a means of advertising the business, and doubt very much if it is profitable. Others have found it popular with their trade and a source of considerable income when flowers are plentiful, and their sale is encouraged by an advertised and con-

Like many other features of the business, this should be carefully thought out and looked at from every angle. The box is important; it should be ample in size, rather shallow and wide, so that the flowers may be spread out and show to advantage. Many cut flower boxes are so deep that only a few of the blooms on the surface are seen; the first view when the lid is removed, should be surprising, with nearly all the box contains exposed at once, as is the case in the shallow box, the best impression is made.

The packing, or proper placing of flowers in the box, should receive considerable attention. If this work is given into the hands of one or two persons they will soon be able to do it better and faster as the result of their experience. Some dealers advertise this as a gift box, and deliver it to any part of the city free of charge. Others claim that on account of the low price, or great value for the money, they must charge car fare. The cost of delivery is reduced as the trade is worked up and a quantity of orders are received daily, a number of boxes going in the same direction bringing this expense down very materially.

Selection and quantity of flowers for each special box should be made before it is packed, or one is apt to either slight the customer or give too many for the price. A few pieces of green or a flower or two more than necessary, will eat into the rather slender profit. With roses at \$1 per hundred, three dozen will make a splendid box. Two dozen dahlias is another good bargain. Twenty-five carnations will please most people. Sweet peas, daffodils and tulips are all good leaders in their season, when the market is full. Even when there is no special effort made to push the sale, a box or two should be always on hand, made up, as many transient customers drop in who are in a hurry and will take a box along that is ready. Then, too, the art in a nicely arranged box often sells it, when the same flowers in their separate vases would fail to attract. The clever salesman will sell many higher priced boxes to customers who have been attracted by the popular special—just to call attention to something manifestly better at from a half to a dollar more, is often sufficient.

When a comparatively steady trade has been established for this special, orders will frequently come over the



RETAILING CUT FLOWERS BY THE BOX.

same manner. A bush, which is well set with flower buds, and these are easily distinguished from the leaf buds, can be lifted and planted in a bench and will furnish fine sprays of flowers. If the plant is kept shaded from the sun by spreading a heavy cloth over it the flowers of the purple varieties will be white when forced. The plants will require plenty of water, for they make but little root growth and bloom upon the vitality which has been stored.

Rambler Roses.

The plants of rambler roses that are intended for Easter blooming should now be showing color and if they are not, they will require quite a little forcing to have them in the best of condition for that date. If the plants are at all potbound, watering with liquid manure will be of great assistance to them and stimulate the flowers and make them much larger and an addition of soot to this will intensify the color. The plants will often, when setting the buds, make long growths from the base of the plants; these should be cut out, for they are taking much strength that should go into the flowers. These canes can be made into cuttings and propagated and will make small plants for next year's growing or can be planted outside and grown on for stock for the future.

There is always a good demand for well-grown pot ramblers for Memorial day and early June, and plants started now will be in the best of condition at that time. They can be started in a

spacious display. Some stores make a feature of these boxes for week end sales and endeavor to work up a weekly or semi-weekly delivery the season through. With a lot of regular orders, together with what is sold from the window or store displays, and the advertised special daily sales, there is an outlet for a quantity of stock that may be in abundance in the market and which can be bought very cheap. This will enable the dealer to give his customers a bargain and insure future orders.



RETAILING CUT FLOWERS BY THE BOX.

Box Showing Decorations on the Outside.



INTERIOR OF G. E. M. STUMPP'S FLOWER SHOP, 761 FIFTH AVENUE, NEW YORK.

phone for patients in hospitals, the dollar box seeming to fit so many purses in moderate circumstances. For all stores except those who cater to the select trade, the dollar box will be found well worth while, and in the end a paying proposition. K.

St. Valentine's Day in Kansas.

"Keep St. Valentine's day on the calendar as an occasion for the giving of flowers" is the maxim of W. H. Culp & Co., well-known florists of Wichita, Kan., as shown by the advertisement reproduced on page 320. Despite the fact that the book stores in that city devote considerable attention to elaborate displays of valentine novelties, the florists have been supplying cut blooms and plants for the occasion where the call was for something choice. This appreciation of flowers and plants as valentines is becoming more in evidence each year, and it is also noticeable that the valentine displays in the book store windows have been much reduced during the past three years.

Notwithstanding the fact that home-grown stock was rather scarce, the wholesale markets rather uncertain as to prices, and a heavy demand for funeral work, a situation that gave a feeling of doubt as to whether advertising for the 1916 St. Valentine's day trade might possibly bring more trade than could be properly cared for, W. H. Culp & Co. were alive to the importance of holding the ground gained in the past, and the public was again reminded through the columns of the two leading newspapers of Wichita that flowers are the appropriate token of sentiment.

FLORISTS' PALMS.

Spring Care.

The month of March usually marks a period of change in the palm houses, for it is at this time that the majority of the palms in common commercial use become more active in their growth. This change is first noted in the condition of the roots, the latter showing active growing tips or points, an indication that is readily seen by those familiar with such processes, and at the same time the plants will be found to dry out more frequently, and new leaves will begin to push up, although the latter may not progress as rapidly as they will some two months later. Such indications will naturally show themselves more promptly where growing conditions are maintained, by which is meant, an even condition of temperature, moisture and fresh air, and not a variation from 80° in the daytime to 50° at night, such as is sometimes found in greenhouses where the heating is not adequate, or else is not carefully attended to.

In such an establishment, that is, where the heating is not efficient, there is likely to be little or no sign of active growth on the part of the palms so early in the spring, but on the contrary the plants will have that hard and inactive appearance that is at once apparent to those familiar with these peculiarities. But the growing conditions required for early and continued activity on the part of the plants are a night temperature of 60° to 65°, plenty of moisture, both

overhead and at the roots, and as much ventilation as the weather will permit without dropping the temperature below 70° on a bright day, and to this may be added some shading on the glass after February 20, in order to avoid sunburn, the shading to be made somewhat heavier after the middle of April.

Potting soil should always be kept under cover in sufficient quantities that there may be no necessity to go for it in severe weather, and then to wait until it thaws out and dries enough to be used, for in such a case it is quite likely that some of the plants will be potted in soil that is too wet for the purpose, with the result that the plants so treated seldom drain properly. Be sure that no plants are dry at the time of repotting, else there may be much trouble in getting the moisture through the ball afterwards, and this will result in a check to the growth from which the plants will not recover quickly. Remove the old drainage material from the bottom of the ball, and then repot firmly, giving a good watering as soon as the plants are replaced in the greenhouse.

Some of the palms may be heavily rooted and badly pot-bound, and in order to keep the pots down to a convenient size, it may be advisable to wash out some of the old soil by holding the plant under a strong stream of water from a hose. This method removing the soil without injury to the roots, but any plants so treated should be protected from the sun, syringed frequently, and kept in a somewhat closer atmosphere for

two or three weeks after being repotted. Of course all plants should be cleaned thoroughly before repotting. If there is any suspicion of insects upon them, bearing in mind the fact that plants in general do not like to be disturbed about the collar after repotting, and such a disturbance is very likely to occur in the operation of cleaning.

Not only the various species of scale insects give trouble to the palm grower, but thrips and red spider are also very likely to appear upon palms that are neglected in the matter of vigorous syringing, although the last two in particular may be made very scarce by regular spraying and dipping with soap solution.

Whatever may be on hand in the way of seedling palms that are in condition for potting off, should be among the first to receive attention at the potting bench, in order to enable these tender young plants to become established, while there is abundant fire-heat in the houses, and before the rapidly increasing power of the sun demands that the houses be freely ventilated. The first root of a seedling palm, generally speaking, is a rather stiff radicle, and this requires careful potting, for these roots are quite brittle, and when broken often cause the death of the seedling, so a little extra care in this operation will pay much better than any attempt to make a record numerically with the potting.

W. H. TAPLIN

Lilies for Easter.

ED. AMERICAN FLORIST:

I have about 2,000 giganteum lilies, about six inches high. Some of them are budding now and there are white spots on the leaves. The plants are in a house kept at about 60 degrees at night. How can I hold them back for Easter and get them at least a foot higher? What do you think is the cause of them being this way? I have kept them wet and about an even temperature. They were brought up about the middle of December.

J. A. N.

Massachusetts.

Not being able to see these lilies it is a hard matter to say definitely what ails them, but I am inclined to think they were forced too hard before the bulbs had made sufficient roots to stand it. When they were brought into the house about the middle of December, the temperature should have been held close to 50 degrees at night and 56 degrees by day, gradually increasing it as the plants grew stronger until by February 1 the night temperature would have reached 60 degrees at night and 65-70 degrees during the day.

While in the early stages of their growth the greatest care should be exercised not to overwater lilies or the roots will rot off at the ends and the growth of the plants receive a check from which they will not recover, but will develop into short stunted plants, such as described in the inquiry, and my conclusion is that overwatering before the plants were thoroughly well established is one of the causes of these lilies being so short and stunted. Easter falls on April 23 this year, so that any lilies showing bud March 1 should be on time

easily in a night temperature of 60 degrees and an advance of eight to ten degrees during the day. If any appear to be coming ahead of time, remove them to a cooler temperature, but do not attempt this until the buds show white or the check will be too severe. I cannot tell the cause of the white spots on the leaves, but am inclined to think they are caused by insects.

C. W. JOHNSON.

THE ROSE.

Mulching.

During the propagating season, when most of the help are called upon to assist in hurrying this work along, the rose range usually gets a little ahead of us, and it is astonishing what a difference a few days make in the way of tying and other little details where the plants have been left to themselves for a short while, for what attention they receive on almost any range while the grafting is going on is of the hurried order and naturally something must be slightly overlooked.

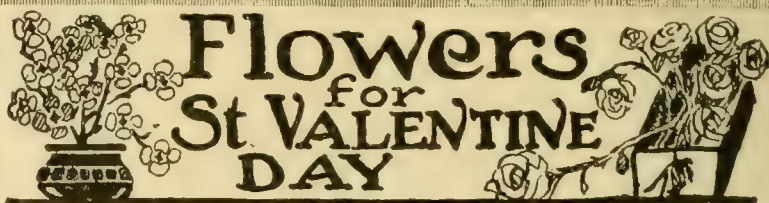
As the sun is now getting stronger daily, and the plants feeling the beneficial effects of same, they will require a mulch at this time, and quite a generous one at that. First of all, get the tying done. Tie each plant carefully, and where, after tying, the plants seem to lean over the walks (as they sometimes do owing to their weight), between the wire supports, place a few more supports along the running wires, or wire the outside roses by fastening a wire to the running-wire, across and down to the lower edging of the border through the plants. In this way the plants can be straightened up nicely, the inside rows being evenly adjusted by placing a lath with a saw-curf at equal distances over the running wires and tying. We mention this piece of work for the importance of having the plants well out of the way when bringing in the mulch will be

greatly appreciated, and there will be little or no growth bruised or broken during the operation.

After tying, the beds should be cleaned. Remove all of the old loose mulch that has been exhausted, leaving nothing but a solid foundation for the new mulch, and be sure to have the manure in good condition for handling; in fact, this should be done before removing the old mulch from the borders. The best manure for this purpose is cow manure about half decomposed. Fresh cow manure will spot the plants quite badly during the fermenting period and the old, completely rotted manure has not enough strength for a mulch at this season, yet, if one has nothing but green manure and some old manure on hand, by using the two a good mulching material will be the result. A mulch applied to the depth of an inch on an inch and one-half on the level, will not be too heavy along about March 1, preferably in ridges crosswise the beds when it can be washed down with the hose, the plants getting a good, strong feed at the first watering. Then in a few days, go over the mulch rapidly with the hands and break it up again. This should be done before a crust forms on the surface if one wants to avoid a great waste of plant food, for when the manure once gets hard its usefulness as a fertilizer is about over.

The grafting case will still be in use for several weeks and do not be in too great a rush to get the grafts out of the case. Air gradually, and be sure that the grafts are ripened enough to be placed outside on a bench before moving them; many plants are ruined that would otherwise make good, owing to their soft condition when taken from the case. The young stock will require careful handling outside for a week or ten days. Shade carefully, spray frequently, avoid draughts, etc. A night temperature of 65 degrees and a day temperature of 80 degrees for about a week will be beneficial.

E.



She Will be Delighted With a Flower Valentine

Flowers coming from CULP'S will impress her with the fact that you wanted her to have the best.

WE SUGGEST a splendid box of cut flowers artistically arranged, a choice blooming plant in fancy pot or receptacle, an artistic hamper or basket of cut flowers or combination of growing plants, or dainty corsage bouquets, which are in vogue for all social events.

We offer special facilities for fine corsage and gift box effects. Mention the price and your preferred choice. We can surely please you

W. H. Culp & Company, Florists

139 NORTH MAIN STREET

PHONES MKT 1108-1109

We are shipping flowers satisfactorily throughout the southwest. Flowers delivered in distant cities by telegraphic arrangement.



EIGHTH ANNUAL DINNER OF THE NEW YORK AND NEW JERSEY ASSOCIATION OF PLANT GROWERS.

Hotel McAlpin, New York, February 23, 1916.

New York and New Jersey Plant Growers.

The eighth annual dinner of the New York and New Jersey Association of Plant Growers was held in the Green room of the Hotel McAlpin, New York, February 23. Those present declared it was the most enjoyable and successful function ever held by this association. After a hearty dinner J. H. Fieser, who is president, and who acted as toastmaster, in an appropriate address, welcomed the guests and then called upon numerous speakers, including F. R. Pierson, Anton Schultheis, James McHutchison, A. L. Miller, Wm. H. Siebrecht, senior and junior, and others. The attendance exceeded all expectations. The guests were seated at round tables which were so arranged as to leave dancing space at one end of the room and a goodly number of the diners danced between each course. After the speechmaking was over dancing was again indulged in until the early hours. The success of the affair, as well as all other similar affairs conducted by the association, is to be credited to the dinner committee, which was headed by A. L. Miller.

State Nur. Stock and Interstate Commerce

A paper by Curtis Nye Smith, read at the twenty-fifth annual meeting of the Western Association of Nurserymen, Kansas City, Mo., December 8-9, 1915.

Two years ago, this country was desperately near a terrible war with a great nation, because one of our states had enacted a local law designed to protect its citizens from certain alien land owners. This law, however, contravened the terms of a treaty which the United States senate, acting within its constitutional duties and rights, had made with this foreign nation. There was a tremendous feeling of antagonism and criticism of the good faith of this country. The president sent the secretary of state, a most unusual procedure, to plead with the governor and legislature of this state to abandon the law, not on the ground of the illegality of the state law or because of its unconstitutional conflict

with national rights and powers, but as a favor and to preserve peace. This is but one illustration, out of a countless number, of the extraordinary and lamentable contests between state and national powers. The historical, political, judicial and economic development of this conflict reads like a romance.

For the purpose of introducing the subject under discussion, it is sufficient to say, that, from the foundation of this government there has and always will be a contest between state and federal rights and powers. It was only after the most strenuous efforts, arousing bitter and enduring controversies, that the states surrendered to the national government by means of the federal constitution, adopted in 1789, certain powers, one of which was the right of congress to regulate and control the commerce between the states and foreign countries. This commerce between the states we call interstate. Just what is, or is not, interstate commerce is not defined by the constitution. For this definition we must and do look to the interpretations gradually, haltingly, and sometimes uncertainly enunciated in the decisions of the supreme court of the United States. As the methods of trading have changed or expanded, as the means of transportation and the communication of merchants have been made quicker and easier, this great court has added to its definitions of interstate commerce and explained the limitations of the state laws in restriction of such commerce. Nevertheless, the subject, except in its general principles, is difficult of understanding both theoretically and practically. The business man transacting business in many states, in which there are numerous and difficult restrictive laws, demands to know how he can safely ship his merchandise in interstate commerce without submitting to those burdensome laws. It is the object of this discussion to point out in ordinary language the relationship of state nursery stock laws to interstate commerce in such merchandise.

While the congress has, as we have seen, control of interstate commerce, there are two apparent, and in

practice real exceptions to the general rule. By the federal constitution the states have reserved to themselves the power to inspect imports or exports. The other power, not mentioned in the constitution but reserved to the states, is the police power of the states to enact reasonable and appropriate laws to protect the morals, health, safety and general welfare of their citizens, and to prevent fraud and deception. Under these two powers only can interstate commerce be affected by state laws. The United States supreme court has recognized these state rights, but only with certain limitations, such as, for example, that the state laws must be reasonable, must not unfairly discriminate against interstate commerce, must not, under the guise of inspection laws be in effect revenue measures and a direct regulation of interstate commerce. As a result of the supreme court decisions it may with some assurance be stated that the states, with the probable exception of New York state, which, except in certain particulars, has, by its constitution prohibited inspection laws, may enact these nursery stock laws in order to provide inspection for the detection and elimination of injurious plant diseases and pests, and for the sole purpose of paying the cost of such inspection may charge such reasonable fees as have a proper and direct relationship with the costs of such inspection. These laws may in direct terms, prohibit or restrict the introduction of nursery stock affected by such diseases or pests. The practical effect is that interstate commerce is regulated by this class of laws just described. On the other hand, these nursery stock laws have been very carelessly drawn by persons unacquainted with the constitutional limitations, or indeed, with little knowledge of proper statutory construction. It is, of course, impossible in this brief discussion to catalogue all the faults of the numerous state nursery stock laws. It is sufficient at the present time to cite a few examples of state nursery stock laws which appear to offend the constitutional requirements above noted. A Maine nursery stock law required "agents" who wished to sell nursery

stock to take out a license fee of \$10.00, these fees going into the general treasury of the state. An agent of a New York nurseryman, not paying this fee, was arrested, tried, found guilty, but, on an appeal, the supreme court of Maine, reversed the judgment on the ground that the agent was not selling nursery stock. The court did not discuss the constitutional question raised, namely, that the license fee was a revenue measure, and so a burden on interstate commerce. However, this law was promptly amended to conform to the criticism on the constitutional question, thereby recognizing the justice of the nurseryman's contention. Cannot the same thing be said of the Michigan nursery stock law where the license fees are paid into the treasury of the state without any provision for the use of such moneys for the charges of inspection?

The state entomologist of Oklahoma has recently requested ex-state nurserymen to file a bond, one of the conditions of which is that the nurseryman desiring to solicit orders for nursery stock shall buy, sell, etc., only such nursery stock as has been duly inspected and certified by an official state inspector of the state of Oklahoma. In the first place this bond appears to have a fatal defect because the statute from which it must derive its force and effect wholly fails to provide what this bond is for and what shall be its conditions. To give it life by judicial construction or administrative regulations would practically be a usurpation of legislative functions. Another rather amusing defect of far-reaching results is that the bond is required of one who "desires" to sell. Now the criminal and civil law is not interested in an intent harbored in the mind and it is not punishable, as the Maine supreme court decided in the nursery stock case above cited, in which the objectionable law penalized one who desired to sell nursery stock.

This Oklahoma bond raises a constitutional question which is unanswerable. It requires the agent of ex-state nurserymen "desiring" to solicit orders in Oklahoma, a purely interstate transaction, to buy and sell, etc., only Oklahoma inspected stock. This of course is physically impossible. Under the limitations imposed by the federal supreme court as above mentioned, this requirement is thoroughly unreasonable, and for the further reason, propounded by the supreme court, that the inspection would necessarily be beyond the jurisdiction of Oklahoma. The regulation is an unwarranted burden on interstate commerce. These objections being presented to the Oklahoma officials, a new form of bond has been offered to the nurserymen, but still fatally defective, though omitting the impossible inspection by Oklahoma officials in another state.

The Michigan nursery stock law provides, in one section, that all nursery stock imported into Michigan must, before entry, be fumigated by hydrocyanic acid gas, while Michigan grown stock is only required to be fumigated if grown within one-half mile of where San Jose scale exists. This is an obvious discrimination against interstate commerce, which, under some decisions of the United States supreme court and in the opinion of some attorneys, is unconstitutional. Even if, as is the opinion of some lawyers, the writer being one, there can be discrimination against ex-state products under certain conditions, we still have the question whether this is a reasonable regulation of interstate commerce. From opinions of those competent to give advice as to the effect of this gas on nursery stock if used in sufficient quantities to kill the San Jose scale, it is alleged

that certain kinds of nursery stock would be destroyed by this fumigation process. It is also stated by these experts that not all forms of nursery stock are affected by the San Jose scale. These facts being true the Michigan law requiring the ex-state nurseryman to fumigate all nursery stock offered for importation into Michigan is burdened with conditions not imposed on the Michigan nurseryman. Some of his stock which is never affected by the San Jose scale has to be fumigated; some of his stock though it is free from the San Jose scale cannot, because the fumigation process destroys it, be imported into Michigan. The only possible reason whereby this discrimination can be upheld is that this extreme regulation against interstate commerce is the only means by which this obnoxious San Jose scale can be kept out of Michigan. This is not the case. This scale can be readily detected by inspection without any difficulty and by a perfectly feasible system of inspection of imported nursery stock. If such inspection discloses the presence of San Jose scale, let the authorities take proper action to prevent further shipment, or let there be penalties for the introduction of nursery stock affected with the San Jose scale. The situation is somewhat comparable to the Missouri statute which absolutely prohibited the introduction of all cattle from certain states for a large part of the year. The statute was designed to keep out of Missouri the dreaded Texas fever. The United States supreme court held this statute an unreasonable burden on interstate commerce, because as is evident, it prohibited interstate traffic in healthy cattle.

If we now consider in the briefest manner what the United States supreme court has held to be interstate commerce, we can conclude these remarks. It is interstate commerce:

(1) When goods are shipped F. O. B. by the vendor in one state to purchasers in another state. Method of payment for goods is not a determining factor.

(2) When orders for goods are solicited in another state by advertisements, catalogues, traveling salesmen or other methods.

(3) When, as a result of acceptance of orders secured by traveling salesmen, advertisements, catalogues, etc., the goods are delivered at seller's risk and cost at purchaser's residence in another state, method of payment of goods not being a determining factor.

In these circumstances or when shipment is bill of lading to shipper or order, draft attached, there is technically a retention of title in vendor until after arrival of goods in the other state, but the United States supreme court has stated that this is merely an incident of collection of payment, the contract of sale being consummated in the vendor's state.

(4) When vendor in one state ships goods to a factor or broker in another state for sale on commission, the title to remain in the ex-state owner until goods are sold.

(5) When ex-state persons establish and maintain branch offices or agencies in another state provided the agents merely solicit orders which are sent to the home office for acceptance.

(6) And these branch offices may also act as distributing agents for the interstate shipment and delivery of the goods on orders previously sent.

High Mark in Flower Sales

New York and New Jersey Growers' Association Dines and Hears of Big Increase in Demand for Potted Plants—New York Is Buying More Blooms Than Ever.



WHEN it comes to potted plants—and it comes to them around Easter among other times—the New York and New Jersey Growers' Association is about the whole thing. For this little association—it has less than twenty-five members—supplies nearly 90 per cent. of the potted plants bought by New Yorkers.

The association held its annual dinner at the Hotel McAlpin on Wednesday night with an attendance swelled by almost as many guests as members. For like all

the gatherings of the potted plant growers it included their wives.

Mayor Frank R. Pearson of Tarrytown was the principal speaker at the dinner. Mayor Pearson is a florist and in potted plant circles is regarded as an expert. The dinner was arranged by A. L. Miller of Jamaica, a past president of the association, who is now functioning as Chairman of the Dinner Committee. President J. H. Flesser of North Bergen, N. J., was toastmaster.

There has been a big increase in the demand for potted plants

during the past year. The high prices for cut flowers is the reason for this condition. When a prospective flower purchaser discovers that he can get a potted plant for the price of a bunch of American Beauties, he often follows the lines of least resistance. But dealers in cut flowers are doing well, too. For as Mr. Miller explains, New Yorkers are buying more flowers than they ever did before.

Flowers will be unusually plentiful this Easter. Azaleas will vie with lilacs in general popularity.

(7) When an ex-state vendor maintains a storehouse in another state to which goods can be shipped as ordered and from which they can be distributed.

The obvious conclusion of this discussion is that the state's interference with interstate commerce by means of the state's police power and its constitutional right of inspection is one of great difficulty, and that these laws should be carefully drawn. Nurserymen admit, I believe, that state nursery stock laws are entirely proper and necessary to protect the farms, orchards, and woodlands of this country from devastating diseases and pests likely to be introduced on nursery stock. I am equally positive that these nurserymen do not agree that this means a license to state legislatures and more particularly to over-zealous inspection officials to enact or promulgate unfair burdens on interstate commerce contrary to the rights secured by the federal constitution. When a state official charged with the execution of a nursery stock law not only persistently interferes with interstate commerce, even when such interference is unsupported by the provisions of the state statute, but frankly admits, as he did to the writer, that he "did not believe in, nor approve of, the nursery business carried on through any catalogue measure," and that if nurserymen of other states wish to take advantage of the markets of his state, they should pay for that privilege, the nurserymen are justified in inquiring if they have any rights under the federal constitution.

CURTIS NYE SMITH.

Cleveland.

SHORTAGE OF LONG AMERICAN BEAUTIES.

There has been plenty of stock for all requirements during the week just passed, with the possible exception of long American Beauties. Carnations were plentiful as were roses in the shorter grades. On Saturday, February 26, a number of retailers had "carnation sales" at 50 cents a dozen. Spring flowers also were sold for 50 cents a dozen retail. Orchids have been moving well and the stock, although not so large as formerly, is of exceptionally good quality, mostly of the lighter shades. Sweet peas, forget-me-nots, daisies, snapdragons, calendulas and lily of the valley are good stock and meet with a good demand. A few Easter lilies are beginning to arrive. Callas are more plentiful, while bulbous stock seems equal to the demand. Pink and White Killarney and shorter grades of American Beauties are sufficient for requirements. Greens are plentiful.

NOTES.

Al. Barber, of the Jones-Russell Co., spent last week in the east, visiting all of the larger flower centers, including Boston, Mass. He returned Monday evening, February 28.

T. J. Kegg, florist, West Park, O., was selected as one of the jury that is to decide the fate of Biauchetti, who strangled Dolores Evans at the Prospect hotel in January.

W. J. Swanger, of New London, O., is at Huron Road hospital, where he underwent an operation for appendicitis.

C. F. B.

OWENSBORO, KY.—J. A. Tapscott reports greatly improved business since moving to his new location, which affords opportunity for fine displays of flowers and plants. Mr. Tapscott showed a considerable number of unusually large and well finished azaleas for St. Valentine's day.

Boston.

GOOD BUSINESS FOLLOWS DULLNESS.

Although business was quiet during the first part of the week, it took a turn for the better towards the latter part, and on Monday, February 28, it was quite brisk. Roses remain about the same in price, but as the supply seems to be shortening, better prices are expected soon. Carnations are becoming scarce and the price has gone to three cents on the best quality stocks, such as Matchless, Ward and Pink Delight. Bulbous stock moves rather slowly, as there is an over supply of stock not up to the standard. Tulips are plentiful and do not bring very good prices, although some of the best flowers reach the two-cent mark. Freesias are scarce and easily sell for six cents. Violets vary in price according to the weather. Plumosus and Sprengeri are still scarce and sell readily. Snapdragons are coming better and sell fast. The best quality go for \$2.50 per dozen, and other grades vary from 25 cents up, according to size and color.

NOTES.

J. Stafford & Son, of Braintree, are cutting a nice lot of freesias. They grow the colored sorts as well as Purity, and find a good market for all of them. A few plants of Buddleia Asiatica were grown this year with good success, six cents being received for each spray.

Caroline Ball, of Southboro, has some of the finest snapdragons seen in Boston. Pink, yellow and white are grown, and all are exceptionally fine flowers. The carnations at this range are doing well this year, Enchantress Supreme and Ward being especially good.

John Barr, of South Natick, will cut down the number of varieties of carnations for next season. Matchless, Pink Delight and Ward will comprise the bulk of his stock. He thinks well of Good Cheer, and is propagating all that is possible from his stock.

Welch Bros. report trade as showing improvement and predict a good market for the coming week. A fine lot of carnations and roses were noted in their store; also a good supply of very fine bulbous stock.

F. L. W.

Washington.

Business is still at its best. The supply of stock coming to the market is plentiful, but prices have not changed. Roses are plentiful and sell at fair prices. Carnations are not overly plentiful and the quality is none too good. Pot plants, such as azaleas, hyacinths, primroses, tulips, lilacs, etc., are seen in numbers.

NOTES.

The next meeting of the florists' club will be held March 7. The following officers have been nominated: Lloyd Jenkins, president; Adolph Gude, vice-president; Wm. Gude, treasurer; C. L. Linz, secretary. H. B. Lewis will make a report at this meeting regarding the arrangements that have been made for the visit of the local florists to the Philadelphia flower show. Over 100 will make the trip from this city.

Geo. H. Cooke, president of the florists' club, has been appointed a member of the manufacturers' committee of the Chamber of Commerce. William F. Gude, Edward S. Schmid and Wm. H. Ernest, members of the club, are also identified with the Chamber of Commerce, serving on various committees.

John Bickings, fern specialist, has taken unto himself a helpmate. Both he and his bride have the best wishes of the local members of the craft.

Geo. C. Shaffer has been exceptionally busy with decorations during the past week. Funeral work has also been heavy.

G. C. D.

OBITUARY.

Max Rudolph.

Max Rudolph, president of the Cincinnati Florists' Society and well-known to the trade in many cities, died unexpectedly following an attack of heart trouble at his residence on College Hill, Cincinnati, Ohio, February 22, aged 52 years.

Max Rudolph was born in Leipzig, Germany, and after serving his apprenticeship, came to the United States in 1882, working in several greenhouse establishments until 1891, when he opened a flower store in Cincinnati, continuing in the same location until his death. About 15 years ago he erected a range of greenhouses on College Hill, which is a model of completeness and contains about 20,000 feet of glass. During the day preceding his death, he appeared to be in good health and was in his usual happy frame of mind. He attended to business at his store and after partaking of his supper after his arrival home, walked to his greenhouses and chatted with his night foreman. While returning to his home he became violently ill, and although a physician summoned by his wife arrived in a few minutes, he was beyond medical aid and died within an hour.

To his many friends, both in and out of the trade, the sad news which spread quickly cast a gloom, and to the members of the Cincinnati Florists' Society, the passing of their brother member and friend comes as a severe loss for those who knew him best respected him for his life of simplicity, truthfulness and uprightness, and the heartfelt sympathy of all who knew him goes out to his widow and son who survive.

The funeral services were held at his late residence, the pall bearers being Julius Peterson, Chas. E. Critchell, Gustav Adrian and Henry Schwarz, all of whom were among his closest friends in life. The floral offerings were beautiful and numerous. His remains were cremated.

H. S.

NASHVILLE, TENN.—T. C. Joy has been confined to his bedroom with the grip for several days.

BALTIMORE, MD.—Mrs. Minnie Bowland has withdrawn from the firm of Bowland, the Florist.

HARBOR SPRINGS, MICH.—Theo. J. Feters will make a specialty of everlasting for the Chicago market.

ST. PAUL, MINN.—O. J. Olson, of Holm & Olson is planning to attend the National Flower Show at Philadelphia, Pa.

RICHMOND, IND.—Wm. H. Gardener, formerly of Newcastle, Ind., has purchased the business of the Knopf Floral Co., of this city.

GREAT BEND, KANS.—Stoke & Stoke have the material on the ground for two new houses which will be among the finest in this section, it is said.

NEW ORLEANS, LA.—Bruno Werner, who has conducted a flower store in this city during the past seven years, is dead, following an attack of Bright's disease.

ATLANTIC, IA.—The C. E. Malone Seed Co. has opened an establishment in the Fulton building and will carry a complete line of seeds, garden tools and supplies.

AMHERST, MASS.—F. A. C. Smith, formerly instructor in landscape architecture at the University of Illinois, has taken a position in the extension service of the Massachusetts Agricultural College.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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SAMUEL UNTERMEYER has paid \$150,000 for 30 acres of unimproved land at Palm Beach. He will spend \$1,000,000 for villa and grounds, build 300 feet of land into Lake Worth and make a chain of small lakes.

THE department of agriculture, Washington, D. C., recently issued an exhaustive and well illustrated bulletin on Termites, or white ants, so destructive to many forms of vegetation. This is Bulletin No. 333, of the Bureau of Entomology, by L. O. Howard.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

Florists' Hall Association.

John G. Esler, Saddle River, N. J., secretary of the Florists' Hall Association, has forwarded the twenty-eighth assessment notices to members of that organization. The association has paid, since the beginning of its highly successful career nearly 20 years ago, 2,260 losses aggregating \$350,000 and also has secured an enviable record for fair dealing.

Illinois State Florists' Association.

President Johnson, of the Illinois State Florists' Association, has appointed the following to act as judges over the exhibits at the next annual meeting of the association to be held in Turner hall, Moline, March 7-8: Charles Loveridge, Peoria; Emil Buettner, Park Ridge; George A. Washburn, Bloomington. Judging will begin promptly at 1 p. m. Tuesday, March 7. J. F. AMMANN, Sec'y.

Chicago to Moline.

ILLINOIS STATE FLORISTS' CONVENTION.

At the February meeting of the Chicago Florists' Club the Rock Island Railroad was selected as the route to the annual convention and exhibition of the Illinois State Florists' Association, to be held at Moline, March 7-8, the club members leaving the Rock Island station, LaSalle and Van Buren streets, Chicago, on Train No. 7, Tuesday, March 7, the first day of the meeting, at 10:00 a. m., due at Moline 1:53 p. m., the opening business session being called for 2:00 p. m. that day. The one-way fare is \$3.58. There are no party or other special rates on this trip.

Other Rock Island trains for those who can not leave on the club train are as follows: Leave Chicago 3:45 p. m., due Moline 8:15 p. m. Leave Chicago 6:00 p. m., due Moline 10:03 p. m. Leave Chicago 1:30 a. m., due Moline 5:55 a. m. Lower berths are \$1.50, upper berths, \$1.25.

Some inconvenience may be avoided by securing round-trip tickets of W. D. McFarland, Passenger Agent, Rock Island Railroad office, 50 West Adams street (corner Dearborn and Adams streets). Mr. McFarland will reserve seats for those who secure their tickets in advance.

American Rose Society.

The gentlemen who have accepted the positions of judges for the American Rose Society at the coming National Flower Show to be held in Philadelphia March 25-April 2, are: Frank H. Traendley, New York; W. J. Palmer, Buffalo, N. Y.; Eugene Daille-douze, Flatbush, N. Y.; Robert Craig, Philadelphia, Pa.; Philip Breitmeyer, Detroit, Mich.; Alex. B. Scott, Sharon Hill, Pa.; Wm. L. Rock, Kansas City, Mo.; Emil Buettner, Park Ridge, Ill.; James Forbes, Portland, Ore.; Admiral Aaron Ward, Roslyn, N. Y.; Fred Burki, Gibsonsia, Pa.; J. H. Dunlop, Richmond Hill, Ont.; George C. Thomas, Jr., Chestnut Hill, Philadelphia, Pa.; Victor Groshens, Roslyn, Pa.

There will be submitted at the annual meeting of the society the report of the committee on standardizing the length of stems of roses and the question concerning the renaming of roses. A proposed standard for outdoor roses made up by Dr. Robert Huey, Jesse A. Currey and George C. Thomas, Jr., has

been submitted to the executive committee. The annual bulletin for 1916, covering the business of the society for the year 1915, with a series of papers upon roses, colored illustrations, etc., is now ready to be mailed to each member of the American Rose Society. This book is a publication of uncommon worth, and was a special effort to increase amateur membership.

The promise now is that the display of roses at Philadelphia will be the best that has ever been brought together, which is saying a good deal. The extensive list of prizes is bountiful; the private donors number over 50.

BENJAMIN HAMMOND, Sec'y.

New York Summer Show.

A meeting of the International Garden Club was held Thursday, February 24, at the house of the president, Mrs. Chas. F. Hoffman, 620 Fifth avenue, New York, to discuss the coming summer flower show to be held June 1-4, at the club house and grounds, Pelham Manor, Pelham Bay Park, on Long Island Sound. The International Garden Club will offer a prize list of at least \$3,000. Many representatives of the trade were present and the following were asked to act as a committee to draw up a schedule and to act in an advisory capacity: Harry A. Bunyard, New York; George E. M. Stumpp, New York; Charles H. Totty, Madison, N. J.; F. R. Pierson, Tarrytown, N. Y.; Julius Roehrs, Rutherford, N. J.; F. L. Atkins, Rutherford, N. J.; John B. Lager, Summit, N. J.; P. W. Popp, Mamaroneck, N. Y.; W. A. Manda, South Orange, N. J.; W. H. Duckham, Madison, N. J.; Wallace Pierson, Cromwell, Conn.; David Ward, Queens, N. Y.; M. C. Ebel, Madison, N. J.; I. S. Hendrickson, Flowerfield, N. Y.; John Canning, Ardsley, N. Y.; J. Harrison Dick, New York; Benjamin Hammond, Beacon, N. Y.; Leonard Barron, Garden City, N. Y.

The International Garden Club will invite the co-operation of national and local societies, and it is hoped that an additional \$3,000 may be secured for a prize fund, the profits to be divided in ratio to the amounts subscribed by each society. If possible, the show will be arranged as an integral part of the gardens and grounds adjacent to the club house rather than grouped under a tent or marquee. Possibly the latter might have to be erected for groups of tender indoor plants, Rose gardens, rock gardens, groups of rhododendrons, flowering and other shrubs, herbaceous plants and water gardens and similar features will be encouraged. Further progress will be reported from time to time and suggestions and active co-operation are invited.

A. F. F.

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any dates that may have been altered since the last advice.]

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Montreal, Que., March 6, 8 p. m.—Montreal Gardeners' and Florists' Club, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Dayton, O., March 7, 8 p. m.—Dayton Florists' and Gardeners' Association, Y. M. C. A. building. E. E. Schaeffer, secretary, 136 South Main street, Dayton.

Detroit, Mich., March 7, 8 p. m.—Detroit Florists' Club, L. Bemb Floral Co. Henry Foust, secretary, 237 Woodward avenue, Detroit.

Indianapolis, Ind., March 7.—State Florists' Association of Indiana, Oliver Steinkamp, secretary, 3800 Rockwood avenue, Indianapolis, Ind.

Lake Geneva, Wis., March 7.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Chas. Lockwood, secretary, Lake Geneva.

Los Angeles, Calif., March 7, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin street. Hal S. Kruckeberg, secretary, Los Angeles.

Minneapolis, Minn., March 7, 8 p. m.—Minneapolis Florists' Club, usually at 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., March 7, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street, above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., March 7, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Tenth street and Penn avenue. H. P. Joslin, secretary, 7202 Perryville avenue, Ben Avon, Pa.

Washington, D. C., March 7, 8 p. m.—Florists' Club of Washington, 1214 F street, N. W. Clarence L. Linz, secretary, 635 Tenth street, N. E., Washington.

Chicago, March 8, 8:15 p. m.—Gardeners' and Florists' Union No. 10615, 232 North Clark street. Louis Heidtman, secretary, 3641 North Albany avenue, Chicago.

Lenox, Mass., March 8, 7:30 p. m.—Lenox Horticultural Society, Town hall. Lewis Barnett, secretary, care of Allen Winden, Lenox.

Madison, N. J., March 8, 8 p. m.—Morris County Gardeners' and Florists' Society. Edward Reagan, secretary, Morristown, N. J.

Chicago, March 9, 8 p. m.—Chicago Florists' Club, Hotel Morrison, Madison and Clark streets. Guy W. French, secretary, Morton Grove, Ill.

Davenport, Ia., March 9, 7:30 p. m.—Tri-City Florists' Club, house of members. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., March 9, 8 p. m.—New London Horticultural Society, Municipal building. John M. Humphrey, secretary, Municipal building, New London.

Omaha, Neb., March 9.—Omaha Florists' Club, Court House. L. Henderson, secretary, 18th and Douglas streets, Omaha.

St. Louis, Mo., March 9, 2 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2. J. J. Bencke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., March 10, 8 p. m.—Connecticut Horticultural Society, County building, Trumbull street. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young florist and gardener, single, on commercial or private place, good grower of bedding and pot plants. Have best references. Chicago or suburb preferred. Address Key AAA, care American Florist.

Situation Wanted—By florist and gardener with 14 years practical experience in growing all kinds of greenhouse plants and cut flowers, fruits and vegetables, lawns and flower gardens. Prefer private place. Hard worker; single, age 30. Address Key 60S, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas and all kinds of greenhouse stock. All credentials and references. Can commence at once. Please state wages in first letter. Address J. GFEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Wanted to Buy—Retail flower store in live town in Montana, Idaho or Washington. State full particulars in first letter. Address Key 599, care American Florist.

Wanted to Buy—Greenhouses in good condition, with land and dwelling in city of 20,000 population or more, with good retail trade. State price and terms, which must be reasonable. Give full particulars in first letter. Box 136, Newmarket, N. J.

Wanted Catalogues—From florist and nursery firms. Send to PETER NELSON, 1703 Tostiven St., Council Bluffs, Iowa.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner, 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars. LOUIS SCHELTHAAS, Miamisburg, O.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—Retail florist business in Chicago, in high class location, established over five years. A well paying business with a well established trade. Owner going in wholesale business. A florist with \$1500 cash will get a bargain. Key 601, care American Florist.

For Sale—At a bargain. Range of greenhouses consisting of 13,000 square feet of glass, fully stocked with carnations, also young stock in good shape and four acres of ground, partly planted to peonies. Splendid opportunity for right party to secure good paying business in one of Chicago's wealthiest suburbs on the C & N. W. Ry. near the depot and only 35 minutes ride from Chicago. Also have a good retail trade. Will take part cash and balance on easy terms. Hurry. Address Key BBB, care American Florist.

HELP WANTED

Business young Lady—must have some experience in designing and general retail store work, good penman. State wages age, experience and full particulars in first letter. Address Key 611, care American Florist.

I Want To Rent 100,000 Feet Of Glass

near Chicago, planted with cut flowers. State full particulars in first letter. Address

Key 610, care American Florist.

ADVERTISER WANTS TO RENT

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business.

Key 607, care American Florist.

CHICAGO CIVIL SERVICE FLORISTS EXAMINATION

Civil Service Examination for Florist, March 10, 1916, in Washington Park, 57th St. and Cottage Grove Ave., Chicago. Applications, which can be obtained at the Civil Service office personally or by mail, must be filled in that office by 5:30 P. M. of the 9th. The examination will be on subjects directly related to the work, — propagation of plants and flowers, floral display, etc.

Superintendent of Employment, South Park Commissioners.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 3/4 x 5 1/4 inches

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

DREER KENTIAS

GOOD SHAPE GOOD COLOR GOOD VALUES

KENTIA Belmoreana

MADE-UP PLANTS.

A particularly nice lot of plants.

7 in. tubs, 4 plants in a tub, 36 in. high	\$3.00
7 in. tubs, 4 plants in a tub, 38 to 40 in. high	4.00
8 in. tubs, 4 plants in a tub, 40 to 42 in. high	5.00

KENTIA Belmoreana

SINGLE PLANTS

	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 10 in. high ..	\$1.50	\$10.00	\$90.00
3 in. pots, 5 leaves, 10 to 12 in. high ..	2.00	15.00	140.00
4 in. pots, 5 leaves, 15 in. high	4.50	35.00	Each
5 in. pots, 6 to 7 leaves, 18 to 20 in. high			\$0.75
6 in. pots, 6 to 7 leaves, 24 in. high			1.00
6 in. pots, 6 to 7 leaves, 28 to 30 in. high			1.50
7 in. pots, 6 to 7 leaves, 30 to 36 in. high			2.50
7 in. pots, 6 to 7 leaves, 36 to 38 in. high			3.00

KENTIA Forsteriana

MADE-UP-PLANTS

	Each
8 in. tubs, 4 plants in a tub, 38 to 40 in. high	\$4.00
8 in. tubs, 4 plants in a tub, 42 to 45 in. high	5.00
8 in. tubs, 4 plants in a tub, 48 to 50 in. high	6.00
10 in. tubs, 4 plants in a tub, 4 1/2 to 5 ft. high	8.00
10 in. tubs, 4 plants in a tub, 5 ft. high	10.00
12 in. tubs, 4 plants in a tub, 5 1/2 to 6 ft. high	15.00
12 in. tubs, 4 plants in a tub, 6 1/2 to 7 ft. high	20.00
15 in. tubs, 4 plants in a tub, 8 to 10 ft. high	35.00

KENTIA Forsteriana

SINGLE PLANTS

	Height.	Doz.	100	1000
2 1/4 in. pots, 4 leaves, 8 to 12 in.		\$1.50	\$10.00	\$90.00
3 in. pots, 4 to 5 leaves, 12 to 15 in.		2.00	15.00	140.00
4 in. pots, 5 to 6 leaves, 15 to 18 in.		4.50	35.00	Each
5 in. pots, 5 to 6 leaves, 22 to 24 in.				\$0.75
6 in. pots, 6 leaves, 28 to 30 in.				1.00
6 in. pots, 6 leaves, 34 to 36 in.				1.50
7 in. pots, 6 to 7 leaves, 38 to 40 in.				2.00
7 in. tubs, 6 to 7 leaves, 40 to 42 in.				3.00
8 in. tubs, 6 to 7 leaves, 45 to 48 in.				4.00
8 in. tubs, 6 to 7 leaves, 4 ft.				5.00
10 in. tubs, 6 to 7 leaves, 4 1/2 to 5 ft.				6.00
11 in. tubs, 6 to 7 leaves, 5 to 5 1/2 ft.				8.00
10 in. tubs, 6 to 7 leaves, 5 1/2 to 6 ft.				10.00
12 in. tubs, 6 to 7 leaves, 6 1/2 to 7 ft.				15.00
14 in. tubs, 6 to 7 leaves, 7 ft.				20.00



MADE-UP KENTIA

PHOENIX ROEBELENI

We hold the most extensive stock in the world of this popular Palm.

Unquestionably one of the prettiest and most graceful Palms grown, which quickly made a place for itself among the popular standard varieties, particularly so for apartment decorations. We have a splendid stock, and offer:

	Doz.	100	1000
3 in. pots	\$3.50	\$25.00	\$225.00
4 in. pots	6.00	50.00	Each
5 in. pots, 15 in. high, 18 in. spread ..			\$1.00
6 in. pots, 1 1/2 ft. high, 2 ft. spread ..			2.00
7 in. tubs, 1 1/2 to 2 ft. high, 2 ft. spread ..			2.50
8 in. tubs, 2 ft. high, 2 1/2 ft. spread ..			3.00
10 in. tubs, 2 to 2 1/2 ft. high, 2 1/2 ft. spread ..			5.00
10 in. tubs, 2 1/2 ft. high, 3 ft. spread ..			7.50

The above prices are intended for the trade only

HENRY A. DREER, 714-716 Chestnut Street, PHILADELPHIA, PA.

Ft. Wayne, Ind.

Roses and lily of the valley are the only stocks that are not in sufficient supply to take care of the demand. Bright weather has resulted in flowers of better quality in all lines and prices are holding firm. Flowering plants continue to sell well.

NOTES.

W. J. & M. S. Vesey have received a large shipment of orchid plants in several varieties. They have of late been cutting some very fine cattleyas; also good Shawyer, Sunburst and Ophelia roses, for all of which they find a quick market.

The Flick Floral Co. had a special sale of spring flowers February 26 and reports good sales. Elaborate decorations for a wedding also helped to make a busy week for everyone connected with this firm.

Extensive improvements have been made at the downtown store of A. J. Lanternier & Co. The premises have been enlarged, re-decorated and new office fixtures installed. They report brisk business.

Herbert Zurmuehlin, proprietor of the Augur Flower Shop, 114 East Washington street, discontinued business March 1, being unable to secure a renewal of the lease on the premises.

The Doswell Floral Co. has been very busy during the past week. This firm has been cutting some fine sweet peas as well as wholesaling a good cut of single violets.

H. K.

Connecticut Horticultural Society.

A most interesting meeting of this society was held in the County building, Friday evening, February 25. President Hollister succeeded in securing Dr. W. E. Britton, state entomologist at the Connecticut agricultural experiment station, New Haven, to address the members on the "Life History and Habits of Some Kinds of Insects." There were many photographs taken from life and specimens had been secured showing how they get in their deadly work in the vegetable and tree world. The lecturer was given a rising vote of thanks for his instructive address.

Alfred Cebelius, head gardener for Professor M. W. Jacobus, exhibited six pots of Boddington's Matchless cineraria and eight pots of Boddington's cactus flowering cineraria, the group making a fine combination of color. N. Slocombe, of Farmington, displayed a vase of Acacia pubescens, and H. R. Hurd, of the Beach estate, Elmwood, exhibited three fine lemons.

The president named as judges to make the awards, Howard Senf, A. Righenzi, and F. Roulier. The lemons received honorable mention, the acacia a first-class certificate, and the cineraria, a cultural certificate, all of which was ratified by vote.

Friday was unusually stormy and on this account the attendance was small. The meeting to be held March 10, will be "cineraria night."

ALFRED DIXON, Sec'y.

BATAVIA, ILL.—A nearby gas main has caused injury to the stock at the greenhouse establishment of Andrew Anderson to the extent of about \$3,000, leaving him practically without material to carry on his business.

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

PLANT DEPARTMENT

GRAFTED AND OWN ROOT ROSE PLANTS

	2½-in.	2½-in.	Own
	Grafted	Root	Root
	Per	Per	Per
	1000	1000	1000
Russell	\$120.00	None	
Killarney	100.00	\$56.70	
White Killarney	100.00	56.70	
Killarney Brilliant	100.00	56.70	
Ward	100.00	56.70	

	2½-in.	2½-in.	Own
	Grafted	Root	Root
	Per	Per	Per
	1000	1000	1000
Milady	\$100.00	\$56.70	
Ophelia	100.00	56.70	
Richmond	100.00	56.70	
Hoosier Beauty	105.00		
Hadley	105.00		

	2½-in.	2½-in.	Own
	Grafted	Root	Root
	Per	Per	Per
	1000	1000	1000
Cecile Brunner	\$100.00	\$56.70	
Elgar (Special Only)	100.00	56.70	
Francis Scott Key	110.00	63.00	
Fire Flame	100.00	56.70	
Lady Alice Stanley	120.00	73.50	

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Plants	Each
7 inch tubs 3 32-34 inch high	\$ 3.00
8 inch tubs 4 38-40 inch high	4.00
Specimens, heavy,	\$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 16-18 inch high	\$ 4.50
4 inch pots 5-6 16-18 inch high	.40
6 inch pots 6-7 24 inch high	1.00
6 inch pots 6-7 28-30 inch high	1.50
8 inch tubs 6-7 36-38 inch high	3.50
8 inch tubs 6-7 56-58 inch high	6.00
8 inch tubs 6-7 62-64 inch high	7.00

FORSTERIANA MADE-UP PLANTS

Plants	Each
7 inch tubs 3 36 inch high	\$ 2.50
7 inch tubs 4 38 inch high	3.00
8 inch tubs 4 38-42 inch high	3.50
8 inch tubs 4 48-50 inch high	5.00
8 inch tubs 4 52-54 inch high	6.00
10 inch tubs 4 5 feet high	8.00
12 inch tubs 4 60-64 inch high	10.00
12 inch tubs 4 5½ feet high	12.00
12 inch tubs 4 5½-6 feet high	15.00
15 inch tubs 4 6-6½ feet high	\$18@20
Specimens, heavy,	\$35.00, \$40.00.

FORSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high	\$ 4.50
4 inch pots 5-6 18-20 in. high ea.	.40
6 inch pots 6 28-30 in. high ea.	1.00

Leaves	Each
6 inch pots 6-7 34-36 inch high	\$ 1.50
6 inch pots 6-7 38-42 inch high	2.00
7 inch tubs 6-7 40-44 inch high	2.50
8 inch tubs 6-7 5 feet high	6.00
10 inch tubs 6-7 5-5½ feet high	8.00
10 inch tubs 6-7 5½-6 feet high	10.00

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.,	Inch Spread	Each
5 inch pots 15 inch high	20	\$1.00
6 inch pots 18 inch high	24	1.75
7 inch pots 28 inch high	34	2.50
8 inch pots 30 inch high	36	3.50
10 inch tubs 35 inch high	42	\$5@7.50

DIEFFENBACHIA

MAGNIFICA	Each
5 inch...each	\$0.75
6 inch...each	1.00

AGLAONEMA

PICTUM	Each
5 inch...each	\$0.75
6 inch...each	1.00

ARECA LUTESCENS

8 inch tubs, 5 plants, 44-46 in. high.	Each
	\$4-4.50

DRACAENAS

6 inch pots	Each
Dracaena Amabilis	\$1.25
Dracaena Baptilistil	1.25
5 inch pots Dracaena Imperialis	1.25
5 inch Dracaena Terminalis	\$7.50 per doz.
6 inch pots Dracaena Massangeana	1.00

LIVISTONA ROTUNDFOLIA

4-inch pots	Each
	\$0.50 each

ASPIDISTRA LURIDA

5-inch pots	Each
	\$1.00 each



MISCELLANEOUS STOCK

Achyranthes Brilliantissima, 2½-inch pots, \$2.50 per hundred.

Achyranthes Lindenii, 2½-inch pots, \$2.50 per hundred.

Araucaria Excelsa, 4 to 5 tiers, \$1.50 each; 5 tiers, \$2.00 each.

Asparagus Plumosus, 3-inch pots, \$6.00 per hundred; made up in pans and pots, 7-inch pots, \$4.00 per dozen.

Begonia Chatelaine, 2½-inch pots, \$3.50 per hundred; 3-inch pots, \$8.00 per hundred; 4-inch pots, \$15.00 per hundred.

Araucaria Robusta Compacta, 3 to 4 tiers, \$1.50, \$2.00, \$2.50 each.

Asparagus Sprengeri, 2½-inch pots, \$2.50 per hundred.

Coleus, in ten different varieties, 2½-inch pots, \$2.50 per 100.

Crotons, in finest varieties, beautifully colored and well furnished with leaves to the pot, 6-inch pots, 75c and \$1.00 each.

Cyclamen, 4-inch pots, \$3.00 per doz.; 5-inch pots, \$5.00 per doz.; 6-inch pots, \$7.50 per doz.

Pandanus Veitchii, highly colored, 4-inch pots, 35c each; 5-inch pots, 50c each; 6-inch pots, 75c each.

Skimmia Japonica, well berried, \$1.00 each.

Dish Ferns, in 2½-inch pots, \$3.00 per 100; 3-inch pots, \$5.00 per 100. Pteris Albolineata, Pteris Serrulata Cristata, Pteris Cretica Ouvardii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wimmulticeps, Pteris Cretica Cristata, 4-inch Adiantum Cuneatum, \$10.00 per 100.

EASTER PLANTS

Azaleas, all colors, in bloom, from 75c to \$2.50; specimens, from \$3.00 to \$7.50.

Varieties: Mme. Vander Cruysen, Schryveriana, Prof. Wolters, Emp. of India, Emp. du Brasil, Niobe.

Spiraea Gladstone and Queen Alexandra, 50c and 75c each.

Hydrangeas, mostly French varieties, 75c to \$2.00 each.

Easter Lilies, in pots; prices on application.

Rambler Roses, different varieties, 30c to \$1.50 each.

Lily of the Valley in pots, 50c to 75c each.

Hyacinths, in all colors, 4-inch, at 10c each. Hyacinth Bulbs, in pans, 30c, 40c, 50c, 60c each.

SHAMROCKS FOR ST. PATRICK'S DAY

1 and 2-inch, \$3.00 per 100; \$25.00 per 1000. Prices on larger quantities on application.

Roses-Carnations-Sweet Peas

A Heavy Crop Now On

Our Sweet Peas Are All Orchid Flowering Varieties

American Beauties

Per doz.

Extra long stem Specials.....	\$6.00
Medium	\$2.00 to \$4.00
Shorter lengths.....	.50 to 1.50

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

Per 100

Extra long stems	\$10.00
Medium stems.....	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c to 75c

Sunburst, White and Pink Killarney and Hillingdon

Per 100

Extra long.....	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

Per 100

Pink	\$3.00
Fancy Red Belle Washburn....	4.00
Sweet Peas—Zvolanek's orchid flowering	
extra long stemmed stock.....	1.50 to 2.00
Jonquils, Tulips and Daffodils.....	2.00 to 4.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprengerl, per 100	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

L. D. Phone,
Central 1457.

HINSDALE, ILLINOIS.

Chicago.

TRADE STILL VERY QUIET.

Trade at this writing is still very quiet and the report at nearly all the houses is that there is practically nothing doing, consequently stock of all kinds is plentiful with the exception of lily of the valley and good American Beauty roses. Mrs. Chas. Russell roses are plentiful but continue to clean up nicely each day at good prices. Roses in general are in good supply and choice stock is obtainable in quantity lots at reasonable prices. Killarney, Killarney Brilliant, White Killarney and Double White Killarney are seen in large numbers at all the stores and the receipts of the other varieties are steadily increasing. Lilies are much more plentiful, but sweet peas seem to be in good demand, and there does not appear to be any great surplus to speak of. Orchids are in good supply, but clean up well each day. Gardenias are plentiful and there are enough on hand to fill all the orders. Carnations are arriving in larger quantities and very choice stock is obtainable at greatly reduced prices. Some especially fine Belle Washburn, Philadelphia and Washington are included in the shipments and find ready buyers. Tulips, daffodils, jonquils, daisies, pansies, Paper White narcissus and Romans are to be had in quantity, and the same holds good for violets. Greens of all kinds are in good supply. Both the local and shipping demand are very quiet and the sales during the past week have been very discouraging. There should be some New Orleans business next week on account of Mardi Gras, but so far very few advance orders have been booked. The supply houses are having trouble in listing their goods

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

HIGHEST QUALITY

CUT FLOWERS-GREENS

**Roses--Carnations--Freesias
Violets--Valley--Tulips--Lilies
Jonquils--Orchids--Daffodils
Gardenias--Sweet Peas--Etc.**

Absolutely essential stock to the progressive florist desirous of obtaining the best for the least money. Complete line. Try us on any item. Do it today.

Mention the American Florist when writing

where prices are quoted on certain items owing to the supposed scarcity and in nearly all cases cover the situation by using the cut flower phrase "subject to change without notice." The Lenten season starts March 8, but

no one seems to be worrying about dull business then for trade is about as quiet as it can be now, and everyone is of the opinion that another few days will find business much better.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: " 601,

GOOD SUPPLY

BEAUTIES-RUSSELL-OPHELIA

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

Per doz.

Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

Killarney.....
White Killarney.....
Killarney Brilliant.....
Sunburst.....
My Maryland.....
Ophelia.....
Richmond.....
Millady.....
ROSES, our selection.....

Specials.....	Per 100 \$10.00
Select.....	8.00
Medium.....	6.00
Short.....	5.00

\$4.00

MRS. CHAS. RUSSELL

Per 100

Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	4.00
" good.....	2.00 to 3.00
Harrisii.....per doz.,	\$1.50 to \$2.00
Sweet Peas.....	1.50 to 2.00
Valley.....	\$4.00 to \$5.00
Violets.....	.75 to 1.00
Smilax.....per doz. strings,	\$2.00
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	.50c to .75c
Ferns, per 1000.....	\$3.00
Boxwood.....per bunch,	25c
Galax, bronze and green...per 1000,	\$1.00
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

M. Weiland, of Evanston, had a narrow escape from being seriously injured Monday morning, February 28, when he was passing in front of Winterson's seed store and a piece of glass fell from the third story window, striking him on the head. Fortunately, Mr. Weiland had a heavy cap on, otherwise the injury would have been more serious, for as it was the gash was quite large and it was necessary for him to have medical treatment right away.

Thos. Heaven, of Benton Harbor, Mich., was in the city this week buying stock for his new retail store that he will open in that city in the near future. He has 10,000 feet of glass devoted to miscellaneous stock, and ships quite a large quantity of adiantum to this market. Mr. Heaven reports business as good, and his many friends wish him every success in his new undertaking.

Bassett & Washburn are more than pleased with the demand for Belle Washburn carnation cuttings, and received an inquiry this week from a subscriber of THE AMERICAN FLORIST from far away Japan, who is very much interested in carnations and seems to be particularly impressed with their variety as described in their advertisements.

Herman Schiller reports business as good at Schiller's north side store and he is making preparations for the spring trade. He has a large number of window boxes already on hand, and expects that the demand for them will be better than ever this season.

L. Hoeckner will have a flower booth at the Coliseum when the medal winners at the Panama-Pacific exposition will be on display. It will be understood that Stogie's Hoop-a-la girls will help him out at the booth, which is sure to be an added attraction.

Supplies---Cut Flowers

Owing to the fluctuating prices on certain items in the supply line we will be unable to issue a catalog that will cover the situation at present, so we will only be able to quote you prices subject to change, but if you wish to entrust us with any orders you can depend upon our honesty to treat you right. Try us today.

In cut flowers we have a nice line of roses including Sunburst, Killarney, White Killarney and Richmond. Also Carnations, Violets, White and Yellow Narcissus, Stocks, Daffodils, Jonquils, Sweet Peas, Tulips, Galax, Ferns, etc.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

CHICAGO, ILL.

GREEN

Cyaceine Flower Coloring for St. Patrick's Day

We have handled this coloring for the past two years and find it to be the most satisfactory green coloring in the market and have never known it to injure flowers in any way, not even destroying their fragrance.

We offer this to you at 50c per package (enough for one or two quarts and will color from 100 to 300 carnations) or three packages for \$1.25, postpaid.

Special discounts on large quantities.

It is impossible to get any more coloring imported, therefore order early.

A. T. PYFER & COMPANY, 30 E. Randolph St., Chicago, Ill.

M. A. Leganger, of the A. L. Randall Co., celebrated his eleventh birthday February 29. Some of his friends cannot believe he is really 44 years old, for he is still young in appearance and looks more like a man in the twenties than in the forties.

D. F. Simonds, of the Ogden Floral Co., is troubled more or less with rheumatism, but is on the market every

day, notwithstanding the fact that his left hand is still badly swollen.

O. A. & L. A. Tonner are now comfortably located in their new store and are handling a larger supply of cut flowers than before and are showing a complete line of supplies.

A. E. Turner, with Rosin & Turner, Mosinee, Wis., called on the wholesale trade here this week.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$2.00 Good...100, \$1.50 Split...100, \$1.00

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50- 3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprenger.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

A. L. Vaughan, wife and daughter Thelma left February 29 for Cairo where they boarded the palatial steamer Colonel Conway for a trip down the wonderful Mississippi river for New Orleans, La., where they will attend the Mardi Gras and Mr. Vaughan will call on the trade. They will stop at Memphis, Vicksburg, Natchez, Baton Rouge and other ports, and are due to arrive in the southern city March 5. A moving picture operator will take pictures of the guests on the boat and on the shore, and these will be exhibited on the up-trip as an extra entertainment. They will visit relatives and friends at Monroe, La., and Clarkdale, Miss., while they are away, and will return home by rail, reaching here about March 15. The A. L. Vaughan & Co.'s store will be in good hands while the proprietor is away, and Miss Paradise will look after the office and William Johnson the store, and he will be ably assisted by his right-hand man, Peter Hoefelder.

Julius Schnapp arrived from Seattle, Wash., this week, and is now with the Alpha Floral Co., where he is ably assisted by his daughter Elsie, who is a very efficient saleslady. Mr. Schnapp has been with several of the leading stores in the west for the past five years, and was recently with the Hollywood Gardens. He needs no introduction to the local trade, for he was located here for many years and is a valuable addition to the Alpha Floral Co.'s staff. Gus Pappas, of Des Moines, Ia., a member of the firm, has been here for nearly a week, but has been on the sick list for the greater part of the time and was obliged to stay indoors. He is feeling much better at this writing and will be able to be about again soon.

Zech & Mann received a postal this week from Fred Haupt, of Louisville, Ky., who is enjoying a well-earned rest at Habana, Cuba. Mr. Haupt writes that Habana is a great place but is greatly lacking in flowers. Allie Zech and wife and Matt Mann will attend the annual convention and exhibition of the State Florists' Association, to be held in Moline, March 7-8. This firm received a large palm leaf from one of their customers in Florida the other day which measured fully 15 feet in length, and is on exhibition in A. Lange's window display.

Wietor Bros. are cutting more stock now than they have for a long time, and one shipment this week consisted

BUYERS!! ATTENTION!!

Fancy Fresh Double Violets, \$4.00 per 1000.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

L. D. Phone, Central 3067.

of 20 large boxes of roses and carnations. This firm has a new seedling carnation of a beautiful salmon pink color that looks very promising and is attracting much favorable attention in the market. N. J. Wietor calls attention to the magnificent Philadelphia carnations that they are now cutting and there is no question but it is one of the most desirable pinks obtainable in the market just now.

Peter Duris opened a new store at 132 North State street, February 26, and is well pleased with the amount of business that he has already done. Mr. Duris is the same gentleman that owns the Central Floral Co., at Detroit, Mich., and is well and favorably known in the local market.

A. E. Hunt & Co. have a nice stock of Chicago White and Etoile d'Or daisy plants in two and two and one-half inch pots ready for wholesale purposes and report a good demand for same. Both varieties are good sellers in this market, and they grow them on a large scale for cut flower purposes.

Otto N. Stein, manager of the landscape department of the George Wittbold Company, is a pretty busy man these days and is looking forward to a banner season. The Wittbold Co. is splendidly equipped to handle large jobs and always has plenty of work to keep the regular force busy.

Otto Snider, 550 North Clark street, was shot and wounded February 24, when a burglar entered his store and was surprised as he was ransacking the place. He was wounded in the right leg and was taken to the Passavant Hospital, where he is recovering. His assailant escaped.

Wm. K. Kotshonis, proprietor of the store doing business under the firm name of the White House Florists at 140 South Wabash avenue, has a very attractive address tag in purple and white that sort of puts a finishing touch to each one of their packages before it is sent out.

J. A. Budlong is cutting a good supply of Double White Killarney roses, which Manager Schupp firmly believes

Original St. Patrick's Green Carnation Absorber

Enough powder to make one
to two quarts of fluid50c

Enough powder to make two
to four quarts of fluid\$1.00

Absolutely the best. Satisfaction guaranteed or money cheerfully refunded.

ERNE & KLINGEL

30 E. Randolph St., Chicago.

is the best white that his firm has grown for many years. Lily of the valley is still in brisk demand and the receipts clean up at an early hour each day.

At A. T. Pyfer & Co.'s store the receipts of roses are much larger now and they are also handling large quantities of fancy carnations. The shipping trade has kept up well and new customers are constantly being added to their list.

Chas. Erne, of Erne & Klingel, is still in the hospital, but is well on the road to recovery and Fred Klingel expects that it will be only a short time before he will be able to pay him a visit at the store.

The A. L. Randall Co. is using the third floor of the Le Moyne building for manufacturing purposes, and an inspection of same will give one a little idea of how much of its own stock the firm really turns out.

Kyle & Foerster continue to have a brisk demand for Khlem's novelty tulips, which are seen featured in the window displays of many of the leading stores.

Kirscht Bros., of Morton Grove, have two houses devoted to their new Windsor colored Enchantress carnation, which they will disseminate next season.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Tremendous Supply

Roses, Carnations, Tulips, Lilies, Etc.

Exceptionally Fine Stock that will carry splendidly on long distance shipping orders. Try us.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long Stems		\$6.00
36-inch stems	\$ 4.00 to	5.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium	10.00 to	15.00
Short	8.00 to	10.00

ROSES.		Per 100
White Killarney...		
Killarney		
Killarney Brilliant.	Special	\$12.00
Ward	Fancy	10.00
Sunburst	Medium	8.00
Ophelia	Short	\$ 4.00 to 6.00
Maryland		
Richmond		
Milady		

Roses, our selection		5.00
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CARNATIONS, select	Per 100	\$ 1.50 to \$2.00
" fancy		3.00

MISCELLANEOUS.		Per doz.	Per 100
Cattleyas	per doz.,	\$7.50	
Valley		\$ 4.00 to \$5.00	
Violets .....		.50 to 1.00	
Freelias		3.00 to 4.00	
Paper Whites		2.00 to 4.00	
Romans		2.00 to 4.00	
Tulips		2.00 to 4.00	
Lilies	per doz.,	\$1.50 to \$2.00	
Callas	per doz.,	2.00	
Sweet Pens		1.50 to 2.50	
Smilax	per doz.,	\$1.50 to \$2.00	
Adiantum		1.00	
Asparagus Strings	each,	75c	
Asparagus Plumosus, per bunch		35c to 50c	
Fancy Ferns	per 1,000,	\$2.50	
Wild Smilax	per case,	5.00	
Boxwood	per lb., 25c; 50 lbs.,	7.50	
Leucothoe Sprays .....		.75	
Mexican Ivy .....		.75	

John Michelsen, of the E. C. Amling Co., says that he has never known a time when roses sold as cheaply at this time of the year as they did last week, which means that the lull which usually follows the holidays did not set in until now, owing to the extreme scarcity of stock. This house is receiving a good supply of short and medium stemmed Mrs. Chas. Russell roses. A. C. Kohlbrand will represent the firm at the annual convention and exhibition of the state florists' association at Moline next week.

Poehlmann Bros. Co. is in good crop with everything, and some very choice orchids, gardenias, roses and carnations are now being received in quantity. Trade in the supply department is good and the demand for miscellaneous blooming and decorative plants at Morton Grove is very brisk. Young grafted and own root rose stock is moving freely and the demand continues to keep up, with nearly every mail bringing in new orders.

There will be a civil service examination for florist, March 10, in Washington park, Fifty-seventh street and Cottage Grove avenue. Applications, which can be obtained at the civil service office personally or by mail, must be filed in that office by 5:30 p. m., March 9. The examination will be on subjects directly related to the work, propagation of plants and flowers, arranging of floral displays, etc.

Percy Jones never handled such a large supply of miscellaneous bulbous stock as this season, and while trade in general has been quiet Manager Van Gelder never complains of dull times, and says that trade since January 1 has been much better than he expected it would be.

The McNeff-Swenson Co., 608 South Dearborn street, has samples ready of its handsome new Easter folder which is very appropriate for the occasion

REED BASKETS

For four, five and six inch pots. Stained in all the desired colors, Green, Brown, etc.

2 DOZEN FOR \$6.00

The same assortment mentioned above in the Two-Tone and Bronze finishes, \$8.50.

ORDER TODAY.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.

and will be mailed to anyone in the trade upon request in territory where their service is not already contracted for. L. D. McNeff has just returned from a successful business trip in the east, where he called on the leading florists in the larger cities.

Louis Kalous, of Summit, who does business at that place under the name of Bethania Florist, was a visitor at the Raedlein Basket Co.'s salesrooms this week. He succeeded M. Panzgraf and is making preparations to handle a brisk spring trade.

The Garland Manufacturing Co., of Des Plaines, has delivered all the ma-

terial for the new Stielow greenhouses at Niles Center, the output of which will be consigned to the Chicago Flower Growers' Association as before.

John Sinner, of Sinner Bros., says that collections are very poor, but he looks for a betterment of conditions soon.

The Chicago Florists' Club will meet at the Hotel Morrison, Thursday evening, March 9, at 8 p. m.

Hoerber Bros. are offering about as fine a grade of snapdragons as one can find in the market.

Joseph Ziska & Sons have added another Ford to their delivery system.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Mention the American Florist when writing

Peter Reinberg is in good crop with Sunburst and Mrs. Chas. Russell roses, which are in good demand, even though trade in general is quiet. Mr. Reinberg, president of the Board of County Commissioners, is president of the forest preserve commission, which has just been upheld in the supreme court. The new municipal corporation which will spend \$15,000,000 annually in an outer park belt to fringe the city with woodland to be held forever against encroachment. As president of the preserve district, an office without additional salary, Mr. Reinberg has announced his intention of forming a small Cook County plan commission patterned after the Chicago Commission. The object is a systematic plan for the outer park belt which will eventually take in all the natural forest in the county. One of our first steps will be to acquire the woodland property that borders on lakes and rivers. One of the objects of the formation of the district is preservation of the scenic beauty of the country and the protection of the forest growth for the education and recreation of the public.

R. T. Brown, with the Cottage Gardens Co., Queens, N. Y., passed through the city this week on his way home from Eureka, Calif., where he has been spending some time with C. W. Ward.

Kansas City.

BUSINESS VERY SATISFACTORY.

Market conditions have changed very little since our last report, with the exception that bulbous stock is becoming more popular every day and some very fine jonquils, tulips and hyacinths are to be seen. Carnations are good in quality and plentiful, as are Easter lilies, and fine home-grown violets, sweet peas, mignonette, freesias and lily of the valley are also among the offerings that move well. Roses are not up to standard. Pot plants still enjoy a good call and some fine specimens are to be had in rhododendrons, azaleas, lilacs, spireas, cyclamens and bougainvilleas. All of the local florists are making active preparations for Easter trade.

NOTES.

H. Kusik & Co. are handling fine home-grown carnations in quantity. Excellent jonquils are also to be seen

here. The rose supply has shortened somewhat. Orders from the West for wire work and supplies are the best in the history of this firm.

W. J. Barnes is bringing into bloom some very fine plants of lilac, spirea, cyclamen, cineraria, deutzia, rhododendron and roses. These will be used in the near future for a decoration. His bulbous stock is also coming along in good shape.

The W. L. Rock Flower Co. is showing some extra fine Butterfly sweet peas and some excellent bougainvilleas. They are also bringing in good Easter lilies. They report a good week of funeral work and a good demand for pot plants.

T. J. Noll & Co. are doing a heavy business, both in cut stock and supplies. Good jonquils, roses and carnations are seen at this establishment among other offerings.

The Geo. M. Kellogg Flower & Plant Co. reports that pot plants and cut stock is shortening up at the greenhouses. Funeral work has been very good.

Chas. Biedermann & Son report good business, with a heavy demand in funeral work. Their plant stock for Easter is coming on in fine shape.

Arthur Newell reports the best week in funeral work since he has been in business. Both the city and out-of-town demand was exceptionally good.

The Peterson Floral Co. is featuring some excellent stocks of primroses, cinerarias and azaleas. Trade is also picking up in bulbous stock.

The Rosery is featuring fine pans of bulbous stock. They are planning extensively for Easter, and anticipate a heavy spring business.

A. F. Barbe reports a good trade. He is preparing to start his new house about March 10, and is preparing for a good spring trade.

August Luther, Jr., is disposing of some good pot stock at his greenhouses. Business in general is good.

The Costello-Moore Floral Co. reports good sales in bulbous stock. Funeral work is also good.

The Alpha Floral Co. is kept busy with funeral orders, large designs being a daily feature.

Visitor: M. Nugent, of the Stuppy Floral Co., St. Joseph, Mo.

E. J. B.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...\$10.00 to \$15.00

Ophelia.....

Sunburst.....Long.....8.00

Killarney.....Medium \$5.00 to 6.00

W. Killarney...Short.....4.00

Kill. Brilliant..

CARNATIONS, De Luxe.....3.00

Select.....2.00

Miscellaneous

Jonquils.....\$ 2.00 to \$4.00 per 100

Daffodils.....3.00 to 4.00 per 100

Freesias.....2.00 to 3.00 per 100

Lilies.....10.00 to 12.50 per 100

Lily of the Valley, \$4.00- 5.00 per 100

Violets, double, \$0.50 to 1.00 per 100

Sweet Peas.....1.50 to 2.00 per 100

Paper Whites...3.00 to 4.00 per 100

Tulips.....3.00 to 4.00 per 100

Ferns.....3.00 per 1000

Asparagus.....bunch, 35c to 50c each

Sprengeri.....bunch, 25c to 35c each

Galax.....\$1.00 1000

Mexican Ivy.....75c per 100

Boxwood.....large bunch, 25c each

Subject to Market Changes.

Cincinnati.

FAIR SUPPLY AND MODERATE DEMAND.

Business is fair. The call for stock, while not particularly active, is steady and serves to take up nearly all the receipts in most lines. Roses are excellent and in a little heavier supply than at the last writing. Only short American Beauties are available, but these may be had in larger quantities. Carnation receipts are not near so heavy as they were. Easter lilies, callas and rubrums are all fairly plentiful. Sweet peas have met with an active market. Bulbous offerings include tulips, Dutch hyacinths, jonquils, daffodils, poeticus and freesias. Excellent lily of the valley and orchids may be had. Other offerings include violets, snapdragon, marguerites, mignonette and forget-me-nots. The supply of greens is sufficient for present needs.

NOTES.

Max Rudolph, president of the local florists' society, died suddenly of heart failure at his home on College Hill, Tuesday evening, February 22, at the age of 52 years. He had been out in his greenhouses and had returned to his home when the summons came quickly and with scarcely any warning. He was born in Germany, and at the age of 18 came to this country. In 1891 he opened his store on Twelfth street and nine years later built his greenhouse plant on College Hill. Under his able guidance and hard work, the business became very successful. At the time of his death he was a member of the following organizations: the Cincinnati Florists' Society, the S. A. F. & O. H., the Cuvier Press Club, and the German Pioneer Society. His widow and one son, Roy, survive him. After the funeral services on Friday, the remains were cremated.

Theodore Cobb, of the D. M. Ferry Co., Detroit, Mich., gave a dinner at the Cuvier Press Club, February 23, to his customers and friends in this city and vicinity. In an interesting talk he told of the seven hundred acre trial farm of his firm. The guests present decided to organize a permanent club for social purposes for the seedsmen of this vicinity.

The Shoemaker Seed Co. is now located in its new quarters, 441 Main street.

C. E. Critchell has been having some very fine lily of the valley and orchids.

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

Heavy Supply of the Most Popular Roses—**Russells, Ophelia, Sunburst, Double White Killarney** in the short and longer stemmed grades. Also plenty of **Pink Killarney, Killarney Brilliant, Richmond, Milady and Wards.** Orchids, Snapdragons, Lilies, Valley, Daffodils, Violets, Sweet Peas, Freesias, Tulips, Jonquils, Harrisii, Callas, Daisies, **AND ALL OTHER CUT FLOWERS AND GREENS.**

Heavy cuts of Carnations received daily. Special prices on quantity lots
You can increase your profits and business
by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

R. D. Ruttle has been on the sick list for several days.

Visitors: John Evans and Jos. Hill, Richmond, Ind.; Mrs. Buck, Washington, O.; E. F. Farncourt, representing the S. S. Pennock-Meehan Co., Philadelphia, Pa.; W. J. Cox, representing the Sefton Mfg. Co., Chicago, and Mr. Jansen, Washington, O.

H.

Minneapolis.

OVERSUPPLY OF BULBOUS STOCK.

Market conditions are not overly encouraging as the bulbous stock which is now arriving in large quantities is being offered at exceptionally low prices, quotations varying from one and one-half to three cents. Violets are plentiful at from 50 cents to \$1 per 100. Roses are in better supply and prices vary from four to 12 cents. Carnations are plentiful, splits selling at \$1 per 100, and Rosette and Philadelphia at four cents. Mignonette, sweet peas and daisies are in supply equal to requirements and green goods are plentiful.

NOTES.

The Minnesota State Florists' Association held its regular meeting at the Nicollet hotel, February 15, an interesting feature of the occasion being an address by E. J. Lee, an attorney, who spoke on laws that would be of benefit to the florist trade. Mr. White of the Retailers Jewelers' Association discussed ways to improve the retail business in all lines. Both speakers were heartily thanked by President Desmond. Hugh Will exhibited a vase of Philadelphia and Rosette carnations which were awarded a diploma. L. S. Donaldson Co.'s greenhouses made a fine showing of Formosum lilies on a single stem which stood five feet high and car-

ried 28 buds and flowers. Merriam Park Floral Co. staged a quantity of fancy bulbous stock for which a diploma was awarded. Following the judging the flowers were presented to the hotel management. All of the members were urged to make a good showing in attendance at the dance of the St. Paul Florists' Club, March 7.

Donaldson's bowling team defeated Rice Bros. team two games out of three at the Elks' alleys, February 24. "Cap" Desmond is wearing the "smile that won't come off."

W. D. Desmond is to charter a special car to take the local aggregation to the dance of the St. Paul Florists' Club, March 7. Be sure and be one of the party.

H. B. Whitted has started an extensive advertising campaign in the daily press, calling attention to flowers in season and the quality of service rendered.

Hans Rosacker is sending in some fancy roses, his offerings of Milady and Richmond being especially fine.

The Minneapolis Floral Co. is disposing of large quantities of young stock. The condition is fine.

Thomas Lynes has been on the sick list the past week with a severe attack of lumbago.

T. C. R.

Tri-City Florists' Club.

A special meeting of the Tri-City Florists' Club was held at Turner hall, Moline, Ill., with only one member absent, the good attendance due, no doubt, to the near approach of the annual meeting and exhibition of the Illinois State Florists' Association, March 7-8. A. Anderson, recent benedict, received the hearty congratulations of the members present.

Harry Bills called the meeting to order, and in addition to other business connected with the state meet, the entertainment committee outlined a route of sight-seeing in automobiles for those in attendance at the annual meeting, the route covering points of interest from Moline, across the Government Island, if permit can be obtained, to points of interest in Davenport, Davis Garden, Bettendorf and Rock Island, where lunch will be served at Ludwig Stapp's, and back to Moline, including stops at the various parks and greenhouses.

Two new members, J. W. Davis and Frank Davis, were elected to membership. The following committee was appointed to meet delegates at the 1:50 p. m. Rock Island route train: A. Anderson, Wm. Knees, Sr., Ludwig Stapp, H. Pauli, H. Bills and C. J. Reardon.

WM. Goos, Sec'y.

Oklahoma City.

Trade in all branches continues to be very satisfactory. The social side of the business seems to have developed great activity during the last week. Furrow & Co. report that there has not been a day that they have had less than two or three decorations and the Stiles Co. has had a similar experience with that kind of work. There is also a big call for flower seed, shrubbery and decorative stock for out-door planting. The mayor of the city has offered a prize of an automobile to the child who produces the most, in money value, from a city lot, and from present indications, it would seem that every vacant lot in the city is going to be a truck garden this summer.

The rose, Ophelia, is said to be the best rose ever shipped as a cut flower to this city; it travels without receiv-

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

ROSES==CARNATIONS==VIOLETS==SWEET PEAS==ETC.

Everything Seasonable--Prices Reasonable.

ing a blemish in the way of a bruised petal. Its color is such as to make it one of the best sellers, and it is a splendid keeper.

The State Civic Improvement Association is furnishing plans and material for a demonstration garden in Wheeler Park. The park department is to furnish the labor.

On March 1, the Stiles Co. opened a branch store in "Kerr's", one of the big department stores of the city.

S. S. B.

Milwaukee, Wis.

MARKET CONDITIONS UNCHANGED.

Market conditions during the past week were much the same as the week previous, the exception being that the call for stock suitable for funeral work showed an increase over that of last week. Roses are more plentiful and the grade is A1. In the carnation line, the majority of splits are Enchantress with red and white following in rotation. Sweet peas are more plentiful and some fine stock is seen.

NOTES.

Wm. R. Schroeder, president of the Milwaukee Florists' club and C. C. Pollworth as a committee of two, attended a meeting of the Wisconsin state fair board at Madison, February 24. From reports the fair officials took kindly to the proposition of our committee in regards to suggestions relative to state fair matters and much good undoubtedly will follow.

While trying to crank his Buick automobile, February 22, the machine backfired and H. V. Hunkel had the misfortune of breaking his right wrist. This, however, does not hinder him from attending to business as before.

Alex Klokner had the decorations for the annual Bachelor club ball at the Deutscher club last week. From reports it was up to the high standard of the last few seasons.

J. Seal, reported sick last week, is again attending to his duties.

E. O.

St. Louis.

AMPLE SUPPLY BUT WEAK DEMAND.

Business during the past week was rather quiet. Good stock of all kinds was plentiful but the demand was weak, and where the better grades were moved at sacrifice prices, the other offerings suffered in proportion. Roses, carnations, sweet peas and violets are seen in quantity, and while the prices on carnations have inclined downward, quotations on roses hold firm. Some very fine hyacinths are now to be had, but the supply cleans up quickly. Pot plants are plentiful. The wholesalers are very well pleased with the stock that is coming into the market.

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway, Los Angeles, Calif.

NOTES.

The Eggeling Floral Co. reports a very busy week, there being an unusual demand for funeral work. Mrs. Eggeling's window displays are always attractive features at this establishment.

Fred W. Bruenig, a pioneer in the trade in this city, died February 25. His widow and four children who survive, have the sympathy of many friends in their bereavement.

John Steidle, of Olivette, Mo., finds a quick market here for his roses, carnations and snapdragons. All are of A1 quality and move as soon as received.

A. Jablonsky, of Olivette, Mo., is sending in some very fine carnations. They arrive on the market in splendid condition and are always in demand.

The Bourdet Floral Co. is showing some very fine pot plants, especially noteworthy being hyacinths, azaleas, tulips, cyclamens and primroses.

The flower department of the Scruggs-Vandervoort-Barney Co. had a clever window display last week that attracted much attention.

Robert Winkler has been buying rubber plants and has accumulated some very fine stock.

J. E. H. S.

Nashville, Tenn.

TRADE CONDITIONS SATISFACTORY.

While there has been a good general run of business the past week it can not be said to have been either dull nor brisk. We have had some bad weather, which is a good thing; as it has been considerably colder and will hold back outdoor vegetation to its great advantage. Roses are still scarce, there being practically no American Beauties and very few Killarneys. Aaron Ward is blooming to some extent and Ophelia filling what would otherwise be a decided deficit in the rose supply. Carnations are large and handsome and are plentiful, which helps out a great deal. Violets are still abundant and lily of the valley is in good supply. Sweet peas, too, are plentiful. There are many lilies, both callas and Harrisii, and these are very serviceable in funeral work, of which there is plenty all the time. There are still good plant sales and fine stock to choose from in all the seasonable varieties.

The display of seeds in the stores heralds the near approach of spring and the gardening season. From the supply laid in, the florists evidently expect a large trade. Sales on the fancy blue-bird china bowls and the stem holders have been brisk, some firms having ordered several times and sold out. The near approach to the lenten season brings no dismay to the florist's heart in this city, for it is not universally or even very generally observed, and the social world moves on very much as it does at other seasons, always, however, looking forward to a glorious Easter.

Geny Bros. have fine Easter and calla lilies, lots of violets, sweet peas and lily of the valley.

The Joy Floral Company has a fine supply of Ophelia roses and splendid carnations.

M. C. D.

Los Angeles.

BUSINESS BACK TO NORMAL.

Business is normal again after the heavy rains, the wind and the frost, and the trade are now able to depend upon their regular supply of stock. Roses are improving and carnations are plentiful and good. Many of the florists are becoming interested in novelties and planning to increase sales by catching the eye of the tourist as well as the regular customers. The usual business in orange blossoms is on the gain and eastern shipments are being made to quite an extent.

NOTES.

John Lewis Childs, of Flowerfield, N. Y., the well-known grower, was a recent visitor. He called on the local trade, although on a pleasure trip.

The Darling Flower Shop have a novelty in the way of Shasta daisies, hand tinted in red and blue. They are beautiful as well as novel.

The Redondo Floral Co., in addition to a supply of fine Victory carnations, displayed fancy Radiance and Sunburst roses this week.

J. W. Wolters is specializing on novelties. He is well supplied with an unusual variety of flowers.

Morris & Snow Seed Co., Inc., report the largest sales in both seeds and plants in many years.

G. H. H.

CHICAGO, ILL.

JOSEPH FOERSTER

CHICAGO

CHICAGO, ILL.

Wire Designs and Wholesale Florists' Supplies

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$6.00	\$50.00
Alice—salmon shade.....	6.00	50.00
Chas. Siegwald.....	5.00	40.00
Enchantress Suoreme—Light Salmon.....	3.50	30.00
Philadelphia—Rose pink.....	3.00	25.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	3.00	22.50

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD SUPPLY BUT DEMAND WEAK.

Palm Beach and Atlantic City seem to have captured a goodly share of the business that was looked for and expected the past week; at least, the stores complained that the demand was not at all as it should be for the last weeks of the social season. There is an abundance of stock. Roses, in all varieties, with the exception of American Beauties, which are now so scarce that they are but an annoying factor, are in full supply with a softening of prices, which, however, hold very well considering the supply and light demand. Carnations are very good and move fairly well. Sweet peas are well to the front, a sunny day or two bringing them forward in great form. Some extra fine stock from eastern growers was seen this week. Easter and calla lilies are much more plentiful with a corresponding fall in price. Violets do not sell as well as in former years. Ward and Sweetheart roses, cattleyas, and sweet peas push them hard as a corsage flower, for which purpose they had the field to themselves for a very long time. Lily of the valley is still scarce and likely to remain so the balance of the season.

NOTES.

The most interesting event of last week was the wedding of Miss Grace Battles, daughter of H. H. Battles, to George Burgess Yerkes, of Plainfield, N. J., which occurred February 23 in the Holy Trinity church. The decorations were elaborate, but rich and beautiful in their simplicity. The chancel was banked with cibotium ferns. Rising at intervals from this background were six large gilt vases surmounted by large globe-like formations of spring flowers. These were filled in solid spots of color, bunches of tulips, sweet peas, daffodils, Easter lilies and here and there clusters of immortelles in separate colors, blue, yellow and white, all combining to produce a color effect which seemed a golden tone. Two very large, enameled, white garden vases at the front of the chancel were set high and filled with long stemmed callas and cibotium fronds. A garland of cattleyas was curved around the front. The front chancel rail was also banked with Easter and Japanese lilies, sweet peas, tulips, etc. The front of the gallery was festooned with heavy strands of laurel with large sprays of daffodils in the full part. The main aisle was a conspicuous feature, being decorated the entire length with artistically arranged sprays each composed of 18 Easter and pink Japanese lilies. These were tied to the pew ends with bows of light blue satin ribbon 10 inches in width. There were four yards in each bow, the lower ends and loops being fastened to the pew ends with glass push pins. From the front of the church the whole effect was very fine and one of the finest decorations ever seen in the church. The bride carried a bouquet of cattleyas and lily of the valley, while the maid of honor and maids had fur trimmed satin muffs ornamented with cattleyas.

The meeting of the local committees of the flower show, held February 29, was the best attended and most en-

Wholesale Flower Markets

	BOSTON, Mar. 1.	Per 100
Roses, Beauty.....	40 00	60 00
" Killarney Queen.....	4 00	16 00
" White and Pink Killarney.....	4 00	16 00
" Double White Killarney.....	4 00	16 00
" Killarney Brilliant.....	4 00	20 00
" Hadley.....	6 00	25 00
" Cardinal.....	6 00	25 00
" Mock.....	8 00	35 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	6 00	12 00
" Milady.....	6 00	12 00
" Ward and Hillingdon.....	2 00	6 00
" My Maryland.....	50	5 00
Cattleyas.....	35 00	50 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	1 50	2 00
Carnations.....	1 00	2 00
" select.....	2 00	3 00

	BUFFALO, Mar. 1.	Per 100
Roses, Beauty, No 2.....	5 00	12 00
" Killarney.....	6 00	12 00
" White Killarney.....	5 00	12 00
" My Maryland.....	5 00	12 00
" Killarney Queen.....	6 00	12 00
" Richmond.....	6 00	15 00
" Sunburst.....	6 00	12 00
" Ward.....	4 00	6 00
" Taft.....	5 00	12 00
" Ophelia.....	8 00	15 00
" Francis Scott Key.....	8 00	15 00
" Shawyer.....	6 00	15 00
" Bon Silene.....	3 00	4 00
Lily of the Valley.....	4 00	5 00
Lilies.....	10 00	12 00
Cattleyas.....	40 00	50 00
Carnations.....	1 50	3 00
Snappedragons.....	6 00	10 00
Violets.....	50	60
Yellow Tulips.....	2 00	3 00
Daffodils.....	2 00	3 00
Freesias.....	2 50	4 00
Asparagus Sprengerii.....	35	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00

	CINCINNATI, Mar. 1.	
Roses, Beauty.....	per doz., \$1 50	\$5 00
" Killarney.....		Per 100
" My Maryland.....		3 00
" Richmond.....		3 00
" Taft.....		3 00
Lily of the Valley.....		4 00
Lilium Giganteum.....		8 00
Asparagus Plumosus.....	per bunch, 25c	12 50
Orchids.....	per doz., 6 00	7 50
Carnations.....		2 00
Rubrum Lilies.....		3 00
Double Violets.....		35
Narcissus.....		2 00
Sweet Peas.....		50
Daffodils.....		2 00
Jonquils.....		2 00
Hyacinths.....		4 00

thusiasm of any held so far. Very good reports were made by the various chairmen of the work in their charge. The feature committee, through Chairman Grakelow, reported all arrangements for the daily wedding procession were perfected. It will be a great feature of the show. Chairman Therkildson of the publicity committee gave further evidence of his great ability as an advertising man in his detailed account of the various schemes now in operation or contemplated. The Chamber of Commerce Journal, in its February number, contains much about the show, together with fine illustrations. Blue and white pennants, advertising the show, are now seen on all florists' and many other autos. Five hundred dollars was appropriated for the purposes of the tea garden to be attended to by society ladies and made a fea-

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

'WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

ture, the proceeds to be devoted to some charity. The picture gallery, frames containing examples of floral art in arranged vases, sprays, etc., such as artists try to copy or create with their brushes, will be seen of real flowers, and all the accessories that go to make a perfect picture.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney,
Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

The flower show preparations are coming along by leaps and bounds, especially in the publicity department. Chairman Therkildson seems to have hypnotic powers, as in his wonderful way he is getting pages of notices from the best papers and entire special supplements and sections are to be used when the show opens. Under his direction this show will receive better and more publicity than any exhibition of any kind that has ever been held in this city.

Everyone who was fortunate enough to be there, remembers the wonderful display of carnations at the February meeting of the florists' club, and they will be glad to hear that this is likely to be eclipsed at the next meeting, Tuesday, March 8, when the sweet pea exhibits are all in place. All the noted growers of sweet peas in the east have promised their best, and this with the address of Howard M. Earl, will make this one of the club's greatest meetings.

The first finished copy of the rose annual of the American Rose Society was sent to President S. S. Pennock. It is a triumph of the printer's art, with its elegant color plates and splendid half-tone work. Many valuable ar-

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Mar. 1.		Per 100
Roses, Beauty, extra.....	50 00	@65 00
" first.....	20 00	@35 00
" Mrs. Chas. Russell.....	8 00	@15 00
" Killarney.....	3 00	@10 00
" White Killarney.....	3 00	@10 00
" Liberty.....	5 00	@15 00
" Hadley.....	8 00	@12 00
" Sunburst.....	4 00	@12 00
" Ophelia.....	5 00	@12 00
" Hoosier Beauty.....	6 00	@20 00
Carnations.....	2 00	@4 00
Cattleyas.....	35 00	@50 00
Callas.....	10 00	@12 00
Lilium Harrisii.....	12 00	@16 00
Lilacs..... per bunch, \$1.00@	\$1.50	
Sweet Peas.....	1 00	@2 00
Snapdragons.....	8 00	@20 00
Calendulas.....	4 00	@5 00
Mignonette.....	3 00	@5 00
Violets, single.....	50	@75
Asparagus..... per bunch, 50		

PITTSBURGH, Mar. 1.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00	@12 00
" My Maryland.....	4 00	@12 00
" Sunburst.....	4 00	@12 00
" Mrs. Aaron Ward.....	4 00	@8 00
" Richmond.....	4 00	@15 00
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50	@1 50
Narcissus.....	3 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35	@40	

MILWAUKEE, Mar. 1.		Per 100
Roses, Killarney and W. Killarney.....	6 00	@10 00
" Ward, Sunburst.....	6 00	@10 00
" Mrs. Chas. Russell.....	10 00	@25 00
" Ophelia.....	6 00	@12 00
" Hoosier Beauty.....	6 00	@15 00
Lilies..... per doz., 1 50		
Daisies.....	50	@75
Cattleyas..... per doz., 6 00		
Narcissus.....	3 00	@4 00
Sweet Peas.....	1 00	@2 00
Carnations.....	2 00	@4 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for.....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Mar. 1.		Per 100
Roses, Beauty, long.....	35 00	@50 00
" medium.....	20 00	@25 00
" short stems.....	8 00	@15 00
" Killarney.....	4 00	@10 00
" White Killarney.....	4 00	@8 00
" Aaron Ward.....	4 00	@8 00
" Sunburst.....	5 00	@10 00
" Ophelia.....	6 00	@12 50
" Hoosier Beauty.....	8 00	@12 50
Valley.....		4 00
Carnations.....	2 00	@3 00
Orchids.....	25 00	@50 00
Callas.....	10 00	@12 00
Asparagus Plumosus, per bu., 25	@75	
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Mexican Ivy.....		

ticles written by the very best rose authorities in this country bring rose information up to the very latest introductions. It is valuable to any person interested in any way in growing roses for either profit or pleasure.

Now that Wm. A. Leonard, the Lansdowne rose grower, has an interest in the Philadelphia Wholesale Florists' Exchange, things will go forward with a rush, as Mr. Leonard has energy plus, and thoroughly understands the business from every angle.

Walter Davis has been obliged to discontinue business for a month in order to have absolute rest to recover from his accident when run down by a Ford car. The Philadelphia Cut Flower Company will handle his business during his absence.

J. H. Habermehl's Sons will this spring replace their entire greenhouse structures with modern iron frame houses, greatly increasing the efficiency of the place.

Flowers in quantity are a feature with the Leo Niessen Co. "Use them in quantity and we will make the prices right," is their way of moving the surplus.

Daffodils, violets and tulips are specials with Berger Brothers. A splendid assortment of roses and sweet peas are also offered.

Select carnations are seen in quantity in Edward Reid's shop. Mock and Sunburst roses are also a feature.

K.

New York.

MARKET QUIET BUT PRICES FAIR.

The business of the past week was rather quiet, with a little more life in the market, Saturday, February 26. Though in carnations, violets and ordinary bulbous stock, prices have been low, on the best grades of the best varieties of roses prices have held reasonably firm. American Beauties are not yet plentiful and the best specials sell at the rate of \$60 per 100. Hadley, Ophelia and other of the newer varieties are also holding up well. There is a large supply of tulips and narcissi on the market, but first class stock brings a fair price. In this connection it may be stated that thousands of pans of tulips, narcissi and hyacinths are going direct to the retail stores, and with the pans neatly covered and in some cases decorated with ribbon, they are quite attractive. There is good lilac on the market, both cut and in pots, and the best sells well. The retail stores also show a variety of other good plants, well flowered, such as azaleas, rhododendrons, heather, acacias, cyclamens and primroses. The best cut cattleya orchids wholesale at the rate of \$50 per 100. Lilies and lily of the valley move fairly well and prices are steady.

February 28.—There is little change in the condition of the market. American Beauties, Hadleys, and the better grades of other roses hold up well, but there is a downward tendency in common stock. Yellow narcissus is in rather short supply, temporarily at least, and the price is somewhat higher. It is about time for the southern stock to appear, but it will have little effect on good home grown stock, as the best stores will not buy the southern. Carnations remain about the same. Some dealers try hard for \$4 per 100, but with poor success. There has been no "violet weather." At this writing there is sunshine, but a cutting northwest wind, and violets are as cheap as ever.

NOTES.

The entertainment and ball of the Greek-American Florists' Association at the Terrace Garden, on the evening of February 24, was a very successful affair. The hall was well filled and we

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Mention the American Florist when writing

understand that the box office receipts were eminently satisfactory. Before the grand march there was quite an extended and clever program rendered in songs, dances and comedy skits. The exhibition dancing of Mr. and Miss Demetrios was particularly good. After the grand march the night was given up to dancing by all who wished to dance. The native American florists were well represented. The hall was handsomely decorated for the occasion, the work being done under the direction of M. Rovatzos, chairman of the decoration committee, ably assisted by G. Nicholas, S. Tsagouris, C. Zaimis, St. Massas, J. Wilson and G. Ronteris. Other committees were as follows: Reception—Jas. Soteriades, chairman; P. Bounakos, G. Ronteris, S. Sakas and G. Brembos. Finance—P. Theophine, chairman; G. Cotsonas and Jas. Tryforos. Badges—Jas. Carlaftes and S. Sakas. Floor—John Felouris, chairman; John Strates, N. Lales, James Carlaftes, John Wilson, floor manager, and G. Hanges, assistant. Tickets—John Tryforos and G. Ronteris. Flowers—Ch. Pappas and G. Mitris.

We have received, in pamphlet form, from Benjamin Hammond, Beacon, N. Y., a copy of report of the school gardens committee of the Society American Florists, presented at the San Francisco convention. It is interesting reading and tells what is being done to encourage the school children to take an interest in gardening. Some of "us boys," who were reared on farms, can recall a time when there was no popular and powerful aid in our gardening operations, like the S. A. F. The writer can recall that he was sometimes in danger of getting "whaled" for putting in the garden when there were potatoes to hoe or stones to pick up in the field. While the school gardens are commendable for cities, we believe there is also room for them in many country districts. As a reminder, we will state that the school garden committee is composed as follows: Benjamin Hammond, Beacon, N. Y., chairman; Michael Barker, Chicago, Irwin Betermann, Indianapolis, Ind.; Gust. X. Amryhn, New Haven, Conn.; Leonard Barron, Garden City, N. Y.

As will be elsewhere noted, the MacNiff Horticultural Co. will start their spring auctions March 7. The activities of this concern are noteworthy. They now occupy three large stores, and their receipts of both home and foreign grown stock is enormous. By the S. S. New Amsterdam, which arrived from Rotterdam, February 24, they received about 150 cases of plants,



Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

Mention the American Florist when writing

and that was only a beginning. They are also active in the seed business and are carrying a fine stock of garden furniture.

At William P. Ford's, 107 West 28th street, we have noticed exceptionally fine lily of the valley, lilies, lilac, orchids, sweet peas and much other good stock. An unusual feature for this season at this store is very fine iris.

At the store of G. E. M. Stump, we have recently noted a very fine display of plants, both singly and in combinations. The season's business continues good at this store.

Livadas & Sarony, of 933 Park avenue, have recently been doing good work in decorating for a golden wedding.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

Telephone:
3864 Farragut.

NEW YORK CITY

Riedel & Meyer, Inc.

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

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NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.

Successors to Badgley, Riedel & Meyer.

Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }

Receivers and Distributors of

CHOICEST CUT FLOWERS**GEO. J. POLYKRANAS**

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No., 2264 Farragut.

J. J. COAN, Inc.

Wholesale Commission Florist.

115 W. 28th St., NEW YORK

Telephones: Farragut 5413 and 5891.

Fine stock of all the NEW ROSES.

SHAMROCKS

For St. Patrick's Day

1-inch and 2-inch pots and pipes.
Order Now.

Everything in Cut Flowers.

Consignments Solicited.

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Walter F. Sheridan

Wholesale Florist

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All the NEW ROSES, CARNATIONS and
Seasonable Flowers.**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.

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Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

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Phones: 558, 2036, 2037 Farragut.

20 Years' Experience.

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Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Farragut.

CONSIGNMENTS SOLICITED

Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Mar.	Per 100
Roses, Beauty, special.....	50 00@75 00
extra and fancy.....	35 00@40 00
No. 1 and No. 2.....	10 00@15 00
Prima Donna, special.....	15 00@30 00
Alice Stanley.....	3 00@15 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Sawyer.....	3 00@12 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	8 00@10 00
special.....	8 00@10 00
No. 1 and No. 2.....	3 00@5 00
Queen.....	4 00@15 00
Brilliant.....	3 00@12 00
Aaron Ward.....	4 00@15 00
Richmond.....	3 00@12 00
Sunburst.....	3 00@12 00
Taft.....	4 00@12 00
J. L. Mock.....	3 00@12 00
Hadley.....	7 00@50 00
Ophelia.....	4 00@15 00
Mrs. Chas. Russell.....	4 00@12 00
Hoosier Beauty.....	4 00@15 00
Cattleya Orchids, special.....	40 00@50 00
inferior grades.....	20 00@25 00
Lilies, Longiflorum and Harrisii.....	6 00@8 00
Lily of the Valley.....	2 00@4 00
Carnations.....	1 00@3 00
Bouvardias.....	2 00@4 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings.....	1 00@ 1 25
Gardenias..... per doz.....	1 00@ 3 00
Violets, single.....	50@ 60
double.....	15@ 25
Sweet Peas, orchid flowered.....	1 25@ 1 50
common.....	25@ 75
Mignonette..... per doz.....	50c@ \$1.00
Pansies, cut.....	50@ 1 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Freesias.....	1 50@ 2 00
Tulips.....	1 25@ 3 00
Flamingo.....	4 50@ 5 00
White Lilac..... per bunch.....	\$0.75@ \$1.50
Snapdragons..... per doz.....	1.25@ 1.50
Callas..... per doz.....	1.00@ 1.50

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
 { 4423

PERCY W. RICHTERS, Manager.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Manus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.

Consignments solicited.

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Farragut 2164-5893

119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS

Wholesale Florist

106 W. 28th St., NEW YORK





INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.25	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

C. Albert Small, of J. H. Small & Sons, visited Washington, D. C., February 25, and attended the dinner of the Gridiron club. His brother, J. H. Small, of Washington, is a member of the club and took an active part in the proceedings, which have received extended notice in the daily press.

Prizes of \$25 each were offered at the Greek ball for the best lady and gentleman two step dancers. The prizes were won by Miss Anna Wier and Stamatis Semitopoulos. Over 2,000 persons attended the ball.

The boys are saying: "Hello, Pap!" to Theodore Malandre, head of the well known retail firm of Malandre Brothers. It is now Malandre Brothers — and son.

Richard Vincent, Jr., White Marsh, Md., was in the city to attend a meeting of the American Dahlia Society, held February 29 at the Hotel Grand.

The next meeting of the New York Florists' Club will be held on the night of March 13. It will be "rose night" and fine exhibits are expected.

Washington's birthday business was quiet. Weather moderating, but considerable frozen stock arrived February 23.

A. F. F.

Horticultural Society of New York.

The success of the exhibitions for January and February have influenced the society to hold an exhibition in March, contrary to its usual custom. This exhibition will occur Wednesday, March 15, at the American Museum of Natural History, 77th street and Central Park West. Premiums are offered for collections of cut blooms of orchids, for both commercial and non-commercial growers, and also for roses and carnations for both classes of growers. For non-commercial growers only, premiums are offered for sweet peas, snapdragons, narcissi, tulips and lilies. The exhibition committee is also authorized to award prizes for plants or flowers of unusual merit or excellence of cultivation. Schedules are now ready and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.

EVANSVILLE, IND.—Karl Ziedler has let the contract for an extension to his range, giving him three fine houses, each 32x425 feet.

Buffalo.

SPLendid FEBRUARY BUSINESS

Local weather conditions and the local florists have both been very active of late. St. Valentine's day trade was almost as heavy as the Saturday preceding Easter, and a little advertising brought good sales on Lincoln's and Washington's birthdays. Bulbous stock is seen in profusion and the quality is superior to that seen in this market for several years. Roses are in good supply and Ophelia, My Maryland, Shawyer, Killarney, Brilliant and Russell are fine. American Beauties continue to be a scarce article. Carnations are plentiful and the quality is very good. The demand for funeral work has been brisk and the deaths of a good number of prominent people gave the florists many large orders.

NOTES.

Farmers' day at Cornell University was well attended by florists from many cities, but the representation from this city numbered only two. Bad weather kept the greenhouse men at home and President Kasting was prevented from attending by illness. The officers in attendance were all pronounced in their opinion that the New York State Federation of Horticultural and Floral Clubs should give hearty support to the project of erecting a new building to be devoted for floriculture and horticulture at the state fair grounds at Syracuse. Fruit growers and all kindred interests are miserably provided for and if the fair authorities expect to have a fair in keeping with Toronto suitable buildings will have to be provided. It is up to the Empire state to do something.

The florists' bowling club is rolling regularly, but they have not got Joe Streit to send a letter to Rochester and say "wake up". We have the promise of another cup from Kasting and Hart and a good day's outing with a jolly bunch. Allie Salter and Charlie Vick are worth losing a game to if we can spend an afternoon with them. Neubeck of Buffalo and Bates of Rochester, get busy.

The annual election and banquet of the florists' club will be held next week, and the committee in charge of arrangements have promised a good time.

Saturday bargain sales are now popular with nearly all of the local trade and bulbous stock is moved nicely in this way.

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter

Mother's Day

Spring Planting

Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag

Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

Chas. Knetsch expects to open his wholesale house about March 1. Genesee is a flourishing street for florists.

Some good sweet peas, calendulas and daisies are now being received from local growers.

A few weddings are on the calendar; also a few receptions which will be hurried before Lent. BISON.

PROVIDENCE, R. I.—The Rhode Island Horticultural Society announces two interesting special meetings March 2-3. On the first named date H. A. Emerson of the New York state department of foods and markets will speak on "The Distribution of Agricultural Products for the Benefit of the Producer and Consumer," and on the following evening, W. N. Craig, president of the National Association of Gardeners, will speak on "Beautifying the Home Grounds."

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

**J. H. SMALL & SONS,
FLORISTS**

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OR
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Ell, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Freidman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A. & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westbury, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chicago.
Schling, Max, 22 W. 59th St., New York.
Smith & Fatters, Cleveland, O.
Smith & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park J. A. VALENTINE, President Floral Co.

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

CHICAGO.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone

14 th and H. Street.

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch " 1808

426 Madison Ave.

And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists
Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Ell Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archbas Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave., and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller The Florist
2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.
Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman
(Successor to Geo. A. Hehl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross
Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

St. Louis, Mo.
WIRE

Grimm & Gorly

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing



CHICAGO
Mangel
The Palmer House Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark
Mention the American Florist when writing

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.
Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers
Portland Flower Store
631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan
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Rockford, Ill.
H. W. BUCKBEE.
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St. Louis, Mo.
F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Dreer's Famous American Asters



DREER'S SUPERB LATE BRANCHING ASTERS

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors, viz.:

	Trade pkt.	Per oz.
Azure Blue. A rich, deep lavender.....	\$.25	\$1.00
Pure White. Extra fine stock.....	.25	1.00
Shell Pink. An exquisite shade.....	.25	1.00
Rose Pink. A very desirable color.....	.25	1.00
Deep Rose. Rich and brilliant.....	.25	1.00
Deep Purple. Royal deep purple.....	.25	1.00
Lavender. A pale grayish-lavender.....	.25	1.00
Crimson. Very rich.....	.25	1.00
Finest Mixed. All the colors.....	.25	.75

The above is but one of our many fine varieties, for complete list and prices see our General Wholesale Price List.
Copies free to Florists on request.

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

CINCINNATI, O.—J. Chas. McCullough, wife and daughter, are at Palm Beach, Fla.

JERSEYVILLE, ILL.—William A. Rice of this city has been granted a patent for a seed separator and cleaner.

CHICAGO.—Prices for grass seed on the Board of Trade, March 1, were as follows: Timothy, \$5.50 to \$8 per 100 pounds.

W. W. BARNARD, of the W. W. Barnard Co., Chicago, who has been in California on account of impaired health, is reported progressing favorably.

JOHNSTOWN, PA.—The H. R. Wilbur Corporation has purchased the Brokenstraw Valley Seed Co.'s business at Youngsville, Pa., and will move it to this city.

LOECHNER & Co., New York, report that they have been advised by Hjalmar Hartman & Co., that the Danish government has put an embargo on all root seed for cattle feeding, such as mangels, rutabaga and turnips.

SOME California seed growers report salsify a total loss due to the excessive rains in January and February. Other biennial crops on low lands have suffered to some extent. The recent weather has been fine for all crops.

THE onion set situation at Chicago remains about the same. All hands are busy getting stock packed to ship as soon as the present cold weather breaks. Just now nothing in less than car-lot shipments can be made to points which have no refrigerator car service.

A SPECIAL meeting of the American Seed Trade Association has been called at the Hotel Sherman March 1, about the time we go to press, to consider the matter of seed growers' contracts and the use of the disclaimer as outlined under the head of "Non-Warranty and the Wisconsin Seed Law" in our issue of February 26, page 298.

VISITED CHICAGO: C. W. Scott, of the Yokohama Nursery Co., New York; F. H. Henry, of Henry & Lee, New York; Chas. L. Kunz, representing the M. G. Madson Seed Co., Manitowoc, Wis.; F. P. Lilly, of the Chas. H. Lilly Co., Seattle, Wash.; J. R. Schrenker, Jr., representing the J. Chas. McCullough Seed Co., Cincinnati, O.; Mrs. M. W. Johansen, of the Victor Johansen Seed Co., Los Angeles, Calif.

Rennie Fire at Toronto.

The stock and premises of the Wm. Rennie Co., at Jarvis and Adelaide streets, Toronto, Ont., were partially destroyed by fire and water February 20, the damages, estimated at \$200,000, fully covered by insurance. A large quantity of the seeds were packed and ready for shipment. Defective electric wiring is given as the cause of the fire. This was the first fire in the firm's warehouse in 40 years and throws 40 of the 90 employees temporarily out of work.

Non-Warranty and Wisconsin Seed Law.

In last week's issue under the above heading, page 298, we called attention to the repudiation of the American Seed Trade Association's well known disclaimer by a Wisconsin seed growing concern. We now reproduce two clauses of the amended Wisconsin law, relating to the examination and inspection of seeds, having some bearing on this subject as follows, see Chapter 495, Laws of 1913, Section 1494x-2:

"2. For the purposes of sections 1494x-1 to 1494-16, inclusive, the term 'agricultural seeds' shall also include seed peas for canning purposes sold in lots of 100 pounds or more.

"3. In all actions for damages growing out of any violation of sub-section two of this section, if no fraud, bad faith, or want of due care is shown on the part of the vendor, the purchaser shall be limited in his recovery to the amount of the purchase price of the seed."

PRESIDENT LUPTON'S VIEWS.

President Lupton, of the American Seed Trade Association, writes as follows, February 28:

"Your issue of February 26 contains a copy of the contract form adopted by the Wisconsin Cannery Association which together with comments on the omission of the disclaimer adopted by the American Seed Trade Association is of great interest to the seed trade.

"The use of the disclaimer in the ordinary business of the seedsman has been found absolutely necessary for his reasonable protection. It is obviously unfair and unjust that the seedsman should be held responsible for the crop produced from the seed sold, the business of growing seed for a canning company on a contract, such as is here set forth, presents a somewhat different condition from that of ordinary trade. Under such a contract the seller agrees to do certain things relative to growing the crop, none of which appear unreasonable, and to make delivery of the product, either in full or on the usual pro-rata basis. The question at once arises, Where does the seller's responsibility end? Does it end with the delivery and acceptance of the seed by the canning company? If so, then the disclaimer could be used in the ordinary way, without affecting the contract and we are at a loss to see why any objection should be made to its

use. If on the other hand the seller under this contract assumes any responsibility as to quality, productiveness or any other matter connected with the crop produced from the seeds delivered under this contract, the disclaimer becomes necessary for his reasonable protection. The obligation assumed by each party should be clearly understood. The disclaimer states it fairly, and it will be indeed regrettable if any seedsman, after being a party to its adoption, fails to stand firm for its use."

Catalogue Postage Bill.

Chairman Therkildson, of the American Seed Trade Association's postal laws committee, writes as follows, February 26:

"I am enclosing a typewritten copy of H. R. 11621, which I have succeeded in having introduced by Mr. Tague. Mr. Tague is from Boston and is a member of the House Post Office and Post Roads committee. This bill is identical with the proposed bill that I submitted to the American Seed Trade Association in convention at San Francisco last summer, and which was endorsed by them. It may be necessary to have some amendments and adjustments to this which would be for the good of all, but this bill as a whole will be taken care of, and I now desire your co-operation both in giving this publicity and writing to your representatives and senators to use their efforts to have this bill passed. It needs immediate attention on the part of the members of the American Seed Trade Association. Its passage will enable us to make good catalogues instead of being penalized as under the present arrangement."

THE BILL.

H. R. 11621 in the house of representatives, February 16, 1916. Mr. Tague introduced the following bill, which was referred to the committee on post offices and post roads and ordered to be printed.

A bill to provide for mailing catalogues, circulars, and so forth, now mailable under eight ounces in weight at the third-class rate of one cent for two ounces or fraction thereof, at a pound rate of eight cents.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, that on matter em-

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Mention the American Florist when writing

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

**Gilroy,
California**



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Mention the American Florist when writing

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Mention the American Florist when writing

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

Opening Sale for the Spring Season

ON TUESDAY, MARCH 7th, at 11 O'CLOCK A. M.

SALES will be continued each TUESDAY and FRIDAY until the end of June

braced in the third class, including circulars, catalogs, pamphlets, price lists, and other similar matter wholly in print of some form, upon which the postage is now paid at the rate of one cent for each two ounces or fractional part thereof, fully prepaid either by postage stamps affixed or without stamps under a permit number, the same rate is hereby extended to apply to the mailing of such printed matter in bulk, to varying addresses, irrespective of the individual weight thereof within a limit of four pounds, without stamps affixed at eight cents per pound or fractional part thereon, to be fully prepaid in similar manner as now by law provided for the mailing of matter of the second class; but such pound rate shall apply only when such printed matter is offered in quantities of one pound or more.

Sec. 2. That this act shall take effect upon its passage.

Imports at New York.

During the week ending February 26, imports were received as follows:

From Bordeaux, France:
J. L. Radwaner, 100 bbls. seeds.
Nungesser, Dickinson Seed Co., 100 bbls. seeds.

Courteen Seed Co., 200 bbls. seeds.
Jacot & Mullen, 300 bbls. seed.
Dickinson Seed Co., 200 sacks trefoil seed.
To order and others, 4,616 bbls. seed; 1,601 bags, 1,000 cases and 200 packages seeds; 25 cases plants; 100 sacks trefoil seed.

From Genoa, Italy:
A. Dickinson Co., 1,000 bags seed.
To others, 800 bags seed.

From Havre, France:
Stumpp & Walter Co., 7 bags seed.
A. Dickinson Co., 200 bags seed.
H. F. Darrow Co., 16 packages seed.
Peter Henderson & Co., 1 package seed.
To others, 200 bbls. and 19 bags seed; 23 cases plants.

From Liverpool, Eng.:
McHutchison & Co., 1 case rose trees; 2 cases nursery stock.
J. M. Thorburn & Co., 2 packages seed.
To order and others, 9 cases trees; 287 packages seed.

From Copenhagen, Denmark:
Lochner & Co., 21 bags seed.
Lake Shore Seed Co., 3 bags seed.
To others, 1 case and 4 packages seed.
From Glasgow, Scotland:
McHutchison & Co., 6 cases trees.
To others, 1,336 bags fertilizer.
From Rotterdam, Holland:
McHutchison & Co., 500 cases and packages trees, shrubs, etc.; 1 case bulbs.

MacNiff Hort. Co., 135 cases plants.
Julius Roehrs Co., 94 cases shrubs.
Vaughan's Seed Store, 26 cases trees, etc.
Stumpp & Walter Co., 34 cases plants; 3 bags and 2 packages seed.
Elliott Auction Co., 22 cases lily bulbs.
W. E. Marshall & Co., 9 cases shrubs, etc.
F. R. Pierson, 1 case plants.
A. T. Boddington Co., 5 cases lily pips; 1 case seed.

P. Onwerkkirk, 187 packages plants.
To order and others, 551 cases and packages plants; 906 cases and packages shrubs and roots; 801 packages, bags, cases and 12 bbls. seed; 124 cases bulbs.

From Bristol, Eng.:
Harvey Seed Co., 10 bags seed.
W. E. Marshall & Co., 26 bags seed.
Stokes Seed Farms Co., 75 bags seed.
To others, 15 bags seed.

From Havre, France:
To order and others, 1,128 bbls. seed; 174 cases plants.

Imports of horticultural and agricultural goods, week ending February 18, as compiled by Collector of Customs:

Fertilizers, \$275; red clover seed, \$188,727; other clover seed, \$64,396; other grass seeds, \$6,422; sugar beet seed, \$59,837; all other seeds, \$26,535; potatoes, \$924; mushrooms, \$21,348; vegetables in natural state, \$34,252; bulbs, \$13,453; plants, \$28,708.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa.....	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snapdragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Solandensis.....	.15 1.00	Verbena, Mammoth.....	.15 1.00
Salvia Fireball.....	.30	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Mention the American Florist when writing

Field Seed Corn

We Grow for the Wholesale Trade.

We grow all the leading best varieties: planted from pure stock, carefully selected, hand picked; butt and tip ends taken off by hand; also milled, screened and graded; highest quality and grade. Write for samples and prices, with list of your requirements, in car lots or less.

Robinson's Code, Address

RATEKIN'S SEED HOUSE, Shenandoah, Iowa.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

RED FLOWERING GREEN FOLIAGE

	Per 100	Case of 250	1000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
Duke of Marlboro, 4½ ft. glowing crimson..	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Pennsylvania, 5½ ft. deep orange scarlet..	1.50	3.50	14.00
Beaute Poitevine, 3½ ft. dark crimson....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon	2.75	6.25	25.00
Dr. Robert Funke, 4½ ft. scarlet.....	5.25	12.50	50.00
Fuerst Bismarck, 4 ft. rich scarlet crimson..	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scarlet, overlaid with maroon	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermilion scarlet	2.25	5.00	20.00
Louisiana, 7 ft. vivid scarlet	1.50	3.50	14.00
Pes. Cleveland, 3 ft. bright orange scarlet..	2.00	4.38	17.50
Pes. McKinley, 2½ to 3 ft. brilliant crimson	2.00	4.38	17.50
Pes. Meyer, 4 ft. cherry carmine.....	2.00	4.38	17.50
Pillar of Fire, 6 ft. to 7 ft. high, bright crimson scarlet	2.00	4.38	17.50

YELLOW CANNAS

	Per 100	Case of 250	1000
Kanzleiter, 3½ ft. pure light yellow.....	\$1.50	\$3.50	\$14.00
R. Wallace, 4½ ft. canary yellow, free.			
Better than Florence Vaughan.....	1.50	3.50	14.00
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00

RED GOLD-EDGE VARIETIES

Allemanina, 4 to 5 ft., green foliage, scarlet and yellow.....	\$1.35	\$3.00	\$12.00
General Merkel, 4 ft. the best scarlet gold edge sort. Superior to Mad. Crozy or Queen Charlotte	1.65	3.75	15.00
Gladiflora, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermilion orange edge....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow	1.50	3.50	14.00

PINK FLOWERING CANNAS

Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large	12.00	27.50	110.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

Note Change of Address: 128 CHAMBERS STREET, NEW YORK

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Always mention The American Florist
when writing. : : :

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc

Moorestown, New Jersey



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed... 25c
1 oz. ..\$2.25

Price list on application.

Cash with order

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Mention the American Florist when writing

Spring Bulbs

A Most Complete General Line

at both Chicago and New York

For Seedsmen
For Florists

Vaughan's
Seed Store

CHICAGO
NEW YORK

GLADIOLUS

Grown in the U. S. by Vaughan's Seed Store

Per 100 Per 1000

AMERICA, Extra, 2 1/4 to 3-in., thick heavy bulbs.....	\$15 00
AUGUSTA, Extra, big ones like above	15.00
America, 1st size.....	\$1.25 10.00
Augusta, 1st size.....	1.25 10.00
Chicago White, 1st size.....	3.00 25.00
Mrs. Francis King, 1st size.....	1.25 10.00
Princeps, 1st size.....	2.50 22.00
Mrs. Frank Pendleton, 1st size	9.00 85.00
Niagara, 1st size.....	4.50 40.00
Panama, 1st size.....	4.00 35.00
Primulinus Sunbeam, 1st size	18.00
Baron J. Hulot (Dutch Grown)	2.50 20.00
Chicago Salmon, 1st size.....	4.50 40.00
Velvet King, 1st size.....	3.00 25.00
Hyde Park, 1st size.....	5.00 45.00
Vaughan's XXX Florist Mixture	
1st size.....	1.75 15.00
Extra Fine Mixed, 1st size.....	2.00 18.00
Good Mixed, 1st size.....	1.00 8.50

And all Other Leaders

Write for quantity prices

CANNAS--Dormant Roots

Subject to Prior Sale. Per 1000

Allemania.....	\$25.00
Burbank.....	25.00
Buttercup.....	40.00
David Harum.....	22.50
Egandale.....	22.50
Florence Vaughan.....	20.00
Hungaria.....	40.00
KING HUMBERT.....	30.00
Louisiana.....	22.00
Mad. Crozy.....	22.50
Mrs. A. F. Conard.....	35.00
Queen Charlotte.....	25.00
Souv. d Antoine Crozy.....	25.00
Wm. Saunders.....	50.00
Venus.....	30.00
FIREBIRD, best scarlet, green leaved, grand companion to King Humbert, .....per 100, \$20.00; 180.00	

CALADIUM Esculentum

	Per 100	Per 1000
5- 7 inches.....	\$ 1.75	\$ 15.00
7- 9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00

CALADIUM, Fancy Leaved, choice named,
very fine, 25 for \$3.50.

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flowering strains. Quality inspected by our Mr. J. C. Vaughan in Belgium.

Single sorts, white, scarlet, Doz. 100	1000
yellow, pink, orange, salmon.....	50c \$3.00 \$25.00
Single Mixed.....	40c 2.60 23.00
Double sorts, white, scarlet, yellow, pink, orange, salmon.....	60c 4.00 35.00
Double Mixed.....	50c 3.50 30.00

TUBEROSES True Dwarf Pearl

Carload lots of bulbs are in warehouse,
frost free, and ready for shipping. Per 1000
First size, 4-6 inches.....\$9.00
Medium size, 3-4 inches.....5.00

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

WOBURN, MASS.—A loss of \$3,500, chiefly to young cucumbers, was sustained by George Foster when the heating plant was put out of commission February 19.

MORGANTOWN, N. C.—J. B. P. Massey, of the United States weather service, writing February 20, says the work of market gardeners here is well ahead of that of previous seasons and that the same applies to all other kinds of garden work. Early cabbages were planted February 9, and the truckers are getting ready to plant onion sets and early potatoes.

Gardening Corrects Evil Tendencies.

In these days, when there are so many people who profess that they want to raise their boy to be a soldier, and would have the schools turned into miniature military camps, it is interesting to hear from a man who can talk about something else, even in a presidential year. J. Otto Thilow is quoted in the Philadelphia North American, February 27, as follows:

"Flower culture serves to soften disagreeable traits that are found in many boys and does much toward stimulating higher ideals in government and society."

This is the belief of J. Otto Thilow, expressed yesterday afternoon in a talk on "Gardens" before the Farmers' Institute meeting in Horticultural hall, which is being held under the auspices of the Pennsylvania Horticultural Society and the Florists' Club of Philadelphia.

"Every family in Philadelphia," said the speaker, "should have a small garden. If there is no room in the front yard, put it in the back yard. It will give the boys and girls pleasant work to perform, and in watching the development of flowers they will get an elevating viewpoint of life and become better citizens. The cost is so trifling that the poorest man may have one."

"It is not necessary to buy expensive seed because the cultivation of daisies and common flowers is just as interesting and beneficial to the mind as the growing of selected plants. It is certain that a boy who watches with care a small garden will not break windows and get into trouble."

Success with Mushrooms.

As the years roll along, there come certain changes in methods, owing to a closer understanding of controlling factors, or made necessary by closer competition. This applies also to mushroom growing. We have experimented a little along the newer lines, which recognize important changes: Lower temperature at spawning time; more moisture during growing period; less preparation of the compost. We are at present marketing the crop from beds put in January 1. This is probably the best crop we ever produced, hence is well

worth a closer acquaintance. The actual performance is worth more than a lot of theories. On a test, a bed of 100 square feet has produced on an average more than 5 pounds of fancy mushrooms daily, for weeks, and the end is not in sight. It is generally conceded that a crop of 1 pound per square foot is a good crop. This particular bed has now reached that point and promises another pound per foot. Some of the clusters of mushrooms have been over 12 inches in diameter, yet solid as a fine cauliflower.

In brief, the manure used was a very strawy, dry and inferior lot. It was piled to heat, using water freely to moisten it. After the first turning we added 100 pounds of acid phosphate per ton. After that each turning was finished off with three inches of soil on top of the square flat pile. This soil was mixed into the manure at each turning and new soil added on top — each time. The manure was turned twice each week for a month and then put in the beds. At that time it presented a different condition, being dark, moist and well decomposed. The beds heated up to 110°, and after several weeks declined to 72°, at which the spawn was inserted. We used American Pure Culture Brick Spawn. As these beds were built in a basement where heating mains were carried through, it was found necessary to water the beds, walks and walls daily to retain the moisture, and also to ventilate quite freely to keep temperature moderate. After three weeks the beds were cased with two inches of garden loam and the watering continued. The crop appeared after six weeks from time of spawning. So far, we have used water quite freely, almost as much as we would in a greenhouse, and the mushrooms show no setback. The temperature maintained is between 60 and 62°. We tried to lower it by adding ventilation with the result that a drop of 5° stopped all further production. When the temperature was raised back to 60°, the production at once came back to normal.

It used to be a rule to spawn at 90°, to avoid watering; to run lower temperature, in the cellars. Our next beds were given less preparation, the manure being turned only once once and then put into the bed. Otherwise they received the same treatment. This crop is not in, and we will watch the results with interest. As regards the sale of the crop we have succeeded in selling the greater part direct to consumers, owing to the fine quality and appearance.

MARKETMAN.

Prices of Indoor Fruits and Vegetables.

Chicago, February 29.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 22½ to 25 cents; radishes, 35 cents to 50 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.50 to \$3.50; cucumbers, flat box, \$1.50 to \$2.25.

New York, February 29.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.50 to \$1.75 per drum; mushrooms, \$1.20 to \$1.50 per 4-pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per dozen, 15 cents to 60 cents. Rhubarb, per dozen bunches, 20 to 65 cents.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

Mention the American Florist when writing

"Market Gardening"

An elementary text book containing 102 pages. 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Plant Beebe's Early Prolific Tomato

For the early market.

It is the earliest and most prolific of all tomatoes. Is of medium size, flesh very solid with small seed cavities. Color bright red, skin tough, making it an excellent shipper. Continues bearing from early in June until cut by frost.

Pkt., 20c; oz, 75c; ¼ lb., \$2.00.

Write for Catalogue.

English or German.

German Nurseries and Seed House

BEATRICE, - - - NEB.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world. \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Belle Washburn

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

THE BEST RED CARNATION

ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long; strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.

Lily of the Valley Pips

Berlin and Hamburg

Cold Storage Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery Now.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

Mention the American Florist when writing

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

CANNAS

Strong 2 and 8 eye divisions freshly divided from clumps same day shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier

Black Prince

Egandale

Eldorado, large flowered,

yellow

Feuermeer

Garam, \$4.00 per 100.

Hungaria, \$3.00 per 100.

Indiana

Italia

Julius Kock

King Humbert, \$3.00 per 100;

\$25.00 per 1000.

Koros, \$6.00 per 100.

Louisiana, \$4.00 per 100.

Mephisto

Mrs. Geo. A. Strohle

Mrs. Karl Kelsey

Mrs. Kate Deemer, \$4.00

per 100.

New Chicago

Prince Wied

Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdsale
Farm.

Bristol, Pa.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

SAN DIEGO, CALIF.—Max Watson has resigned his position as city forester.

CURTIS NYE SMITH's important paper on "State Nursery Stock and Interstate Commerce" will be found on page 321 of this issue.

Two recent farmers' bulletins issued by the department of agriculture, Washington, D. C., are "The Catalpa Sphinx" (Bul. No. 705) and "The Leopard Moth," (Bul. No. 708) the latter a dangerous imported insect enemy of shade trees.

American Association of Nurserymen.

Nurserymen everywhere are reminded that the forty-first annual convention of the American Association of Nurserymen will be held in Milwaukee, Wis., June 28-30, 1916. Unusual interest attaches to this announcement. At the Detroit convention last year a new constitution was adopted, the object sought being to increase the value of the organization to members by the larger scope given to its activities, embracing increased benefits to members, not the least of which is intended a greater volume of business and better profits. In fact, the American Association of Nurserymen as it exists today, under the reconstruction plan decided upon at the Detroit meeting, occupies an unique position before the trade, and it is evident that the men which the association expects to retain or to secure as new members will think more of their membership because of the action referred to.

A very comprehensive article, written by J. R. Mayhew, answering the question, "Why should I retain my membership in the American Association of Nurserymen?" has appeared in some of the trade publications, and sets forth in simple but convincing language the claims of the association upon every reputable nurseryman in the United States.

Those seeking full information as to benefits and terms of membership are asked to communicate with John Hall, 204 Granite Building, Rochester, N. Y., secretary. The convention will be a very businesslike assembly, with a programme of great merit.

Nursery Stock in Brazil.

People of the United States, and particularly nurserymen, are apt to think of Brazil as having a tropical climate throughout its vast extent of territory. This is quite incorrect. To be sure the summers are hot, and rather torridly tropical from Rio de Janeiro northward than otherwise; but the vast extent of southern Brazil is decidedly temperate in climate in most places, and throughout the republic the hill resorts affected by people for country residence are decidedly temperate in climate. A large dealer in nursery stock in Rio de Janeiro tells that many of the "Luther Burbank" varieties of scientifically improved orchard trees are known there according

to Consul General Alfred L. Mooreau Gottschalk, writing from Rio de Janeiro, who states that among other unexpected things he found that one dealer had imported a considerable number of the Santa Rosa spineless cacti.

It would, in his opinion, of course, take considerable advertising to introduce northern fruit trees in any quantity into even the more favorable localities of Brazil; but numerous Brazilians are of the opinion that it might be done successfully, and probably many more would be interested if the first experiments were at all productive. He has been told that grapevines, and peach, pear, and apple trees would find the greatest chance here among the fruit farmers of the uplands and of the south.

But on the question of fruit farming, he says, let there be no misunderstanding. There are very few fruit or truck farms of any kind here, and the attempt would be a costly one, to be carried on only in conjunction with some established trade, say in fresh or dried fruits, or canned goods. The very fact that there are few orchards or properly organized truck farms to supply the larger cities is what would open, to a remarkable degree, a trade in both fresh and dried fruits from foreign countries if the supply could be made regular, the price kept down to suitable limits, and reasonable credit extended.

Forest Seedings, Trees and Ornamental Shrubs—A complete line of Altheas Barberry Calycanthus, Forsythias, Pr. vets, etc. Send for trade list.

FOREST NURSERY AND SEED CO., McMinnville, Tenn.

JAPANESE TEA GARDEN —AND— ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd. CHICAGO.

Tree, Shrub and Palm Seeds

For the Florist and Nursery Trade

Also Seeds of

CALIFORNIA NATIVE PLANTS.

GEORGE H. HOPKINS

Eagle Rock Station, Los Angeles, Calif.

Anemones Are Splendid Fall Flowers

for florists use. If you have a small plot of ground to spare plant some of them. They will repay their cost a thousand fold. Strong, field grown roots, \$5.00 per 100. **Japonica alba**, single white; **Japonica rosea**, single pink; **Queen Charlotte**, double pink; **Whirlwind**, double white.

Our March Bulletin offers a splendid assortment of other desirable **Perennial Plants**; also **Roses, Shrubs, Vines, Ornamental Trees, etc.** If you have not received it send for a copy at once.

Note. Use printed stationery. We sell to the trade only.

JACKSON & PERKINS COMPANY, Newark, New York

40,000 IBOTA PRIVET

We can furnish bright **CLEAN, YOUNG STOCK** in all sizes up to 4 to 5 ft. These plants are on ground that must be vacated this Spring. Special prices will be given on application to parties desiring a quantity.

SHRUBS and VINES in large quantities. Creeping and Climbing Roses. **HERBACEOUS** plants are one of our specialties.

We have the **LARGEST STOCK OF LARGE EVERGREENS** in this country. Send for special list of large Evergreens by the carload only.

If you have not received our wholesale list, write for it.

THE ELIZABETH NURSERY CO., ELIZABETH, N. J.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms.

P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Mention the American Florist when writing

ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Palmsville, Ohio.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	40 to 42.....	\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	44 to 46.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	54 to 56.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	60 to 62.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	66 to 68.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	72 to 74.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	26.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

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Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

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Published quarterly. Annual subscription for weekly and quarterly numbers. One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 ft.....	\$1.00 each
Pyramids, 2½ ft.....	1.50 each
Pyramids, 3 ft.....	2.00 each
Pyramids, 3½ ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....	\$3.00 per 100; \$25.00 per 1000
Asparagus Sprenger, 2 inch.....	3.00 per 100; 25.00 per 1000
" " 3 inch.....	\$5.00 per 100 (heavy)
Achyranthes Herbsteri, dwarf, bright red.....	\$4.00 per 100
Boxwood, full list of sizes now on hand.	
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.	
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.	
FERNs. Boston, fine stock, 2½ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.	
Fine Teddy, Jr., 2½ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 5 inch pots, \$35.00 per 100 (very heavy); 6 inch pots, \$60.00 per 100 (very heavy).	
Azalea Mollis, mixed colors, 15 to 18 inches high.....	at 35c
Heliotrope, 2½ inch, purple in variety.....	\$3.00 per 100
English Ivy, strong, 4 inch.....	\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

BEGONIAS--Strong 2½-inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.....	\$15.00	\$120.00
Lorraine, 2½-in.....	12.00	100.00
Chatelaine, 2½-in.....	5.00	40.00
" " 3-in.....	8.00	75.00
Vernon, 2½ and 3-in.....	4.00	

Primroses.

Obconica in bloom, 3-in.....	\$ 6.00
" " 4-in.....	9.00
" " 5-in.....	15.00
Malacoides, 3-in.....	6.00

Geraniums.

Nutt, Pressilly, Gen. Grant, strong 2½-in., \$25.00 per 1000. Wilmette, largest and best Pink Geranium, \$50.00 per 1000.

Dew Plant.

Best for Hanging Baskets. Fine Stock. 2½-in.....\$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Coleus—Six best Varieties.

2½-in.....	\$25.00 per 1000
Curly Queen, best for baskets.	
2½-in.....	\$25.00 per 1000

Marguerites.

2½-in.....	\$25.00 per 1000
------------	------------------

Salvias.

2½-in.....	\$25.00 per 1000
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NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5-in., 75c; 6-in., \$1.00; 7-in., \$1.50 each.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chartard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 8 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Geraniums, Standard var.	\$2.00	\$18.00	\$3.00	\$25.00
Heliotrope, Mme. Bruant	2.00	18.00	3.00	25.00
and Chiettain	2.00	18.00	3.00	25.00
Lantanas, 6 varieties	2.00	18.00	3.00	25.00
Lemon Verbenas	2.00	18.00	3.00	25.00
Moonvines	2.00	18.00	3.00	25.00
Petunias	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argenteus, Dus-	2.00	18.00	3.00	25.00
ty Miller	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum and Heliotrope.				
Rooted cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.				
Canna Roots, \$2.00 per 100 and up.				
Cash with order. If you have not received our catalogue, notify us.				

R. Vincent Jr. & Sons Co.
White Marsh, Md.

ASPARAGUS
Plumosus, 2 1/4-in. pots, \$2.00 per 100; \$17.00 per 1000.
Cannas, 1 to 3 eyes Allemaoia, Italia, Patry, B Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$2.00 per 100.
Boston Ferns, from beds \$15.00 per 100.
Coleus, 10 varieties April 1 \$2.00 per 100.
Pansy Plants, Giant flowering, \$2.50 per 100.
— CASH
JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

GERANIUMS

Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.
S. A. Nutt and Buchner.....\$2.50 per 100
Poitevine and Ricard.....\$2.50 per 100
Buddleia Asiatica.....\$2.50 per 100
Buddleia Magnifica.....\$3.50 per 100
(Rooted cuttings, parcel post.)
Pot plants of either, by express, \$5.00 per 100.
Asparagus Plumosus, good value, \$25.00 per 1000.
ALBERT M. HERR, LANCASTER, PA.

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If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

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CARNATIONS=ROOTED CUTTINGS

Clean and Well Rooted

New Reds—1916

	Per 100	Per 1000
Nebraska	\$12.00	\$100.00
Belle Washburn	12.00	100.00
Aviator	12.00	100.00

Last Year's Novelties

	Per 100	Per 1000
Pink Sensation	\$ 6.00	\$ 50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst	6.00	50.00

Standard Kinds

	Per 100	Per 1000
Beacon	\$ 3.00	\$ 25.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Rosette	3.00	25.00
Herald	3.00	25.00
Benora	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Gloriosa	3.00	25.00

3 Fine Specials--

READY NOW—Strong plants in 2 1/4 inch pots.

Heliotrope Centefleur—The best dark.

Begonia Chatelaine—Good for pots and bedding.

Petunias—Finest double sorts, propagated from cuttings; Pink, White, Purple and Variegated.

VAUGHAN'S SEED STORE
Chicago Nurseries and Greenhouses at Western Springs, Ill. New York

COTTAGE MAID

A Sport of Mrs. C. W. Ward.

Will be disseminated 1916-17.

Rooted cuttings of Mrs. C. W. Ward and Matchless,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Read This Unsolicited Testimonial.

MR. PETER, FISHER, Ellis, Mass.

Dear Sir:—

LIMA, OHIO, Jan. 19th, 1916.

We thought it might be interesting to you to receive a report of your new carnation "Alice" as grown in this territory.

Alice has made a wonderful showing with us. We are growing some twenty different varieties of carnations. To date we have cut more blooms per plant from "Alice" than any of the other varieties. The blooms come almost 100 per cent perfect.

This carnation has proved all that you claimed for it, and we do not hesitate to say that we believe this variety to be the very best carnation of its color, being offered the Trade today. You are to be congratulated on "Alice."

Very truly yours,

ROLF ZETLITZ.

(Landscape Gardener. Wholesale and Retail Florist,
Woodlawn Ave.)

Strong Rooted Cuttings READY NOW, per 100, \$6.00; per 1000, \$50.00

PETER FISHER, Ellis, Mass.

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition. Have a few hundred from 2 inch pots ready in March, at \$15.00 per 100.

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Enchantress	\$3.00	\$25.00
Alice	6.00	50.00	Rosette	3.00	25.00
Matchless	3.50	30.00	Mrs. C. W. Ward	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00
Yellowstone	3.00	25.00	Gloriosa	3.00	25.00
White Wonder	3.00	25.00			

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO.,

Lafayette, Ind.

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Some Excellent Stock.

Liberal Extras for Early Orders.

Size of pots.	100	1000
2 1/4-in. ABUTILON Savitzii, or 6 varieties assorted	\$2.25	\$20.00
2 1/4-in. AGERATUMS. White, light and dark blue	2.25	20.00
2 -in. CUPHEAS. Cigar plants	2.25	20.00
3 -in. CYCLAMENS. 8 varieties	6.50	60.00
4 -in. CYCLAMENS. 8 varieties.	17.50	
Fine plants		
2 1/4-in. BEGONIAS. 8 flowering varieties	5.00	45.00
3 1/2-in. CINERARIAS. Choice mixed	6.50	60.00
5 -in. DRACENA Indivisa	20.00	
6 -in. DRACENA Indivisa	25.00	
2 1/4-in. FUCHSIAS. Double and single, 12 varieties	2.75	25.00
2 1/4-in. HELIOTROPE. 3 varieties	2.75	25.00
2 1/4-in. MARGUERITES. White and yellow	2.50	22.50
Mrs. Sanders	2.50	22.50
4 in. PRIMULA obconicas. In bud and bloom	6.25	60.00
2 -in. DOUBLE PETUNIAS. 15 varieties	3.00	25.00
2 1/4-in. SALVIAS. Bonfire	3.00	25.00
FUNKIA variegata. Roots	5.00	45.00
CANNA BULBS. King Humbert	3.00	25.00
CANNA, Yellow. King Humbert		
3-inch, each, 35c. per doz.	3.50	
CANNA BULBS. About 20 varieties	2.00	17.50
50,000 2 and 2 1/4-in. GERANIUMS. Nutt, Ricard, Poitevine. Montmort, Perkins, Buchner. About 20 varieties	2.25	20.00
2 1/4-in. IVY GERANIUMS. 8 varieties	3.00	28.00

Correspondence solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	8.00	75.00
Rex Begonias, 3 in. doz., \$1.00; 100, \$8.00		

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
Rose-Pink Enchantress	2.00	18.00
White Enchantress	2.00	18.00
White Perfection	2.00	18.00
Mrs. Ward	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Washington	2.50	20.00
Beacon	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
White Killarney	4.00	35.00
Richmond	3.00	25.00
Milady	4.00	35.00
Ophelia	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

Scranton, Pa.

Business last week was good in all lines. February was a big month for funeral work. From all reports the St. Valentine's day business was good. Stock of all kinds is plentiful. There are large quantities of jonquils, tulips and hyacinths are more plentiful than they have been. Violets are plentiful and are in good demand.

NOTES.

Mrs. M. Muir, this city's pioneer woman florist, says that business has been better than ever with her this season. She had a very attractive window display for Washington's birthday. In the center was a large American flag made out of red, white and blue immortelles. It was banked around with large Boston ferns.

B. E. and J. T. Cokely say business is very good. They are busy getting out mail orders for seeds. A card from J. T. Cokely who is traveling through western Pennsylvania and Ohio reports business better than his last trip.

G. R. Clark reports a busy month in funeral work and sick room flowers. Miss Nora Loftus and Miss Clifford, of this store, are home with an attack of the grip. Miss Kennedy has returned after a two weeks' visit at Albany, N. Y.

The New York Floral Co. reports a big increase in business resulting from larger and better window displays. I noted at the store some fine Ophelia and Mrs. Charles Russell roses and Spencer sweet peas.

Howard Royer, of H. Bayersdorfer & Co., Philadelphia, Pa., was in town last week with a big line of baskets and florists' supplies.

A. L. Besancon & Co. are busy getting ready to move into their new store in the new Scranton Life Insurance Co.'s building.

Baldwin is showing some fine cyclamens, tulips, azaleas, and daffodils at his store on Adams avenue.

Miss Anna Griffiths, of the West Side Floral Co., reports a busy week in funeral work and counter trade.

C. P. Becker has taken a side line, the products of the Reading Bone Fertilizer Co.

T. B. McClintock reports heavy cuts of carnations and a large quantity of funeral work.

F. J. M.

Westchester and Fairfield Hort. Society.

The annual entertainment and dance of this society was held in the Town hall, Greenwich, Conn., Wednesday evening, February 16, and proved to be a real old-fashioned social gathering. The members, their families and friends, together with a large representation from the seed and nursery trade and trade press, formed a large, happy party which filled the spacious Assembly hall to overflowing. Billy Wilding, assisted by a company of 20 star performers, gave a minstrel show that was very creditable and deserved the great applause accorded them. The original stage setting and mixed company, male and female performers, was a novelty. A fine buffet lunch was served, after which dancing was indulged in until 1 a. m. The splendid combination of good music, fine floor and a programme of both old and new dances, kept everybody happy.

P. W. POPP, Cor. Sec'y.

MT. JOY, PA.—One new house, 10 by 84 feet, is being added to the range of E. H. Zercher.

DALLAS, TEX.—Chas. C. Choler has retired from the Rische-Choler Floral Co. The business will be continued under the old firm name by Ernest Rische, Jr., who bought his former partner's interest, and assumed the obligations of the firm.

MISS THEO

THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000.

Littlefield & Wyman

NORTH ABINGTON, MASS.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

Mention the American Florist when writing

Providence, R. I.

BRISK TRADE AND PLENTIFUL SUPPLY.

Trade has been unusually good, with plenty of stock coming in. Funeral work has been the main outlet. Roses are getting more plentiful every day, and the quality is good. Carnations are increasing in quantity. Roman hyacinths are good but are having no call. Daffodils are in good demand and the quality is excellent. Lily of the valley is decidedly scarce, as are also good Easter and calla lilies. There is a large supply of fine sweet peas on the market, and sales are good. Of all bulbous stock there is a large supply and a varied assortment.

NOTES.

The Rhode Island Horticultural Society announces two special meetings. Thursday, March 2, at 8 p. m., at the Elysium hall, H. A. Emerson of the New York state department of foods and markets will speak on "The Distribution of Agricultural Products for the Benefit of the Producer and Consumer." The Horticultural Society is co-operating with the Housewives' League and other state organizations in arranging this meeting, and Friday, March 3, at Manning hall, Brown University, W. N. Craig, president of the National Association of Gardeners, will speak on "Beautifying the Home Grounds," and will deal with the small home garden and the making of lawns and paths.

The Easter stock this year will be good from all indications, although the growers will have a hard time holding back some of the large azaleas that are coming in fast now.

The Flower Growers' Depot opened up its new store on Westminster street this week and is making displays of carnations and roses.

Macnair had the decorations for the Masonic entertainment and dance, and the Cranston Police Relief Association ball this week.

H. A. T.

For Names

You Will Need

The American : :
Florist Company's

-- TRADE --
DIRECTORY

1915

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THE AMERICAN FLORIST COMPANY'S Trade Directory, for 1915, fully revised, is indispensable in mailing catalogues and circulars to the trade. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

**American
Florist Co.**

440 S. Dearborn St.

CHICAGO

Ready Reference Section.

10 CENTS PER LINE, NET.



AGERATUMS

AGERATUM. Splendid blue R. C., 60c per 100; \$5 per 1,000. Prepaid. Cash. BRILL. CELERY GARDENS, Kalamazoo, Mich.

ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenii, 2 1/4-in., \$2.50 per 100. Pochlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALTHEAS

Altheas, 3 year, 4 feet, very bushy colors, \$5 per 100. W. L. Lux, R. F. D. 7, Topeka, Kans.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Robusta Compacta, 3 to 4 tiers, \$1.50; \$2 and \$2.50 each. Excelsa, 4 to 5 tiers, \$1.50; 5 tiers, \$2. Pochlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hinkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. Extra choice heavy 3-in., \$4.50 per 100; 4-in., \$8. SPRENGERI, 3-in., finest grown, \$4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus plumosus and Sprengeri. For sizes and prices, see advertisement elsewhere in this issue. George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Asparagus plumosus, 3-inch, \$6 per 100. Made-up pans and 7-inch pots, \$4 per doz. Sprengeri, 2 1/4-inch, \$2.50 per 100. Pochlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/4-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2 1/4-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPIDISTRAS.

Aspidistra. For varieties and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Aspidistra lurida, 5-inch, \$1 each. Pochlmann Bros. Co., Morton Grove, Ill.

ASTERS.

Asters. Dreer's Superb Late Branching. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Simon Mardner, Verrucana, Niobe, Jean Peters, John Llewellyn, well budded, 75c. \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Verrucana, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2 1/4-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2 1/4-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2 1/4-in.	3.00
Smithii, 2 1/4-in.	3.00
Chatelaine, 2 1/4-in.	3.50

ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2 1/2-in. pots	\$ 12.00
Cincinnati, 2 1/2-in. pots	15.00
Mrs J. A. Peterson (new), 2 1/2-in. pots	25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Cincinnati, 2 1/2-in., \$15 per 100; \$120 per 1,000. Lorraine, 2 1/2-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2 1/2-in., \$5 per 100; \$40 per 1,000. 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2 1/2 and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

Begonia luminosa (red); Erfordii (pink), 2-in., bushy stock, \$2.00 per 100; luminosa (red), transplanted seedlings, fine plants, 75c per 100. Cash.

BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonias, Gloire de Chatelaine, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$8; 4-inch, \$15. Pochlmann Bros. Co., Morton Grove, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2 1/4-inch. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

RUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwoods. Bushes, pyramids, standards, etc. For sizes and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Boxwoods. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Asiatica, \$2.50 per 100; Buddleia Magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 8-10, case of 225, \$17; 9-10, case of 100, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kas-tung Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Dahlias and gladiolus. For varieties and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Single ever-blooming tuberous. Best for florists, \$1 per 100; \$7 per 1,000. SCOTT FLORAL CO., Navasota, Texas.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

CALADIUMS.

Caladium, Fancy leaved. Vaughan's Seed Store, Chicago and New York.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Burbank, Pennsylvania, F. Vaughan, Mrs. Kelsey, Wyoming, Premier, David Harum, Cleveland, Strong 2 eyes roots, \$1.50 per 100, 25 at 100 rate. Cash. W. H. CULP & CO., Wichita, Kansas.

CANNAS, Austria, Italia, \$1 per 100; Indiana, Louisiana, Venus, Halley's Comet, \$1.25 per 100. Mrs. A. F. Conard, Elizabeth Hass, Wyoming, King Humbert, \$2.50 per 100. W. L. LUX, R. F. D. 7, Topeka, Kans.

Cannas, Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas, dormant roots. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Canna roots, 2 to 3-eye. For varieties and prices, see advertisement on front cover page. A. Henderson & Co., 211 N. State St., Chicago.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

150,000 choice cuttings for February and March shipments. Order now for immediate or later delivery.

	100	1000
Aviator	\$12.00	\$100.00
Nebraska	12.00	100.00
Pink Sensation	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akelurst	6.00	50.00
Champion	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Benora	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Victory	3.00	25.00

250 of any variety at 1000 rate.

Cuttings taken from strong, healthy plants grown on cuttings only. Samples of blooms, showing quality of stock, sent upon request. We guarantee cuttings to give satisfaction. Write us for special quotation on large quantities. ROLF ZETLITZ, LIMA, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.		
Ariator, scarlet.....	100	1,000
Pink Sensation.....	\$12.00	\$100.00
Beacon.....	3.00	50.00
White Wonder.....	3.00	25.00
Matchless.....	3.00	25.00
Gloria.....	3.00	25.00
Princess Dagmar.....	3.00	25.00
Benora.....	3.00	25.00
Rose Pink Enchantress.....	2.50	20.00
Enchantress.....	2.50	20.00
Mrs. C. W. Ward.....	2.50	20.00
Philadelphia.....	2.50	20.00
Peerless Pink.....	2.50	20.00
Northport.....	2.50	20.00
Conquest.....	2.50	20.00
White Enchantress.....	2.50	20.00
25 or more at 100 rate. 250 or more at 1,000 rate.		

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

CARNATION CUTTINGS—A 1 QUALITY. Clean healthy stock taken from selected plants. Per 100 Per 1,000		
Mrs. C. W. Ward.....	\$2.50	\$18.00
White Enchantress.....	2.00	15.00
Rose Pink Enchantress.....	2.00	14.00
Light Pink Enchantress.....	2.00	12.00
White Perfection.....	2.00	15.00
Afterglow.....	2.00	15.00
Winsor.....	2.00	13.00
Victory.....	2.00	15.00
Bonfire.....	2.00	15.00
Zoe Symonds.....	2.00	14.00

J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS. Taken from the best stock sold in the Chicago market. Ready for immediate delivery:		
Ariator.....	100	1,000
Enchantress.....	\$12.00	\$100.00
White Enchantress.....	2.00	18.00
Victory.....	2.00	15.00
Corise Winsor.....	5.00	40.00
Enchantress Supreme.....	3.00	25.00
Matchless.....	3.00	25.00
White Wonder.....	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS. 100 1,000		
Enchantress.....	\$2.00	\$18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Rosette.....	2.50	20.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	15.00
Champion.....	3.00	25.00
Carnegie.....	2.00	15.00
Victory.....	2.00	18.00

WIEYOR BROS.,
162 N. Wabash Ave., Chicago.

CARNATIONS.
Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

BIG BARGAIN.
20,000 Winsor and Light Pink Enchantress carnation cuttings at greatly reduced prices while they last. Stock is in A1 condition! strong, healthy and well rooted, but must be moved to make room. Only \$10 per 1,000, so order as early as possible, for this is a bargain that is rarely offered. Hurry!
J. A. BUDLONG,
184 N. Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS— A 1 STOCK. 100 1,000		
Enchantress.....	\$2.00	\$17.00
White Enchantress.....	2.00	17.00
White Perfection.....	2.00	17.00
Ward.....	2.00	17.00

A. T. PYFER & CO.,
30 East Randolph Street, Chicago, Ill.

Carnations—Nebraska, Belle Washburn, Ariator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

CARNATIONS.

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.
100 1,000
Enchantress.....\$2.50 \$20.00
White Wonder.....3.00 25.00

SINNER BROS.,
158 North Wabash Avenue, Chicago.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2.00 per 100; \$18 per 1,000. Beacon, Washington, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc. Queens, New York.

Carnations, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

ROOTED CARNATION CUTTINGS FROM
SAND.
Enchantress.....\$15.00 per 1,000
Nic. Reding, 6731 Ridge Ave., Chicago.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. F. Dörner & Sons Co., Lafayette, Ind.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

CHRYSANTHEMUMS.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Linwood Hall.....	2.00	15.00

YELLOW	Per 100	Per 1,000
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	.....
Bonnafton.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	.....

PINK	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	.....

CRIMSON	Per 100	Per 1,000
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	.....

J. D. THOMPSON CARNATION CO.,
Joliet, Illinois.

CHRYSANTHEMUMS.
Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS. Rooted cuttings, fine stock grown cool and in full light. Mrs. Buckbee, Roman Gold, Dr. Enguehard, Chrysolora, Pink Chieftain, Maud Dean, Golden Gold, Chas. Razer, Patty, Smith's Advance, Maj. Bonnafton, Robert Halliday, Unaka, \$2 per 100, \$18 per 1,000, prepaid, New Early Frost, \$5 per 100, prepaid.

JOSEPH BANCROFT & SON INC.,
Cedar Falls, Iowa.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100; 2 1/2-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS, 12 standard varieties, bushy, pinched, 2 1/2-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Coleus in ten different varieties, 2 1/2-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, beautifully colored, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CUT FLOWERS.

We have a full line of the best varieties of cut flowers; we have the largest and best equipped store in New York. Can handle more consignments of good stock! One good turn deserves another.

GUTTMAN & RAYNOR, INC.,
Wholesale Florists,
101 W. 28th Street, New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including Improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000; 3-inch in bloom, \$8 to \$10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

Cyclamen, well flowered and budded, best strain. For prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRIS CO., Rutherford, N. J.

Cyclamen, 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$7.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, strong divisions: California, \$1 per 100. Lyndhurst, Sylvia, Minnie McCullough, Wright, \$1.50 per 100. Jack Rose, Jamaica, Coquette, Queen's Messenger, Czar Ferdinand, \$2.50 per 100. W. L. LUX, R. F. D. 7, Topeka, Kans.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE, Special strain, 2 1/2-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2 1/2-in., \$25 per 1,000. Pyfer & Olsen, Wilmette, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored, 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

Dracenas, Amabilis, 6-in., \$1.25 each. Baptistii, 6-in., \$1.25. Massangeana, 5 1/2-in., 75c. Imperialis, 5-in., \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/2-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c; 10-in., \$2 to \$2.50; 12-in., \$3 to \$3.50. 5-in. Boston and Roosevelt only, 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. For varieties and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

FERNS.

FERNS. BOSTON. Fine established, 2½-in., \$4 per 100; 4-in., \$12.50. **THE WAGNER PARK NURSERY CO.,** Sidney, O.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. **P. S. Randolph & Sons, R. D. 1, Vernon, Pa.**

Hardy ferns. Illustrated descriptive list mailed free. **Ludvig Mosbæk, Ferndale, Askov, Minn.**

Ferns for dishes, 2½-in., \$3 per 100; 3-in., \$5 per 100. **Poehlmann Bros. Co., Morton Grove, Ill.**

Boston ferns, 4-inch, 10c each. Cash, please. **EDGAR EASTERDAY, Nokomis, Ill.**

Ferns. **Joseph Heacock Co., Wyncote, Pa.**

GERANIUMS.**ROOTED GERANIUM CUTTINGS.**

The following "SUPERB BEDDERS": **S. A. Nutt**, dark red; **DBL. Gen. Grant**, bright red; **Mme. Buchner**, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. **The W. T. BUCKLEY CO., Springfield, Ill.**

Geraniums. **S. A. Nutt and A. Ricard**, 2 and 2½-in., \$2.50 per 100. **Beauty of Poitevine**, 2 and 2½-in., \$3 per 100. **Mme. Salteroi**, 2-in., \$2.50 per 100. **The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.**

GERANIUMS. **S. A. Nutt and Mme. Buchner** (double white) **R. C.**, \$1 per 100; \$10 per 1,000. Cash. Prompt shipment. **BRILL CELERY GARDENS, Kalamazoo, Mich.**

Geraniums. **Nutt, Pressly, Gen. Grant**, 2½-in., \$25 per 1,000. **Wilmette**, largest and best pink, \$50 per 1,000. **Pyfer & Olsem, Wilmette, Ill.**

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. **F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.**

Geraniums. **S. A. Nutt**, \$12.50 per 1,000; **Ricard and Poitevine**, \$15. **A. M. Herr, Lancaster, Pa.**

Geraniums. **S. A. Nutt**, 2-in., \$2 per 100; \$18.50 per 1,000. **Elmer Rawlings, Allegany, N. Y.**

GLADIOLI.

GLADIOLUS BULBS AND BULBETS. PLANTING STOCK of **Mrs. Francis King, Augusta and America**, carefully grown and true to label. Third, fourth and fifth size bulbs at lowest thousand rates. We are headquaters and bulbs bought from us when matured will bring pedigree stock prices. **VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.**

HEADQUARTERS FOR GLADIOLUS AUGUSTA. The florists' white, in all sizes; 30 other vars. —all Long Island grown. Send for list.

GEO. J. JOERG, New Hyde Park, Long Island, N. Y.
Gladioli. **America**, \$9 per 1,000; **Augusta**, \$11.50; **Francis King**, \$9.50; **Panama**, \$35. **St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.**

Gladioli. For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store, Chicago and New York.**

Gladioli cheap to close out, about 40,000 named sorts. **C. S. TAIT, Brunswick, Ga.**

GREENS.

Greens, **Lyrata**, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. **Caldwell, the Woodsman Co., Evergreen, Ala.**

Greens, **Lyrata**, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. **E. A. Beaven, Evergreen, Ala.**

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage. **New York or Chicago**, \$16 per 1,000; \$3.50 per 500; \$4.50 per 250 pips. **Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.**

Lily of the Valley. **Berlin and Hamburg**, cases of 3,000 pips, \$40 each; case of 1,000, \$14.00; cases of 250, \$4.00. **J. M. Thorburn & Co., 53 Barclay St., N. Y.**

Lily bulbs, fall delivery. Write for prices. **The Yokohama Nursery Co., Woolworth Bldg., New York.**

Lily of the valley, cold storage. **Brunn's Celebrated Chicago Market Brand**, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. **H. N. Bruns, 3032 Madison street, Chicago.**

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. **The Storrs & Harrison Co., Painesville, O.**

Heliotrope Centefleur, 2½-in. **Vaughan's Seed Store, Chicago and New York.**

HYDRANGEAS.

Hydrangeas, **Otaksa** and French varieties such as **Mme. Emil Mouilliere Avalanche**, **E. G. Hill**, **Gen. De Vibraye**, **Mme. Hamar**, **Mme. E. Chautard**, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. **Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.**

Hydrangeas. French and **Otaksa**. For sizes and prices, see advertisement elsewhere in this issue. **The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.**

HYDRANGEAS. **Otaksa**, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. **ERNEST ROBER, Wilmette, Ill.**

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. **HENRY SMITH, Grand Rapids, Mich.**

IRISES.

Irises, Catalogue now ready. **Peterson Nursery, Stock Exchange Bldg., Chicago.**

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. **C. L. Van Meter, Monticello, Iowa.**

English Ivy, strong 4-in., \$12 per 100. **The Storrs & Harrison Co., Painesville, O.**

MOONVINES.

Moonvines, **fuchsias**, **geraniums**, **alternantheras**, **lemon verbenas**, **swainsona**, **ageratum**, 6 varieties; **parlor ivy**, **dusty miller**, **alysium**, **giant and dwarf**; **coleus**, 10 varieties; **Salvia Bonfire** and **Zurich**, **Cuphea**, **lantanas**, 6 varieties; 2-inch, \$2 per 100; \$18.00 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. **Coleus**, **ageratum** and **heliotrope**, rooted cuttings, 60c per 100; \$5 per 1,000. **R. Vincent Jr. & Sons Co., White Marsh, Md.**

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Mushroom spawn. **Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.**

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ORCHIDS. **HASSAL & CO.,** Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. **Lager & Hurrell, Summit, N. J.**

PALMS.

Kentias. For varieties and prices, see advertisement elsewhere in this issue. **The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.**

Kentias. For varieties and prices, see advertisement elsewhere in this issue. **Poehlmann Bros. Co., Morton Grove, Ill.**

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. **Joseph Heacock Co., Wyncote, Pa.**

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. **JULIUS ROEHR'S CO., Rutherford, N. J.**

Palms, fine stock of **Kentias** in all sizes. **H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.**

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Pansy plants, giant flowering, \$2.50 per 1,000. **Jos. H. Cunningham, Delaware, O.**

PANDANUS.

Pandanus Veltchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. **P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.**

Pandanus Veltchii, 4-inch, 35c; 5-inch, 50c; 6-inch, 75c. **Poehlmann Bros. Co., Morton Grove, Ill.**

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Peonies. Write for list. **Peterson Nursery, Stock Exchange Bldg., Chicago.**

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Petunias, 2½-inch, dbl. sorts. **Vaughan's Seed Store, Chicago and New York.**

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Primula obconica, deep pink, very large flowered. For sizes and prices, see advertisement elsewhere in this issue. **The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.**

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300,000 California privet, *Berberis Thunbergii*, *Ampelopsis Veltchii*, *Clematis paniculata*, *gladioli*, *cannas*, shrubs, vines, etc. Prices right. LIST READY. **BENJ. CONNELL, Florist, Merchantville, N. J.**

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RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. **Pink Pearl**, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. **ERNEST ROBER, Wilmette, Ill.**

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

	100	1,000
Russell	\$12.00	\$100.00
Rhea Reid	12.00	100.00
Hoosier Beauty	12.00	100.00
Ophelia	12.00	100.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

	\$7.00	\$60.00
Sunburst	7.00	60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted	2½-in. Own Rt.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney	100.00	56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	56.70
Hadley	105.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
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For prices on standard varieties, write us for special quotations.

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EXTRA FINE YOUNG ROSE STOCK.**April Delivery.**

	1,000
White Killarney, 2½-in.	\$35.00
Pink Killarney, 2½-in.	35.00
For March Delivery.	
Hoosier Beauty, 2½-in.	\$50.00
Sunburst, 3½-in.	100.00
A. Ward, 2½-in.	35.00

F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

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ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
White Killarney	2.50	20.00
Richmond	2.50	20.00
Sunburst	3.50	30.00

Satisfaction Guaranteed. Ready Now.

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162 North Wabash Avenue.

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BASSETT & WASHBURN,

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Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

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SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

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SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

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SEEDS.

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SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

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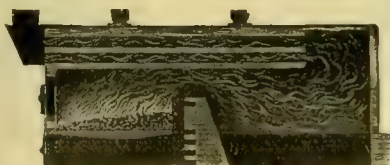
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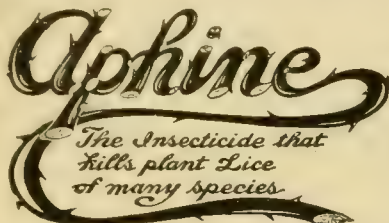
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Quart, \$1.00. Gallon, \$2.50.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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CHICAGO AND NEW YORK, MARCH 11, 1916.

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JAMES MOSS.

Johnsville, Pa., Jan. 24, 1916.

THE MODERN WINTER FLOWERING SWEET PEA.

Paper by Howard M. Earl, Manager for W. Atlee Burpee & Co., Philadelphia, Pa.,
Read Before the Florists' Club of Philadelphia, March 7, 1916.

Development Since Time of Blanche Ferry

To arrive at the development of the
winter flowering sweet pea we must
go back to the introduction of that
fine old variety, Blanche Ferry, for un-
doubtedly the American winter flower-
ing sweet pea can be traced back to
that variety, or the early flowering
mutations which have since arisen
from it. The history of Blanche Ferry
is very interesting, and, strange to say,
the name of its originator is not
known. Over 50 years ago, a quarry-
man's wife in Jefferson county, New
York, procured some seeds from a
bright flowered plant of that very old,
in fact, one of the original varieties,
Painted Lady (this variety was intro-
duced in 1700), and for many years
after she sowed and selected the best
plants from her original selection, thus
carefully and painstakingly improving
her stock of what was in later years
to be known as Blanche Ferry.

W. W. Tracy, Sr., who was then
connected with the firm of D. M. Ferry
& Company, of Detroit, in passing that
way, saw the plants and was immedi-
ately impressed with their distinct
character and obtained a small stock,
only, we believe, about 100 seeds. The
variety was named by the firm,
Blanche Ferry, and was introduced by
them in 1889. In 1895, D. M. Ferry
& Co. introduced an earlier flowering
type of the same variety, calling it
Extra Early Blanche Ferry; then, in
1898, W. Atlee Burpee & Company intro-
duced Earliest of All, this being a
still earlier type than Ferry's Extra
Early Blanche Ferry, and this variety
is what is known on the market, and
grown extensively as Christmas Pink.
There is a much earlier flowering va-
riety of the same color which blooms
sometime before Christmas Pink, but
the growth is smaller and it is ques-
tionable if under glass the flowers at-
tain quite the size of its rather later
blooming counterpart. Undoubtedly,
all our winter flowering sweet peas
have the Blanche Ferry blood in them.
Although the crosses later may not
have been made on that variety, still,

the originals of the type all emanated
from it.

The Telemly sweet pea, which origi-
nated with Rev. Edwin Arkwright, at
Telemly, Algiers, Algeria, Africa, also
sprung from Blanche Ferry. Mr. Ark-
wright explains that a sport from
Blanche Ferry showed itself in his
garden, blooming in February, when
he promptly marked it, and the seed
saved from this plant showed flowers
the following January. From this time
on he got various sports from this,
and also crossed them with some of
the best of the summer flowering
sorts. He explains that he sows all
his peas about the end of September,
and while the summer flowering va-
rieties do not bloom until May, these
early varieties come into bloom
from January. As soon as Count-
ess Spencer was introduced in 1904,
Mr. Arkwright procured it and
has been crossing his original type
with the new waved, or Spencer varie-
ties, and I believe he has now a num-
ber of Spencer early flowering varie-
ties quite fixed to color.

Mention should also be made of the
early flowering type known as Engel-
mann's, who explains that about 1903
some plants of the regular summer
flowering type sported with him pro-
ducing plants of the true winter flower-
ing habit. These he grew for some
years under glass in England, where
he is located, but on account of the
dull weather usually experienced there
throughout the winter, he has ceased
to grow this type, as he can get the
original summer flowering Spencers to
bloom under glass in April.

The first of Zvolanek's varieties of
winter flowering Spencers to be intro-
duced are, we believe, the direct re-
sults of crossing the winter flowering
grandifloras with the summer flowering
Spencer type, but there have also been
introduced several varieties of true
Spencer form, but winter flowering
type, which we understand came as di-
rect sports from the summer flower-
ing varieties, namely, Yarrawa, Rose
Queen and Anita Wehrman.

The origin of that great Australian novelty, Yarrowa, is very interesting. Arthur Yates, of Sydney, explains that for many years sweet peas were looked upon as one of the most difficult plants to grow successfully in the warmer sections of Australia. The regular summer flowering types bloomed in the late spring when they were liable to sudden bursts of hot weather and heavy winds, which often shortened their flowering season to a few weeks. Occasionally they failed to bloom at all. However, the introduction of such varieties as Earliest of All, Mont Blanc, and later, the Telemly and newer American grandiflora varieties, quite revolutionized sweet pea culture in Australia, as these early varieties flowered in the winter and early spring, giving a supply of flowers for several months when practically no other flowers were available. This was a great advance and sweet peas soon became one of their most popular flowers. However, the quality of the winter flowering varieties was so much below the standard of the modern Spencers that the Australian growers were not satisfied, and efforts have been made with considerable success by a few enthusiasts to raise by selection and cross-fertilizing a superior type of the winter flowering varieties of the grandiflora section.

However, a decided advance was in view, as in 1908 there appeared in the garden of a John Young, of Sydney, in a patch of new summer flowering Spencers, one plant of true Spencer type, but quite distinct from all others. It was different in its vigorous habit and upright growth, earliness and color, and was in full bloom when the others were only a few inches high, and had gone to seed before the normal type had commenced to show flower buds. The seeds from this plant were carefully saved and sown the following autumn, when it came quite true to the parent, and instead of remaining more or less dormant all winter, as the original Spencers do, it commenced to bloom in the late autumn and continued to flower right through the winter, going to seed in the early spring, as Telemly and American winter flowering varieties do in Sydney, the winters there being comparatively mild with only light frosts.

This early Spencer is quite distinct in habit from any of the previous early flowering varieties. It is an extremely vigorous grower, and with good cultivation will in the vicinity of Sydney top a 10-foot trellis, while the Telemly and American older varieties grown alongside only attain half the height. The Australians have been working on Yarrowa as the seed bearing parent of many crosses using the best of the summer flowering Spencers, and we believe they have now quite a family of Yarrowas in the best colors, but, so far as we can judge by reports, they are as yet far from being properly fixed, though doubtless in a year or two this will be remedied, and as we consider Yarrowa the easiest doer of all winter flowering sweet peas, if these Australian children of Yarrowa embody the characteristics of the parent, they will be well worth having. My experiences and observations have been that in all lines of plant breeding the experimenter has to admit many times that nature's own crossing produces a type that is far easier fixed than when one sets about to try and obtain a given color, or type, and to no other flower does this apply more than to sweet peas.

Florists were quick to recognize the superior qualities of the Spencer sweet pea which W. Atlee Burpee & Co. first offered in America in 1904 under the name of Countess Spencer, and with the distinct new type came an earnest desire on the part of those interested to produce, if possible, a strain of the proper growth and flowering characteristics for forcing under glass. The first to endeavor to place a type of winter flowering Spencer on the market was Anton Zvolanek, of Bound Brook, N. J., and later of Lompoc, Calif., but his experience, judging from trials I have made, must have been very similar to those which Morse, Burpee and other growers had when trying to fix crosses, or sports of the original, or grandiflora types.

As a summer cut flower, the Spencer so quickly superseded the grandiflora type that it was only natural for florists to be most eager for a winter flowering strain producing the same beautifully waved flowers that today appeal to all flower lovers during practically the entire twelve months of the year. To me it seems that this extreme eagerness was solely responsible



Howard M. Earl.

Manager, W. Atlee Burpee & Co., Philadelphia.

for some selections being placed on the market in an unfixed condition. Such a demand has been created for the seed of the Spencer type for forcing that many growers were satisfied to pay what might be called fabulous prices for seed which did not represent a fixed type, realizing that the high prices obtained for the waved flowers would permit a severe roguing in the bed, or bench, or a careful assorting of blooms after they were cut. The field of sale for seedling forcing sweet peas is very limited, and while watching the work of George W. Kerr at Fordhook, I always had in mind the fact that it was better to "make haste slowly" and arrange to place on the market only those selections of a pleasing color and which came absolutely true to type.

One of the strains of the modern winter flowering sweet pea which I have had the pleasure of watching develop represents practically six years of hard and patient work on the part of Mr. Kerr, and after repeated trials we were forced to concede that it was better and more sure to start at the

bottom and work up slowly in this way, rather than to attempt to fix some of the strains offered to the trade.

As in all other lines of horticultural work, the seedsman is forever on the lookout for something better, and those firms who maintain extensive experimental grounds always have a great number of selections coming on, the majority of which the public will never hear of. This applies to sweet peas as well as to other blooming plants.

To those present who are interested in the development of the modern sweet pea, whether for forcing, or growing out of doors, I extend an invitation to visit the trials at Fordhook Farms during the latter part of June next, when we should have a fine display of all types.

American Carnation Society.

The carnation exhibition at the National Flower Show in Philadelphia, March 25-April 2, will be known as the silver jubilee exhibition. A special silver medal has been struck for the occasion and will be awarded to each winner of one or more first premiums in the competitive classes. These medals will be given in addition to the regular cash prizes. Another feature at this exhibition will be the class for the 12 largest blooms. For this class the Kroeschell Gold Medal is offered. This medal is of beautiful design, is valued at \$50, and should bring out an extraordinary display.

The regular A. C. S. judges will officiate, except in the retail section, which will be judged by W. J. Palmer, of Buffalo; W. L. Rock, of Kansas City, and F. C. W. Brown, of Cleveland. The regular judges are C. W. Johnson, Morgan Park, Chicago; Wm. Nicholson, Framingham, Mass.; R. Witterstaetter, Cincinnati, O.; E. Dailidouze, Brooklyn, N. Y.; E. A. Stroud, Strafford, Pa.; W. J. Palmer, Buffalo, N. Y.

All entries for the carnation exhibit must be in the hands of the secretary not later than March 20. A \$2 fine will be assessed against each entry arriving after that date. Prospective exhibitors will confer a great favor on the clerical force by sending their entries at the earliest possible moment. There is an immense amount of detail work in connection with an exhibition of this size, and nothing should be left that can be done early.

All members of the A. C. S. who have paid their dues for 1916 will be entitled to a season pass to the show. Certificates are being mailed to those whose dues are paid, which will be exchanged at the show for these passes. Please send in your dues at once and a certificate will be mailed to you.

A. F. J. BAUR, Sec'y.

Truffle Hunter Dead:

Giacomo Giavelle, the famous New York truffle hunter, is dead at the age of 64. Giavelle was the man who introduced American sportsmen to the art of shooting truffles over dogs, and also invented the truffling iron—a sort of cross between a niblick and a sty-mie—with which the wounded truffles are dispatched. He always maintained that the American truffle (*Galatinus ferox*, known to scientists as Gamber's truffle) was superior both in strength and cunning to the European species which he had snared as a youth in the forests of Lombardy. — Washington Herald.



DOUBLE SPRAY OF WHITE KILLARNEY ROSES AND CATTLEYS ON CYCAS LEAVES.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Double Spray.

The accompanying illustration is of a double spray, at all times a strong and satisfactory arrangement, suitable to cover the casket lid, in lieu of the more elaborate blanket so often used for the purpose. Its construction is very simple. Two rose sprays are tied rather loosely, the stem ends brought together and bound down to a foundation of two pairs of cycas leaves, which have been brought together and fastened so that they measure six feet from tip to tip. About six inches of the leaves project from either end of the flowers. The center space is then filled in with green and roses, stemmed on sticks and stuck into the foundation afforded by the rose stems when tied together. Violets and cattleyas, together with white roses, make a conspicuous center for this cluster which is finished with a wide orchid ribbon. This can be made with almost any kind or combination of cut flowers. The palm leaves, good heavy specimens, are not much in evidence, only the tips showing, but they form a splendid foundation for the whole, being strong and unyielding in the center, but falling slightly with the weight of the flowers at the ends. A wreath of violets may be placed in the center, being especially good when it is used as a casket cover.

Looking Ahead to Easter.

Now that the Lenten season has set in, the time will travel fast to the greatest floral festival of the year. Many will say it is too early yet to do any decisive work, but will wait and see what the prospects are, and get a line, if possible, on the volume of business, etc. Delays are dangerous, however—being prepared is half the battle, and what is done now is a foundation to build on. Look over last season's record. Every live florist will have made a record showing all the details of that busy time, the va-

rieties of plants that sold best, where they came from, their cost, and what was left. Also the filled baskets, the shapes that were practical, the combinations that sold best, the delivery and how it was conducted, and the extra help. All the various details as shown by the last year's record are brought fresh to the mind, the successes being noted as well as the things to be avoided. This is the time to look into all these matters before any false steps have been taken or stock ordered that last season's record shows was not profitable.

With all this before one, the planning for this year's business is much simplified—more or less of this or that plant is to be ordered as proved by the experience of last year. The entire list can be made out, and is then ready to be apportioned amongst the various growers as a later inspection of their stock warrants. Care must be taken, when ordering, that a careful record is kept and checked up on the list required, or too much of this or that plant is pretty sure to come in at the last.

The store man who has no conservatory or greenhouse, will find it best to have his basket work done by a grower, he supplying the special additional plants he desires used, or he can send his own men to do the work a week or ten days ahead, the stock being then taken care of by the grower and delivered to the store as desired. It is best, if possible, to select a basket of special design and coloring and run it in various sizes, as it has an added value by being exclusive. In nearly every large wholesale house, such a line may be found and colored to order. Zinc linings are a necessity and no good plant baskets are now used without them. The open mesh design showing the enameled zinc lining colored to get the desired effect are popular and of medium price.

The importance of the Easter trade cannot be over-estimated. Men may say: "We get all we can do anyhow, why should we try to get more?" Many of the trade do nothing, save

perhaps send invitations to inspect their display, towards working up the business, before the busy time arrives. Facts about all the plants of the season and the great importance of the festival; how the beautiful custom of exchanging greetings with lovely, blooming plants has grown in the past few years until it has become universal; a brief history of the most popular plants; the story of the Easter lily—all these, and other items sent out weekly, in leaflets, arouse interest in the event, calling your stock and store to mind with each visit, so that when the week of weeks arrives, the interested patron is almost sure to be on hand with a bunch of orders that amply repay your efforts.

Going through an Easter business is a great strain, but the work can be made to run smoothly and with less friction, and much more accomplished with less effort, if it is carefully thought out and systematized. Generally, there is not intelligent help enough to wait on the customers when the rush comes. In every large city there are universities, where young men, students anxious to make a few dollars, can be had for two or three days at a time during the Easter holidays. One day breaks them in, and they are a great help during the rush times that follow. This, and a good delivery system, are two most important factors in the successful handling of an Easter business. There are always a lot of out-of-town orders that require to be crated for shipping. Assorted sizes of boxes, partially crated, can be gotten ready and with these on hand, the work of packing is much easier and things go out on time.

It is the night work following the busy day, and continued from day to day, that makes the holiday business so wearing. Men become so worn out and exhausted that half their efficiency is gone. Much of this drudgery can be avoided by careful planning and looking ahead, so that when the busy time arrives, all the before hand helps are available to relieve the strain that is inevitable at this busy period.

K.

ILLINOIS STATE FLORISTS' ASSOCIATION.

Eleventh Annual Meeting and Exhibition,
Moline, March 7-8, 1916.

The Exhibition.

The eleventh annual convention of the Illinois State Florists' Association was held at the Turner hall, Sixth avenue and Fourteenth street, Moline, March 7-8. There were quite a number of exhibits from Rock Island, Moline and Davenport, with good representative exhibits from the other sections of Illinois and Indiana. Bassett & Washburn, Chicago, exhibited three fine vases of Ophelia, Sunburst and Mrs. George Shawyer roses, and a magnificent vase of their new carnation, Belle Washburn, in addition to fancy orchid flowering sweet peas, calendulas and young rose and carnation plants. Vaughan's Seed Store, Chicago, staged a fine vase of the beautiful canna, Firebird, which attracted much favorable attention, and also Hydrangea Otaksa, in bloom. Arvid Anderson showed a vase of his red carnation, Mrs. C. H. Deere, and a fine white seedling, No. 100. The E. C. Amling Co., Chicago, staged a number of vases of Rainbow freesias, grown by Alois Frey, Crown Point, Ind.; a magnificent vase each of Killarney Brilliant, White Killarney, Milady and Sunburst roses, grown by Wendland & Keimel, Elmhurst, and Killarney Brilliant and Ophelia roses grown by Meyer & Dramm, Elmhurst. The floricultural department of the University of Illinois showed their new pink seedling carnation, No. 1 (12), and C. Loveridge exhibited two vases of forget-me-nots and snapdragons. A. Washburn & Sons, Bloomington, had a table of splendidly grown sweet peas and violets, and F. B. Smith & Sons, Danville, exhibited their new pink seedling carnation No. C. 208. The Mt. Greenwood Cemetery Association, Morgan Park, had a large exhibit of splendidly grown carnations, consisting of their red seedling No. 24-12A, white seedlings, 140-09, 140-09A, pink seedlings No. 39-12A, and No. 1-12B. Henry Baer, Peoria, exhibited carnations, among the varieties being Benora, Enchantress, White Enchantress, White Wonder, Mrs. C. W. Ward, Philadelphia, Commodore and Enchantress Supreme. The Davis Floral Co., Davenport, Ia., made an excellent showing of Boston ferns, and Wm. Knees & Sons, Moline, had a nice display of amaryllis, lilies, azaleas and begonia plants. Julius Staack & Sons, Moline, made a splendid showing of boxwood bushes, azaleas and other flowering and decorative plants. H. G. Pauli, Davenport, exhibited a large number of miscellaneous plants, with azaleas occupying a prominent part. The City Park greenhouses, Davenport, made a big showing of cyclamens and primroses, and C. D. Wiman (Arvid Anderson, Gr.), a collection of cinerarias. Henry Gaethje, Rock Island, had on exhibition a line of flowering plants representing a beautifully laid out suburban home, with a complete landscape effect, which was easily the hit of the exhibition. The A. A. Arnold Paper Box Co., Chicago, had a fine display of folding cut flower boxes, and Kroeschell Bros. Co., of the same city, exhibited illustrated photos of their new

high pressure steam boilers. The exhibit of Kohen & Hiller, New York, consisted of ribbon, chiffon, shields and Elizabeth dolls. The Ionia Pottery Co., Ionia, Mich., showed a general line of flower pots, hanging baskets and lawn vases. The Pittsburgh Plate Glass Co., Davenport, Ia., showed paints, brushes, putty, insecticides, etc., and the Gordon Van Tine Co., Davenport, displayed hot bed sash and greenhouse material. The A. L. Randall Co., Chicago, had a large exhibit of greenhouse and store supplies, including St. Patrick's day novelties. The Ideal Lighting Co., Davenport, interested the visitors with a showing of self-watering flower boxes. I. L. Pillsbury, Galesburg, was on hand with his handy carnation staples, and the Florists' Exchange, New York, showed a collection of floral albums. Wertheimer Bros., New York, exhibited ribbons and chiffons, and the Foley Greenhouse Manufacturing Co., Chicago, greenhouse materials. The Burlington Willow Ware Shops, Burlington, Ia., used a large room to display their baskets and showed a complete and interesting line. The W. W. Barnard Co., John C. Moninger Co., A. L. Randall Co., A. Henderson & Co., Bassett & Washburn, Chicago; Gordon Van Tine Co. and the Ideal Lighting Co., Davenport, Ia., had wall space in the hall and nearly all had representatives on hand.

The Business Meeting.

Owing to the late arrival of many of the visitors, the business session did not open until nearly 3 p. m., but Secretary J. F. Ammann arranged to have Mayor Martin R. Carlson on hand to address the members in the exhibition hall previous to the meeting. He was introduced by Harry Bills, of Davenport, and I. L. Pillsbury, of Galesburg responded. The meeting was called to order shortly after by President Johnson in a large room above the exhibition hall, and was largely attended. O. E. Steinkamp, secretary of the State Florists' Association of Indiana, in a letter invited all the members to attend the next meeting of the American Carnation Society at Indianapolis, Ind., and urged all the growers to make some kind of an exhibit.

The nomination and election of officers for the ensuing year resulted as follows: C. W. Johnson, Morgan Park, president; I. L. Pillsbury, Galesburg, vice-president; J. F. Ammann, Edwardsville, secretary; F. L. Washburn, Bloomington, treasurer.

F. L. Washburn invited the society to hold its next semi-annual meeting at Bloomington, and Professor Dorner called attention to the fact that it might be advisable to hold another meeting at Urbana in the near future.

The committee on secretary's report, consisting of W. J. Keimel, Geo. W. Jacobs and Allie Zech, recommended that an amendment to the constitution be made to the effect that anyone eligible to membership in the association might become an associate member upon payment of \$1, with dues of \$1 per year until the amount of \$10 had been paid,

at which time the associate member became a life member, and was exempt from further dues. Persons at present members of the association may become life members by payment of the difference between the amount paid into the treasury for dues and the \$10 required for life membership.

The recommendations embodied in the president's address were approved by the committee, consisting of George Asmus, C. L. Washburn and H. B. Dorner.

The treasurer's books were audited and his report approved as read by the committee, consisting of A. C. Kohlbrand, I. L. Pillsbury and John Staack.

Professor E. G. Lauterbach, Urbana, read Professor Peltier's paper, who was unable to be present.

President Johnson's Address.

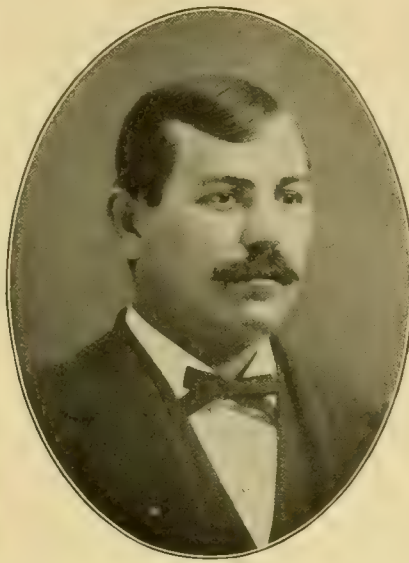
Members of the Illinois State Florists' Association: We are now assembled for our eleventh annual convention and exhibition. At the annual meeting held a year ago at Urbana it was proposed that we hold two meetings each year—a fall meeting at the Illinois State Experiment Station, Urbana, and the annual meeting and exhibition in March at some other point in the state, to be designated each year. It was also decided at that time to accept the invitation of the Tri-City Florists' Club and meet with them in Moline at this time. Your executive committee held a session in Peoria, August 31, 1915, at which time the secretary reported being informed by the officials in charge of the experiment station that the month of March was the most suitable time for our association to meet with them, so the fall meeting of 1915 was dropped and the committee decided to go ahead with this meeting, as proposed, and invite the Iowa florists to meet with us.

I am sure that we all recognize the good work that is being done at the experiment station and the personal interest it should have for every member, but I do not believe that the best interests of the association can be served by localizing our annual meeting at any one particular point. I therefore suggest to you the careful consideration of this matter. This is the first time that we have met in the far western part of the state, and I feel sure that the association will greatly profit by it, and that every member will be benefited beyond measure for any sacrifice he has made to attend this meeting. It will enable us to get acquainted with the florists of this part of the state, as well as those from our neighbor state of Iowa.

I know that you will agree with me in saying that a good programme has been arranged for our benefit. After the reports of the officers of the association have been given, Professor F. W. Muncie will report on the work on fertilizers which has been carried out at the experiment station and Professor G. L. Peltier will report on the pathological work. I doubt if many of us fully appreciate what is being done to solve some of the problems along these lines. They are now of great importance, and will continue to become more so as the time goes by. Investigation and research of this character require time to arrive at any definite results whereby it would be safe to advise the average florist to follow, but I firmly believe that the different lines of



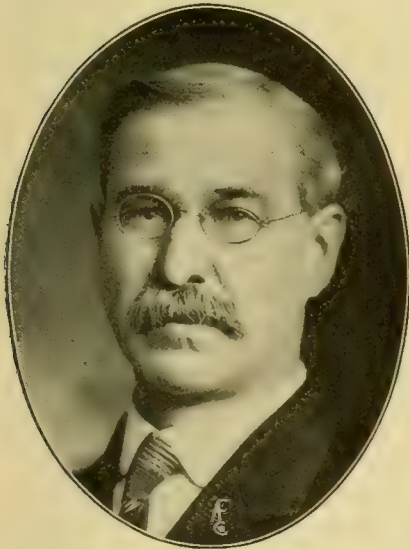
C. W. Johnson
President Illinois State Florists' Association.



J. F. Ammann.
Secretary Illinois State Florists' Association.



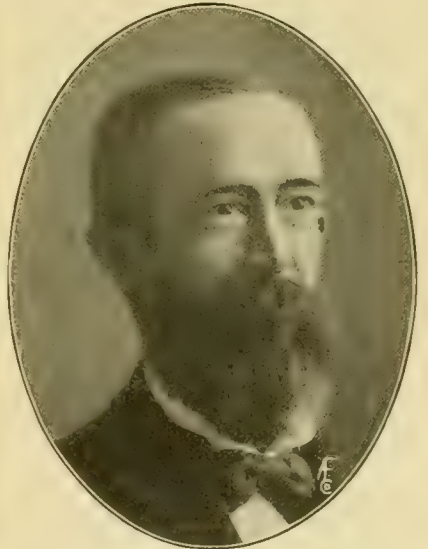
A. C. Kohlbrand.
Fourth Vice-Pres. Illinois State Florists' Ass'n.



I. L. Pillsbury.
First Vice-Pres. Illinois State Florists' Ass'n.



Frank L. Washburn.
Treasurer Illinois State Florists' Association.



E. W. Guy.
Second Vice-Pres. Illinois State Florists' Ass'n.



H. B. Dorner.
Professor of Floriculture, University of Illinois.



A. C. Brown.
Third Vice-Pres. Illinois State Florists' Ass'n.



John Staack.
Seventh Vice-Pres. Illinois State Florists' Ass'n.

SOME PROMINENT MEN IDENTIFIED WITH THE ILLINOIS STATE FLORISTS' ASSOCIATION CONVENTION AT MOLINE, MARCH 7-8.

work now being carried out by these gentlemen are going to be of the greatest value, not only to the florists of this state, but to those who live in other parts of the country as well. Therefore, permit me to ask of each member their earnest thought and consideration of the reports presented by Professors Muncie and Peltier.

"Christmas and Easter Flowering and Foliage Plants" is the topic of a paper to be read by W. E. Tricker, superintendent of Vaughan's Greenhouses, Western Springs, Ill., and I feel sure it will be listened to with the greatest of interest by everyone present. A new era appears to have been opened up for these plants, the demand at the holidays for first class stock being greater than the supply, and I know that Mr. Tricker, with his well-known experience, will give us many helpful pointers on the growing of these plants.

Professor H. B. Dorner is to speak to us on what the division of floriculture is doing. Professor Dorner informs me that there are now more students taking up the study of floriculture than at any other time. I have had the privilege of having some of these students work with me during the summer months, and have found them to be clean cut, earnest young men, and the question that presents itself to me is—"How are these young men going to be received by the trade after they are through with their studies? Will they receive remunerative salaries commensurate to the study they have put in to have made their efforts worth while?" Surely, these young men, trained to the conditions of this country, ought to be able to show better results than men of more mature years who have not had the same advantages. A talk on "Soils" by Dr. W. E. Taylor should also prove of special interest to all growers, and I would urge that every member enter into the spirit of the meeting, take part in the discussion, and give us the benefit of their experiences.

Just a few words for the good of the association, the first matter being the non-payment of dues. The secretary advises me that he is at his wits' end to find a way to induce the members to pay their dues regularly. It certainly cannot be the annual amount of \$1.00 that is standing in the way, but it seems to be just neglect on the part of the members to attend to the matter on time.

I am not sure whether our association is eligible to affiliate with the Society of American Florists under its rule of 100 paid S. A. F. members, and I would suggest that the secretary take the matter up with Secretary John Young of the S. A. F. To my mind, a representative from every state society in the union on the board of directors of the national society would be an ideal arrangement. If it can be done, let our association be the first.

As a state association I believe our work should cover a more extended field than the florists' clubs of the cities, and that we should aim to get into close relations with the commercial bodies of the state. Permit me, therefore, to suggest that a committee be appointed to bring this about. Permit me also to suggest that a certificate of membership be drawn up, signed by the president and secretary, and given to each member to hang in his place of business. There is a growing interest among improvement

societies and women's clubs throughout the state to hold local flower shows during the summer months, and I believe that we as an association could help in this work by contributing a display through our membership and assist in the judging of the exhibits.

The wet summer of 1915 was a bad season for the carnation plants in the field, and to it can be traced, to a great extent, the reason of the short supply of carnation flowers during the winter, but it would seem that growers are not watchful enough of their plants and fail to govern themselves according to the conditions of the weather. The grower who brought in his carnation plants early and thus saved them from a great deal of the wet weather has been well repaid by being able to supply a good lot of flowers at a high price. I wish that every member will feel himself duty bound to give us his views on any subject for the good of the association and our work.

I wish to thank the secretary for his work during the past year, and also to thank the local committees and members of the Tri-City Florist Club who have done so much to make this convention and exhibition a success.

As a closing word of appreciation to my fellow members of the Illinois State Florists' Association, I thank you for your confidence and presence here, and trust that our association will continue to grow in strength and usefulness as the years come and go.

Secretary Ammann's Report.

Your secretary is pleased to report the addition of one life and eight annual members during 1915.

Three members have preceded us into the great beyond during the past year, namely, D. U. Augspurger, of Peoria; Albert C. Rott, of Joliet, and John Zech of Chicago. May those bereaved by their passing find solace in the words of our one great Comforter, Jesus.

The matter of delinquent dues is of such importance that your secretary feels something should be done about it. Our constitution does not provide for the suspension of any member for non-payment of dues, nor does your secretary recommend any such provision; rather, in lieu of it, I would suggest the elimination of annual membership dues altogether, and instead amend the constitution so as to have just two classes of paying members, as we now have, except that the one dollar member be an associate member only, with no further dues to pay, and all those paying in or having in the past paid the sum of \$10 as dues shall be made active life members. This would eliminate the nuisance of trying to collect annual dues and still not collecting but a very small percentage of them. The interest from a life membership fund and the associate membership dues together would pay the running expenses of the association. I recommend this for your earnest consideration.

SECRETARY'S FINANCIAL STATEMENT.

Received, annual dues for 1915. \$59.00
Received, life membership dues.. 10.00

\$69.00
Paid for Secretary's expense.... \$31.62
Paid for printing 17.75
Paid Treasurer's certificates..... 12.50
Paid for postage 11.85

\$73.72

J. F. AMMANN, Sec'y.

The Social Session.

The social session held at the Moline Club rooms was a great success and over one hundred sat down to the banquet tables and were treated to a number of songs, well rendered by a local glee club. H. B. Dorner, assistant professor of floriculture at the University of Illinois, gave a lengthy talk on what the division of floriculture is doing and which proved very interesting. W. E. Taylor spoke and surprised all those present by giving a history of the business from its infancy, and quoting government statistics that even the members were not acquainted with. His talk was the hit of the evening and was both amusing and instructive and led one to believe that he was a professional speaker instead of one merely being invited to speak as a guest. It was nearly eleven o'clock when the party broke up, and it is needless to add that it was one of the most enjoyable affairs that the members ever attended. On Wednesday, the visitors were the guests of the Tri-City Florists' Club and the day was spent in an inspection of the greenhouses and other places of interest. The Rock Island, Moline and Davenport florists are certainly entitled to much credit for the way they all worked together and the splendid showing that they made at this convention.

Judges' Report on Exhibits.

Davis Floral Co., Davenport, large and well staged display of well-grown Boston ferns in 4 to 8-inch pots; also table of begonias and cyclamens.

H. G. Pauli, Davenport, display of well grown plants shown in hampers and baskets.

Arvid Anderson, gardener for Deere-Wiman estate, palms, cinerarias, Primula malacoides and cyclamens, all exceptionally well grown; honorable mention. Also showed white seedling carnation, No. 100, scoring 88 points, and entitled to the association's certificate of merit; also, red seedling, Mrs. C. H. Deere, honorable mention.

Davenport City Park greenhouses, display of double Primula obconica, new to the committee and considered worthy of certificate of merit.

Wm. Knees & Sons, Moline, Lilium Formosum, azaleas, amaryllis, dwarf cedars and begonias.

John Staack & Sons, Moline, fine group of boxwood, lilacs and azaleas; special mention. Also large display of well-grown roses in the following varieties: Mrs. Chas. Russell, Ophelia, Richmond, Killarney, Cecile Brunner. Also cut tulips in all shades, white and yellow marguerites, Prince of Wales violets, carnations, lily of the valley, mignonette, daffodils, freesias and hyacinths.

Bassett & Washburn, Chicago, excellent vases of long-stemmed Mrs. George Shawyer, Ophelia and Sunburst roses. Belle Washburn carnation was shown in its usual fine form; also several vases of sweet peas with exceptionally long stems, worthy of special mention. They also showed a group of healthy young carnation plants and grafted roses in 3-inch pots.

Wendland & Keimel, Elmhurst, several vases of long-stemmed, well-grown Killarney Brilliant, Mrs. Aaron Ward, White Killarney and Milady roses.

C. Loveridge, Peoria, vase of forget-me-nots, handsome vase of well-grown snapdragons with stems fully four feet

long, White Wonder and Herald carnations; also vase of well-colored Prince of Wales violets.

Vaughan's Seed Store, Chicago, cut blooms of Canna Firebird and hydrangeas in flower.

E. C. Amling Co., Chicago, highly commendable display of Frey's Rainbow freesias, sweet peas and double and single violets.

Meyer & Dramm Co., Elmhurst, vases of excellent long-stemmed Ohelia and Killarney Brilliant roses; worthy of special mention.

A. Washburn & Sons, Bloomington, Prince of Wales violets and well-grown sweet peas.

Henry Baer, Peoria, vases of Benora, Enchantress Supreme, White Enchantress, White Wonder, Mrs. C. W. Ward, Philadelphia and Commodore carnations.

H. Johann, Collinsville, vase of well-grown Enchantress Supreme carnations.

F. B. Smith's Sons, Danville, vase of Pink Sensation and vase of crimson seedling carnation, No. 208, scoring 88 points; entitled to association's certificate of merit.

Mt. Greenwood Cemetery Association, Morgan Park, vases of red and pink seedling carnations, highly commended; two vases of pure white seedling, No. 140-09, scoring 87 points; entitled to association's certificate of merit.

University of Illinois, Urbana, light pink seedling, No. 1-12, scoring 90 points, and entitled to association's certificate of merit.

A. A. Arnold Paper Box Co., Chicago, display of folding cut flower boxes.

Kroeschell Bros. Co., Chicago, showing photos illustrating their new high pressure steam boiler.

Kohen & Hiller, New York, ribbons and chiffons, New Castle shields and Elizabeth dolls; honorable mention.

Ionia Pottery Co., Ionia, Mich., general line of flower pots and new earthenware hanging baskets; also lawn vases and wire baskets.

Pittsburgh Plate Glass Co., Davenport, Ia., paints, brushes, putty, insecticides, etc.

Gordon Van Tine Co., Davenport, hot bed sash and greenhouse material.

A. L. Randall Co., Chicago, baskets, greenhouse and store supplies, including St. Patrick's day novelties.

Ideal Lighting Co., Davenport, Ia., self-watering flowering boxes.

I. L. Pillsbury, Galesburg, carnation staples.

Florists' Exchange, New York, collection of floral albums and books on floriculture.

Wertheimer Bros., New York, ribbons and chiffons.

Foley Greenhouse Manufacturing Co., Chicago, greenhouse materials.

Henry Gaethje, Rock Island, unique display with miniature bungalow surrounded by decorative landscape effect; also group of standard geraniums, cyclamens, begonias and cinerarias; highly commended.

The members of the Tri-City Florists' Club are congratulated on the success of their efforts that made this exhibition one of the best in the history of the society.

Respectfully submitted,

C. LOVERIDGE,
H. E. SMITH,
J. S. WILSON.

Visitors.

Those in attendance the opening day included the following:

J. Aldous, Jr., Iowa City, Ia.
J. F. Ammann, Edwardsville.
A. M. Anderson, Chicago.
George Asmus, Chicago.
Henry Baer, Peoria.
George Bather, Clinton, Ia.
Leo Bather, Clinton, Ia.
Rolf Bather, Clinton, Ia.
L. J. Becker, Peoria.
F. E. Bonham, Macomb.
Peter Britz, Danville.
George W. Cohen, New York.
Arthur Dietsch, Chicago.
H. B. Dörner, Urbana.
George Dysinger, Ionia, Mich.
P. J. Foley, Chicago.
E. H. Goldenstein, Chicago.
Frank Hartwick, Chicago.
George W. Jacobs, Canton.
H. F. Janssen, Springfield.
Mrs. H. F. Janssen, Springfield.
Chas. G. Johann, Collinsville.
C. W. Johnson, Morgan Park.
Mrs. C. W. Johnson, Morgan Park.
Harry C. Johnson, Bloomington.
W. J. Keimel, Elmhurst.
R. E. Kidder, Ionia, Mich.
A. C. Kohlbrand, Chicago.
E. F. Kurovski, Chicago.
Chas. Loveridge, Peoria.
Fred Lautenschlager, Chicago.
E. G. Lauterbach, Urbana.
Fred Longren, Chicago.
Ed. Macobs, Chicago.
Joe Marks, Chicago.
Matt Mann, Chicago.
James Morton, Chicago.
F. W. Muncie, Urbana.
H. A. Nelson, Peoria.
H. Nichols, Chicago.
E. A. Ollinger, Chicago.
Peter Olsem, Wilmette.
I. L. Pillsbury, Galesburg.
T. W. Plumber, Kewanee.
J. E. Pollworth, Chicago.
E. C. Pruner, Chicago.
Guy Reburn, Chicago.
Wm. Reid, Chicago.
John Schreiber, Chicago.
Arthur Schwerin, Burlington, Ia.
Samuel Seligman, New York.
Otto Sibenthal, Peoria.
H. Smith, Danville.
Joe Smith, Danville.
C. L. Snyder, El Paso.
W. E. Tricker, Western Springs.
C. L. Washburn, Chicago.
Mrs. C. L. Washburn, Chicago.
F. L. Washburn, Bloomington.
J. S. Wilson, Des Moines, Ia.
Allie Zech, Chicago.
Mrs. Allie Zech, Chicago.

Christmas and Easter Plants.

Paper by W. E. Tricker, superintendent of Vaughan's Greenhouses, Western Springs, Ill., read before the Illinois State Florists' Association at the eleventh annual meeting, Moline, March 7, 1916.

Christmas and Easter Flowering and Foliage Plants. This, practically a short title, your secretary selected as the subject for an essay, and I am wondering whether this worthy gentleman was endeavoring to select a title, or get as much instruction as possible. To capitulate at any length on this subject, would require much more time than your entire convention, and would necessarily require a different man than myself to present same.

The ordinary florist takes the matter of Christmas and Easter plants very much as a man buying a spring or fall suit of clothes. It has come to be habit in most instances without the direct forethought that should be used in so great and varied a scope as this section should be to the trade in general. When one speaks of Christmas plants, naturally they expect the usual line of poinsettias, a few azaleas, cyclamens, and the usual line of crotons and dracenas. For Easter the predominant features are lilies, roses, hydrangeas, hyacinths, tulips, etc.

I think the florists of this country should endeavor to get out of the matter of fact and deepened track of the usual stock used for these different occasions and try to present something to the public that is a novelty, that will increase the plant trade in

the same way that the disseminators of new roses and carnations are at the present time doing and have been for several years, pushing forward their wares according in the same way that fashion indicates to the feminine mind. By making this statement I do not mean to disregard the old staple plants that we know are selling year by year, and that we have educated the public to call for. The main factor is as to where we have rested or stopped at a certain point, whereby the grower figures he has reached that stage when he cannot grow something different to be attractive. Perhaps it is not the growers' fault, as with the exception of one or two retail florists they are cautious of breaking into a new line. If something new is brought to their notice the predominant thought relates to price, with the purchase of six or at the outside a dozen plants, instead of more where they could make a large display and educate the public to what is really beautiful and also a novelty and something that will be considered in future years. The consequence is isolated plants among their other stock in general, and unless a live salesman pushes them, are very often left to the tender mercies of the knockout price or the garbage can. It is only a matter of 10 to 15 years ago that the general public had no idea of buying the flowers and pot plants that they do at the present time. In a sense the public have been educated to regard Christmas very differently than they did years ago, and I am very much afraid we have not taken advantage of our best opportunities to present to them other stock outside of the plants that grow with the least form of resistance.

With the pot plant business, to most florists it is discouraging for the simple and most predominant factor that it costs about three times as much to produce the same amount of money to the square foot occupied by same than is the case with plants benched and used for cut-flower purposes. There are many discouragements along the line of success in the pot plant business. Many expect all profit and no loss. There must necessarily be waste and cull plants, no matter how careful or good a grower may be. You cannot take the hose and water pot plants in the same way and manner that you treat the rose bed, and especially for all the forcing stock there are various stages to be watched with different temperatures and last, but not least, bringing forward for a certain date. So many of us look upon a plant, requiring a certain period, and say we will force it into bloom for a certain date. If we are little behind we will require a certain period, and say we will force it into bloom for a certain date. If we are little behind we will put extra heat on, and we will resort to all the tactics and emergencies that our experience may have taught us, but there is a predominating feature underlying the forcing of all plants that we must remember. That we are only beating nature on the time, and by so doing we must, to get the required success, get the natural finish to our plants and give satisfaction to our patrons, that we must keep along those nature lines and get away from the word force. It is so vague and misrepresenting that we very often forget the true nature of it which is—growing.

How many florists here have stock under their benches, or in an inconspicuous place where the thought is at a certain time,—Oh, we will place them on the bench at a certain date; we have so many days time—and the very stock never enters your mind, until circumstances compel action, or the necessary heat that is needed. The main factor and guiding rule, on all stock to be grown and finished ahead of natural time, is that root action must be healthy, vigorous and predominant before the plant may be expected to break forth. For instance, take azaleas. In many cases last season consignments were not received from abroad until December 1, and it is a fact that many growers had stock for Christmas. But what credit, what benefit, is that to the trade—such excessive forcing. The purchaser receives the plant, it lasts a few days, the customer is dissatisfied, the retailer is also dissatisfied and we are not satisfied with ourselves that we did the right thing. I believe if we could combine and determine to sell only well finished and hardened off plants that the public of today, instead of buying at Christmas, and holiday seasons, would be more intent on having flowering plants in their homes all the season and become a flower loving nation. The old nations of which we are descended from, were flower loving people, always having their windows resplendent with plants all the year around. The house-wife, society lady, and in fact every woman who took pride in her home, loved to watch the flowering and foliage plants thrive and grow under her tender care. When she bought a new plant she understood full well that they were finished, hardened off plants, ready to take their place in a home for a prolonged time. This can well be understood by the records 'all growers in foreign countries have of their productions. It is useless for me to capitulate further on what we should do and I think a brief outline of the various plants will be more acceptable and beneficial at this time.

There are many ways and methods of growing stock in these enlightened times. I think the old adage "there is only one correct way" that some of my employers, especially in my earlier days, used to try to drill into me, can safely be abolished. The old-fashioned methods while they were good, and they were productive of results, are not always best. We are moving too quickly in these times to grow the stock in the same way and manner they were grown at that time. We cannot find ourselves receiving less for the plant than what it costs to produce. One instance in particular impresses my mind—that when my illustrious parent determined that I should have a similar experience and method of gaining knowledge that he had received directed that I should enter the establishment of Veitch & Son, at Chelsea, London, England, signing up for a three year contract, it certainly seemed, after having a varied experience in this country, that I had gone back about 30 years. The fact that impressed me—the man in charge of the department instructed me to take charge over certain houses. He gave me two watering cans, a boy to carry water and a long handled wooden hammer to tap the pots to ascertain if they were dry. Imagine

my feeling later, when he insisted I tap every pot, whether I thought it was dry or not! I mention this to explain how thorough the old-fashioned method was. A plant was more carefully nourished, more carefully handled, and I think we can attribute the success of the foreign firms to this fact—carefulness of handling and thinking out every means and method to further the industry, which has grown to be a trade rather than a profession, should be the foreword.

The flowering plants for Christmas—poinsettias, azaleas, cyclamens, lilliums, etc., that most any grower or florist will stock. Also begonias, but the latter, in recent years, have not been popular. They are bad shippers, and if

of solanum, especially Melvini has filled the gap on the cheaper priced stock. It has been my experience with all solanums and peppers, while the planting out process to all purposes is cheaper than the pot grown, a grower is doubly repaid by growing this stock in pots throughout the season and plunging the pots in the open ground over the rim. There are very few growers who can safely lift stock and pot it without it suffering materially, and there is nothing worse than a solanum with hardly any berries and no leaves. *Skimmia Japonica* has come to the front again the past two years, being imported. It very seldom arrives here with the number of leaves it should have as a finished plant. Another detriment is that the berries are not bright enough to be conspicuous with the foliage carried on these plants. *Ardisias* are extensively grown in the eastern sections and will become popular as the various growers learn to understand the ways and methods of growing them. The probable addition that would be beneficial to the trade at Christmas is the *Azalea Kaempferi*. This is a scarlet Japanese variety, producing a lustrous mass of bloom and making a predominant showing in pot plants, and to the writer's mind, is very much prettier and effective than *Mme. Petrick*. The red tulips in pots have not gained the popularity that one would suppose for Christmas: I think possibly the fault lies in the growing. The scarlet, *Duck Von Thol*, if handled rightly, will finish very nicely for Christmas in pots or pans 9 to 12 inches high, and there is little trouble in getting these in on time.

It seems that of recent years there has been a large demand for 4-inch stock, nicely finished, to be used in making up baskets and various designs. This idea, providing the linings are deep enough, gives our retailer excellent scope for originality, and it should also teach the grower that there are large possibilities in the medium size plants, besides the specimen plants that are grown so extensively in some of our large plant growing establishments. At the present time, in the baskets and other receptacles that are made up, 3-inch colored *dracaenas* such as *terminalis*, *Kelleriana*, *Whitmani* and *Boston ferns*; *Asplenium nidus* in 3-inch and 4-inch pots; the variegated pineapple; *Aralia gracillima*; *Areca lutescens*; *Cocos Weddeliana*; *marantas* in variety; *heaths* of the *Wilmorin* and *Hyemalis* type; table ferns including *Pteris Argyraea* and *Victoriae*, and even the old *anthurium* and *anthericum*, make excellent material for this class of work. Large basket or pan effects are greatly enhanced with the gold dust plant, mixed in with berried plants.

The palm sections for decorative plants seem to vary and are now somewhat on the wane. We cannot help but think that the Boston fern has to a large degree been responsible for this change. Although large specimen plants of *Asplenium nidus*, *phlebodium*, *Dracaena Massangeana*, and specimen plants of the better varieties of *crotons*, such as *Readii*, etc., are used now extensively for home decorations.

Leaving the Christmas flowering and foliage plants in this unfinished condition, and before your patience is entirely exhausted, we will consider the more extensive variety, and as it were



Kroeschell's National Flower Show Medals.

they receive the slightest check or chill at any stage they represent loss. Melior, of recent introduction, supercedes *Lorraine* and *Cincinnati*.

There are foliage plants, such as *dracaenas*, *crotons* and *pandanuses* in the various forms. In speaking of *dracaenas*, one's thought flies to *terminalis*, undoubtedly the most popular and easiest one to produce. There is no great variety of *dracaenas* grown. Lord Wolsley, providing the weather for the 10 to 20 days before Christmas is bright, is very much superior in color and general effect than the former. *Amabilis* is attractive.

There has always been a tendency for red berried stock for Christmas, which is natural and the various types

the out-burst of plant life for Easter; everyone looks forward to Easter as a renewal, to everything that is pleasant, the summer; truly the resurrection. The public little realize the trouble the grower has had in producing stock to this stage. In all probability the grower has figured a whole year on this one feature—to finish his stock ready for this Easter. Easter being a varied holiday as to time, it very seldom comes to please all growers. It is either too late or early. For instance, this year, Easter comes just at the time when everybody is getting ready for the spring trade, as all who are interested in a catalogue trade know. It has been a serious proposition. You were unable to dispose of your Easter stock, and make room for stock to follow. It has been one continual cramp, unless a lot of foresight has been utilized.

Kroeschell's Flower Show Medals.

In the accompanying illustration are shown two gold medals donated by Kroeschell Bros. Co., Chicago, and which will be awarded at the Fourth National Flower Show, Philadelphia, March 25-April 2. The medals, one donated to the American Rose Society and the other to the American Carnation Society, are of yellow, red and green 14 carat gold, weigh 14 and 12 pennyweight respectively, and are valued at \$50 each. They are so arranged that they may be worn as a watch charm if desired. The carnation medal will be awarded for the 12 largest single carnation blooms, any color or variety. The awarding of the rose medal has been left to President Pennock of the American Rose Society.

TOLEDO, O.—Harry Heintz is contemplating improvements and additions to his range.

SAN FRANCISCO, CALIF.—Stelling Bros. have opened a flower shop at 3235 Twenty-second street.

ELYRIA, O.—A new flower shop has been opened here under the management of F. L. Gunton.

RICHMOND HILL, N. Y.—August Millang, of New York, has opened a branch store here at 4558 Jamaica avenue.

SAN ANTONIO, TEX.—Chris. Hauser, Jr., has added a new office and salesroom to his establishment on Crockett street.

NEW ORLEANS, LA.—A. J. Newsham has closed the Orchid Store and will conduct his business from his nursery on Canal street.

BEAUMONT, TEX.—The Beaumont Floral Co. has purchased several acres of land and will enter the wholesale field. Business is reported good.

GULFPORT, MISS.—The park commission, recently created, has started on its work, which will include the beautification of every wide street in the city.

JOHNSVILLE, PA.—James Moss' upper range of greenhouses was partially destroyed by fire March 4. By the prompt arrival of the local fire company from Southampton he was enabled to save part of the houses, also the main house with farm buildings, stock and implements. The wind blew a gale and the thermometer was at zero outdoors. Nearly everything in the houses was ruined.

OBITUARY.

Albert Roper.

Albert Roper, the well-known originator and grower of carnations, of Tewksbury Centre, Mass., was found murdered, in one of his greenhouses, on the night of March 1. He had been struck on the head by a heavy piece of pipe. His body was found by his son, Chester, who was making his rounds taking the temperature. The case was taken up by Superintendent Walsh and officers of the Lowell police force and by members of the State police force, and March 2 they arrested Albert J. Roper, another son, who, it is stated, had previously quarreled with his father, and who has been living away from home. He denies that he was in Tewksbury on the night of the murder, but the police claim to have found a street car conductor who recognized him as a passenger on his car in Tewksbury. At a hearing, in Lowell, March 3, young Roper was committed without bail by Police Judge



The Late August Krueger.

Enright. He pleaded not guilty and his attorney asked for a continuance to March 14, which was granted.

Though he worked in a quiet and unobtrusive way, Albert Roper was generally recognized as a carnation expert. His first production that attracted attention was Fair Maid, a light pink carnation that was introduced 12 or 14 years ago. It was grown extensively in New England up to a few years ago. Alice Coombs has of late been seen in exhibitions, taken prizes and received favorable mention.

Albert Roper was born at Wedmore, Somersetshire, England, and came to this country when about 20 years old. He worked for some time as a grower at Madison, N. J., removing later to Massachusetts. He was about 56 years old. He is survived by a widow and several sons. A. F. F.

August Krueger.

August Krueger, founder of the Greendale Conservatories at Meadville, Pa., and one of the best known and respected citizens of that city, died at his home, February 25, aged 75 years. He was born in Hohen Nieuendorf, Germany, at which place his

father was a forester, and where the deceased entered the florist business at an early age. After serving his country in the Franco-Prussian war, he came to America, expecting to return to Germany after a visit, but was so favorably impressed that he decided to remain, and located at Buffalo, N. Y., being engaged on a private estate. After a short time he took charge of the Letchworth estates, and for about eight years had supervision over both of them, one at Buffalo and the other at Auburn, N. Y. While in Buffalo he sent for his sweetheart in Germany, Miss Helen Barly, and they were married in New York upon her arrival.

In 1880, he purchased a small florist's business at Meadville, owned by Henry Munz, and established what are now known as the Greendale Conservatories, and his extensive knowledge of plants and flowers, industry and upright business principles are reflected in the growth of the establishment to its present size, during a successful career of 36 years, during which time he made a host of life-long friends. He retired from active business several years ago, at which time his son, Henry J. Krueger, succeeded him, and under whose able management the business has continued to thrive.

August Krueger was a man of most kindly disposition; he loved flowers, birds, children, a man of high ideals, living an exemplary Christian life, and he merited the high esteem in which he was held by all with whom he came in contact. He is survived by his widow, one son, Henry J. Krueger; one daughter, Mrs. Virgil Stanton, and three grandchildren. He also leaves two brothers and a sister in Germany. He was a member of Zion Evangelical church and belonged to Modiste lodge No. 340, F. and A. M., of Buffalo. Funeral services were held February 28, and his remains were borne to their last resting place, surrounded by a profusion of beautiful floral offerings, final tributes of respect from many friends who mourn his death as a keen personal loss.

W. Wells, Sr.

British papers announce the death of W. Wells, Sr., the well known chrysanthemum grower of Merstham Nurseries, Surrey, Eng., February 28. Mr. Wells visited the United States some years ago, and was interested with Chas. H. Totty, of Madison, N. J., in the introduction of many highly meritorious varieties of chrysanthemums into this country.

Jesse M. Gerard.

Jesse M. Gerard, aged 80 years, for the past 34 years a nurseryman of Dover, N. J., died at his home there, February 20. He was born near Hackettstown, N. J. He is survived by a widow, one daughter and three sons. A. F. F.

AUBURNDALE, MASS.—F. W. Fletcher is in California investigating the freesia situation.

MILFORD, CONN.—Andrew MacCrea has opened a flower store in the Citizen's Art Shop.

CROWN POINT, IND.—Alois Frey left February 29 for California, where he is interested in some plantations of colored freesia bulbs.

ST. LOUIS, MO.—Alex Laurie, formerly chief of the department of floriculture at the University of Maine, has taken a position at the Missouri Botanical Garden, as horticulturist.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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LETTERS mailed from Holland January 26 reached Chicago March 7. Letters mailed from Chicago November 15 reached their destination in Germany January 22.

We have received the final premium list of the Fourth National Show, copies of which may be had on application to Secretary John Young, 53 West Twenty-eighth street, New York.

American Gladiolus Society.

Members in good standing will be given free season tickets to the National Flower show to be held in Philadelphia March 25-April 2. It will be necessary to have a certificate, which will be gladly furnished by addressing Secretary Henry Youell, 538 Cedar street, Syracuse, N. Y.

Society of American Florists.

The proceedings of the society for 1915, a volume comprising 364 pages, has been mailed to all members of the society. Members of the society in good standing visiting the National Flower Show in Philadelphia will be furnished with a season ticket of admission upon arrival at Convention hall. It will facilitate the work of the secretary's office and prevent confusion and delay upon your arrival at the exhibition hall if you will remit your 1916 assessment at this time. The 1916 badge button will be sent you by return mail.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that the Bedford Flower Company, Bedford Hills, N. Y., offers for registration the rose mentioned below. Any person objecting to the use of the proposed name or registration is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description: A pink sport of Double White Killarney. Has the same habit of growth and is equal in production. Same foliage. Color is light pink, becoming deeper to the center as it opens. Flower is long and opens in perfect form. Name—Bedford Belle.

March 4, 1916.

By direction of President Daniel MacRorie, a meeting of the board of directors of this society has been called, to take place at the Hotel Walton, Philadelphia, Pa., Tuesday, March 28, at 2:00 p. m., to continue until all business to come before the board is completed.

JOHN YOUNG, Sec'y.

National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2.

The final schedule of premiums covering the classes for competitions at the National Flower Show, Philadelphia, Pa., March 25-April 2, has been distributed, and all contemplating making entries are urged to place them in the hands of the secretary at once. The closing date for entries is March 20, and entries after that date must be accompanied with a fee of \$2, and will only be received subject to acceptance by the National Flower Show committee.

Practically all of the space set apart for trade exhibits has been reserved, excepting a few blocks on the main floor extension, which will, doubtless, be taken up within a few days. Exhibits or exhibition material should be forwarded wherever possible by Pennsylvania R. R. connection to North Philadelphia station, which is two blocks from Convention hall, where the show is to be held. Arrangements have been made whereby all shipments arriving at that station will be hauled to Convention hall at the rate of 15 cents per 100 pounds, and all shipments arriving at other stations will be hauled at the rate of 20 cents per 100 pounds. Packages should be marked "Oberholzer Transfer." Shipments by Adams Express should be marked "North Philadelphia station," which is a depot of the express company.

All arrangements for the show are about completed, and at this date the prospects for the success of the undertaking are particularly bright. The show will open at 2 p. m., March 25,

and the opening ceremonies will take place at 3 p. m. Anyone requiring a copy of the final schedule can obtain same on application to the secretary.

JOHN YOUNG, Sec'y.

Gardeners' Essay Contest.

Chairman William H. Waite, of the committee on essays and horticultural instruction of the National Association of Gardeners, has appointed Edwin Jenkins, Lenox, Mass.; William Downs, Chestnut Hill, Mass.; Arthur Smith, Reading, Pa.; William J. Stewart, Boston, Mass., and J. Harrison Dick, New York, judges of the gardeners' essay contest. The report of the judges will be made public at the National Flower Show in Philadelphia on March 28.

President W. N. Craig offers \$25 as a first prize, \$15 as a second prize and \$10 as a third prize in a new contest, for assistant gardeners, on any subject pertaining to horticulture, limited to 2,500 words. The contest will close November 1 and the winner will be announced at the annual convention of the association in December. The essay committee will issue the rules regulating this contest shortly.

American Rose Annual.

The "American Rose Annual," official publication of the American Rose Society, is now ready and will prove both interesting and valuable to professional as well as amateur growers. The book, ably edited by J. Horace McFarland, contains upwards of 150 pages, is well printed and bound in cloth. We feel certain all members of the society and every friend of the rose will desire copies of this book.

The "American Rose Annual" is supplied to all members of the American Rose Society. Additional copies to members, 50 cents each, postpaid. Others may obtain the annual by remitting \$1 for associate membership to B. Hammond, secretary, Beacon, N. Y.

Kewites Reunion.

There is being arranged a reunion and banquet for Kew men and their ladies, to be held in New York, April 5, 1916, during the week of the flower show. It is hoped that all Kew men will make a special effort to attend, as this is the first reunion of this character held in the United States. For full particulars apply to M. M. Tree, head gardener, Brooklyn Botanic Gardens, Brooklyn, N. Y.

Ladies' Society of American Florists.

On account of the secretary not attending the National Flower Show, to be held in Philadelphia, Pa., March 25-April 2, the president has authorized Mrs. Albert M. Herr to receive dues and give receipts for same.

Foreign Mail Delay.

ED. AMERICAN FLORIST:

We give you copy of our letter of March 4, addressed to the Hon. Robert Lansing, secretary of state, Washington, D. C., with respect to condition of the foreign mail.

We would suggest that you give this matter some space in your next issue, in the interest of the various nurserymen, seedsmen, and florists in the United States, who no doubt are greatly inconvenienced and handicapped, owing to the late delivery of mail and which we believe can easily be reme-

died through your help in giving this matter further and wider publicity.

MALTUS & WARE.

Honorable Robert Lansing,
Secretary of State,
Washington, D. C.

Sir:—On behalf, and in the interest of the various nurserymen in the United States for whom we have regularly acted as custom house brokers and forwarding agents, we take the liberty of addressing you, to call your attention to the exceedingly great delay recently experienced in receiving important foreign mail.

The S. S. New Amsterdam from Rotterdam arrived at this port on Thursday, February 24 last, and had on board consigned to us about 560 cases of living plants, intended for various nurserymen which require prompt forwarding on arrival so that they can be properly watered and cared for.

The mail matter of this vessel, we are informed, was taken off the vessel by the British authorities at Falmouth, Eng., and it was not until the S. S. Cedric, arriving February 28 last, did we receive any portion of this mail, and at this writing are still without mail for over 200 cases presumably still detained in England, and now not expected until next steamer.

The S. S. Noorderdyk arriving March 1, and the S. S. Oosterdyk arriving March 2, both from Rotterdam, with approximately 300 and 800 cases and with no documents whatsoever. May we suggest, in order to overcome a repetition of like occurrence in future, which is detrimental to all perishable goods, and respectfully request that you take this matter up with the British authorities with a view of setting aside on all mail vessels a portion of the mail to be known as Consignees' Letters to contain bills of lading, consular invoices, waybills, or letter giving instructions for the disposition of the stock upon arrival.

These documents to be placed in envelopes by the various forwarding agents in Rotterdam or other seaports in the presence of the British consul at that port and to be given in charge of the purser or other officer on board the vessel carrying the goods for the immediate reinspection by the British authorities.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—Gardener and florist, 7 years experience; can also drive an automobile. Good references, single, sober age 26. Address Key 614, care American Florist.

Situation Wanted—By young florist and gardener, single, on commercial or private place, good grower of bedding and pot plants. Have best references. Chicago or suburb preferred. Address Key AAA, care American Florist.

Situation Wanted—Energetic young man, age 20 years, desires position in small greenhouse establishment, where there is chance to learn the business thoroughly. Amount of salary not so much of an object. Address Key 617, American Florist.

Situation Wanted—By florist and gardener with 14 years practical experience in growing all kinds of greenhouse plants and cut flowers, fruits and vegetables, lawns and flower gardens. Prefer private place. Hard worker; single, age 30. Address Key 608, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can commence at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling; getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—Florist ice box 6x7 ft., almost new, at half price. H. SWANSON, 469 Lake St., River Forest, Ill.

For Sale—Cheap—Five Hundred Seed Show Boxes, 1 Clipper Seed Cleaner 1 lot of Vegetable and Flower Seed. K. B. JONES, 401 Penn Ave., Pittsburgh, Pa.

For Sale—Cheap, an ice box in good condition, suitable for a wholesale or retail store. Address A. F. F., care American Florist, 42 W. 28th Street, New York.

For Sale—7000 sq. ft. glass, four greenhouses well stocked with carnations and spring plants. Ask for full particulars. LOUIS SCHELHAAS, Miamisburg, O.

For Sale—Three new greenhouses 30x100 feet; also house and barn, on account of ill health. No one other than those meaning business need apply. For further particulars address Key 597, care American Florist.

For Sale—Successful landscape and jobbing gardening business in Detroit and suburbs, for sale on account of owner's retirement. Shows a net average income of over \$2800 for past six years. Address THOMAS BEATTIE, 185 Josephine ave., Detroit, Mich.

For Sale—At a bargain. Range of greenhouses consisting of 13,000 square feet of glass, fully stocked with carnations, also young stock in good shape and four acres of ground partly planted to peonies. Splendid opportunity for right party to secure good paying business in one of Chicago's wealthiest suburbs on the C. & N.W. Ry., near the depot and only 35 minutes ride from Chicago. Also have a good retail trade. Will take part cash and balance on easy terms. Hurry. Address Key BBB, care American Florist.

HELP WANTED

Business young Lady—must have some experience in designing and general retail store work, good penman. State wages age, experience and full particulars in first letter. Address Key 611, care American Florist.

Help Wanted

For a big place, an assistant gardener; a smart young man experienced in flower garden work, shrubbery, etc., and who can handle plain workmen to advantage. A steady and rising position to a competent, pushing man. State age, experience, etc. Address Key 615, care American Florist.

WANTED TRAVELING MEN

to handle as a side line an article that every greenhouse man uses. Liberal commission and wide territory. For further particulars address Key 613, care American Florist.

I Want To Rent 100,000 Feet Of Glass

near Chicago, planted with cut flowers. State full particulars in first letter.

Address

Key 610, care American Florist.

ADVERTISER WANTS TO RENT

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business.

Key 607, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 80,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address Key 612, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

MAKE YOUR STORE THE EASTER FLOWER STORE



McNeff-Swenson FOLDERS Increase Florists' Sales and Profits

PROFITABLE EASTER ADVERTISING

A plan for increasing your Easter Sales and Profits, together with a sample of our new 1916 Easter Florist Folder will be sent you **FREE** upon request. Write today.

McNEFF-SWENSON COMPANY, 608 So. Dearborn St., Chicago, Ills.
HIGH-GRADE FLORAL PUBLICITY.

Boston:

MARKET CLEANS UP WELL DAILY.

Business has been very good during the past week. The trade has been brisk and the markets clean up well each day. Roses move very well at from \$2 to \$12 per 100 for the general line. Russell, Hadley and Ophelia bring from \$4 to \$16 per 100. Carnations have been in demand, \$3 per 100 being received for them. Bulbous stock continues about the same in price, although it cleans up better than last week. Victorias are the most prominent in this line at present. The exceptionally cold weather has hurt the violet trade to a certain extent, but as the supply is rather short they bring 50 cents per 100. Sweet peas are arriving in large quantities and prices are steadily dropping, \$1.50 per 100 being received for the very finest flowers, but many are sold as low as 50 cents per 100. Cyclamens, hydrangeas, primulas and bulbous stock in pans comprise the bulk of the plant trade.

NOTES.

Matthew F. Raune, the popular Waltham florist, was elected esteemed lecturing knight, chairman of the house and entertainment committees in the Elks' lodge last week. He reports a good business and is adding a Ford delivery car to his service.

M. Penn, the Bromfield street florist, was pinning flowers on family friends, March 1, and receiving congratulations upon the arrival of a seven pound boy—"and the mother is fine, thank you," the proud father told the inquirers.

Some of the finest shamrocks in Boston are grown by B. P. Winch, of Framingham. He also is cutting a good crop of carnations.

F. L. W.

Providence, R. I.

FAIR TRADE AND GOOD STOCK.

Business during the past week has been fair, but floral work has not been as heavy as in former weeks. Stock of all kinds is good. Daffodils in the better varieties are coming in and sell well. Carnations are very good with the prices holding firm again, good stock selling at a good price. Sweet peas are good and the demand for this flower is good. Poeticus and Paper Whites are having very little call. Pot plant sales are good and the call for this stock is very satisfactory. The azaleas are selling slowly, but the stock is fine, and the displays are good. There have been several salesmen for the Holland bulb trade in the city the past week,

and they report having booked a number of orders for April delivery. Violets this year are not having the call that they have had in former years, and the growers are not growing as many violets as usual. There seems to be only one solution to this problem, and that is that the street fakirs and small stores are cutting prices so much, and the violet is becoming so common, that the better class of people will not buy them. The regular florist will not carry violets and reduce the price to meet the street man.

H. A. T.

Toronto.

HEAVY OVERSUPPLY UPSETS PRICES.

There has been a slight lull in business the past week and stock accumulated so much that March 4, was a real bargain event, and the cut-rate dealers had a gala day of it. Bulbous stock, violets, lily of the valley and carnations were sold at any price to get rid of them. The brighter weather has increased the quantity and also helped the quality, and the stock coming in is a credit to the growers. Roses still take first place in popularity, and are the bread and butter of the retail stores. These, with the exception of American Beauties, are all in fine shape. Carnations are at their best, and other varieties of flowers are equally good. The military decree having been issued that all large social functions are tabooed, it has played havoc with the decorators, as this line is absolutely flat; other social functions are being held as quietly as possible, so that, with the exception of funeral work and flowers for the hospitals, there is little doing. Even the better homes, which were formerly large users of flowers, are curtailing as much as possible, but we optimistic ones see a great future ahead, and when the boys return again there will be a gala event, which, I believe, will tax the florists to their utmost and make up for slack times.

NOTES.

J. H. Dunlop has his Richmond Hill greenhouses in the pink of condition and the stock coming in possibly averages the best he has ever sent out. There are roses, Ophelia, Hoosier Beauty, Stanley, Shawyer, Russell and double white Killarney, with strong stems and good bright foliage which would be hard to beat. Carnations have also done well, and his orchid sweet peas are a credit. Mr. Dunlop expects to attend both the New York and Philadelphia shows in the capacity of judge. At the retail store, Geo. Geraghty, the manager, has been suffering from la grippe, but is again on

the job. His large and fine display window is well looked after, and he always shows good stock, but, like the others, he finds things on the quiet side.

Dillemoth, Florist, has been showing well grown lilacs, azaleas and funkia, the combination proving very effective. Eight of the former staff having joined the colors so there are few of the originals left.

Only an average business is the report from Tidy & Son. Funeral work is the chief item now, but stock of good quality is always in the show window. Some very fine pansies are a striking feature.

W. E. Calvin, of Brampton, is sending in good violets and has them in quantity. To be fashionable he had la grippe, but is again able to attend to business.

Wm. Dykes, of Jansen's, New York, is a visitor. "Good in spots, but bad in others," is his version of trade, but his geniality is always of the lasting kind.

H. G. D.

Pittsburgh.

STEADY MARKET AND GOOD PRICES.

Business continues to be quite good, the local market having remained practically steady since the memorable flower famine of January. Good prices have been the rule during the entire season, and bid fair to remain so until after Easter, which is surely a great reverse from the prices at which flowers were disposed of last season. With the advent of Lent, however, a slight depression may be expected, but hardly enough to cause any noticeable change. A fair amount of sunshine has brought an abundance of flowers into the local market, with bulbous stock still in the lead. Roses have also recovered from their recent shortage, and carnations and sweet peas of excellent quality are offered. In the latter, some very fine Spencers are featured, for some of which \$2 per 100 is easily realized. The florists' supply business is in bad shape at present, owing to the fact that many staple articles cannot be obtained, and that the articles that are being handled are constantly advancing in price from day to day.

NOTES.

R. J. Daschbach had the decorative work for the Rosenbaum Co.'s spring opening, among which 30 huge baskets of artificial flowers were used, the baskets encircling each pillar on the main floor. The work kept the entire force busy every minute from Saturday evening until early Monday morning.

G. M.

SPECIAL **ANNOUNCEMENT**

Opening Auction Sale

... on ...

**Tuesday,
March 14th,
1916**

at Eleven
o'clock a. m.

The Mammoth Auction Sales Rooms

... of ...



The MacNiff Horticultural Co.

52-54-56 Vesey Street, New York City

will re-open for the Spring Season on the above date, Tuesday, March 14, and sales will be continued each Tuesday and Friday at eleven o'clock until end of June.

During the early Spring Sales, stock will consist of Rose Bushes, Rhododendrons, Evergreens, Bulbs, etc., and later in the season all kinds of Potted Plants, Bedding Plants, etc.

If you wish copies of our Auction Catalogues mailed to you, send us your name and address.

The largest Horticultural Auction Rooms in the world. We are in a position to handle consignments of any size, large or small. Prompt remittances made immediately goods are sold.

The MacNiff Horticultural Co.

"Get them at Dreer's"



FANCY-LEAVED CALADIUMS.

Superior Tuberous-Rooted Begonias and Fancy-Leaved Caladiums

We are pleased to state that the Tuberous Rooted Begonias which we offer this season are bulbs of superior quality which have again been grown for us by the same Belgian expert and specialist who has been supplying us for more than a quarter of a century and with the quality of which our customers are acquainted.

Begonia, Single Varieties to Color. Doz, 100 1,000
Scarlet, Crimson, White, Rose, Orange \$0.40 \$2.50 \$22.50

Begonia, Single Varieties in Choicest Mixture..... .35 2.25 20.00

Begonia, Double Varieties to Color.
Scarlet, White, Yellow, Crimson..... .60 4.50 40.00

Begonia, Double Varieties in Choicest Mixture..... .50 4.00 35.00

Begonia Zeppelin..... 1.25 8.00 70.00

Begonia Lafayette..... 1.50 12.00

Fancy-Leaved Caladiums. An immense stock of the choicest varieties:

Fine Standard Varieties.....	1.75	12.00	100.00
Rare and New Varieties.....	2	25	15.00 140.00
Rare and New Varieties.....	3.50	25.00	
Choice Mixed Varieties.....	1.50	10.00	90.00

For a complete list of seasonable Seeds, Plants and Bulbs, see our Garden Book for 1916, and also our current Wholesale List. If you have not received them please write us.

HENRY A. DREER, 714-716 Chestnut Street,
PHILADELPHIA, PA.

The above prices are for the Trade only.

The florists' team of the Allegheny Market Bowling League are doing good work in their line, having won two games from the Bakers in their last match. The roster of the florists' team comprises Hoffman, Niggel, Lang, Baker and Lamm.

The Pittsburgh Cut Flower Co. is cutting heavily on Killarney roses at their Bakerstown range. Leon Bergman, of this firm, is now serving in the capacity of traveling representative.

Theodore Verscharen deserves a word of praise for the good quality of tulips and other bulbous flowers that come from his Mt. Oliver range. His lilies are also of good quality.

Jack Sisley, of the McCallum Co., returned from a very successful western trip last week, immediately departing for another journey through the northern territory.

Al Niggel has left the employment of Walter Faulk and entered into partnership with Geo. Hallam, also of the Allegheny market.

Geo. McCallum is visiting friends in Buffalo, N. Y., for a few days.

Visitors: Julius Dilhoff, of Schloss Bros., New York; Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia.
G. M.

ST. PAUL, MINN.—The annual ball of the St. Paul Florists' Club, held at Royal Arcanum hall, Tuesday, March 7, was one of the most pleasant events in the history of the organization. A large contingent of Minneapolis florists and their ladies were in attendance, the trip being made in private cars.

Kansas City.

GOOD SUPPLY MEETS HEAVY DEMAND.
Market conditions have changed somewhat from last week, there being a very good supply, but the demand was unusually heavy and the stock in many lines ran low. The wholesale houses as a rule sell out early in the day, the heavy run being due to numerous funerals. Roses are short and the supply of carnations also shortened. Jonquils, tulips, and hyacinths are more plentiful but sell on sight, helping to cover the shortage in other lines. Freesias were also seen in good numbers and were freely used in boxes of cut flowers. Sweet peas are more plentiful, the flowers are larger and the stems longer. Pot plants continue to sell well, many going out on hospital orders.

NOTES.

The W. L. Rock Flower Co. finds it difficult to meet the call for stock occasioned by heavy demand for funeral work. Pot plants continue to sell well here. Mr. Rock will be one of the judges at the National Flower Show, Philadelphia, March 25-April 2.

T. J. Noll & Co. report an exceptionally heavy week in funeral orders. Stock was more plentiful but still not equal to the demand. Good roses, carnations, lilies and bulbous stock were seen at this establishment.

The Geo. M. Kellogg Flower & Plant Co. reports a scarcity of stock. Their stock of pot plants is in excellent shape and sales are all that could be desired.

W. J. Barnes is cutting good carnations and enjoys a continued call for pot plants. Funeral work used up bulbous stock in quantities.

Orders for the large funerals kept Arthur Newell's staff busy, in addition to regular business in cut flowers and plants.

H. Kusik & Co. report shipping trade continues to increase. Their supply of stock cleans up daily.

Patrick Larkin reports an A-1 trade in both funeral work and cut flowers.

J. Austin is featuring some fine begonias and Primula obconica.

C. J. B.

Minneapolis.

Trade during the past week has been very quiet, owing to inclement weather. The market is filling up with heavy receipts of stock and prices are exceptionally low. Numerous signs are to be seen quoting roses at 60 cents per dozen, tulips 40 cents per dozen, and carnations at 25 cents for a like number, giving the appearance of a spring glut.

Rice Bros.' Bowling team defeated the Donaldson floral department team March 2. "Cap." Desmond has lost the "smile," but Art. Rice's countenance now carries a full-sized "beam."

Visitor: Mr. Metcalf, representing A. L. Randall Co., Chicago.

T. C. R.

KALAMAZOO, MICH.—Jackson Bros., proprietors of the Jackson Greenhouses, have purchased the Fisher Flower Shop, one of the best known retail establishments in this city.

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

EASTER LILIES, CUT, FANCY LONG STEM

**Tulips, Fancy Double and Single and Darwin.
Sweet Peas, Fancy Spencer and Butterfly.**

CURRENT PRICE LIST—Prices Subject to Change Without Notice

MRS. CHAS. RUSSELL

	Per Doz.
48 inches	\$5.00
36 inches	4.00
28 to 30-in.	3.00
24 to 26-in.	2.00
20 to 22-in.	1.50
16 to 18-in.	1.25
Short, per 100	\$4.00, 6.00 to 8.00
Hoosier Beauty	Per 100
Richmond	Special, Charged....
Hadley	accordingly.
Ophelia	Long....\$10 to 12.00
Sunburst	Medium..\$6 to 8.00
Milady	Short
Kill. Brilliant	4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$6.00
36-in.	5.00
24 to 30-in.	\$3.00 to 4.00
18 to 20-in.	2.00
Short	per 100 \$6.00 to 12.00

	Per 100
Bulgaria	Special.....Charged accordingly
Aaron Ward	Long
Killarney	Medium
White Killarney	Short

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer	\$0.75 to \$1.50
Violets, double or single .....	.50 to .75
Jonquils and Daffodils	3.00 to 4.00
Paper Whites	4.00
Smilax	doz. \$2.00
Plumous	3.00
Sprengerl	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000, \$1.50
Leucothoe	100, .20
Mexican Ivy	1000, \$6.00; 100, .75
Ferns	1000, 2.50; 100, .30
Boxwood	bunch, 25c; box, 8.00
Wild Smilax	per case, 5.00

ORCHIDS

Market Price.

	Per Doz.
Cattleyas	\$4.00 to \$6.00
Gardenias	2.00 to 3.00

EASTER LILIES

Per 100	\$10.00
---------------	---------

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

CARNATIONS

	Per 100
Best Fancy, all colors	\$3.00
Splits, Red and Dark Pink	1.50
Splits, White and Enchantress	2.00

TULIPS

Fancy	Per 100, \$4.00
-------------	-----------------

FLORISTS' SUPPLIES.

ORDER NOW FOR EASTER.

**Ruscus in the Beautiful
Iridescent Effect**

PINK - - BLUE - - WHITE - - LAVENDER

Per lb., \$1.00



Special Sale

— ON —

CYCAS LEAVES

Assortment, 24 to 44 inches,
\$5.00 per 100.

Assortment, 8 to 12 inches,
\$1.00 per 100.

50 Assorted Tumbler Baskets, \$10.00



Roses-Carnations-Sweet Peas

A Heavy Crop Now On

Our Sweet Peas Are All Orchid Flowering Varieties

American Beauties		Per doz.
Extra long stem Specials.....		\$6.00
Medium	\$2.00 to	\$4.00
Shorter lengths.....	.50 to	1.50

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Sawyer

	Per 100
Extra long stems	\$10.00
Medium stems	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c to 75c

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

	Per 100
Pink	\$3.00
Fancy Red Belle Washburn.....	4.00
Sweet Peas—Zvolanek's orchid flowering according to lengths of stems.....	1.00 to 2.00
Jonquils, Tulips and Daffodils.....	2.00 to 4.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

TRADE MUCH BETTER.

Trade was quite good the latter part of last week, and stock cleaned up well Friday and Saturday, March 3-4, when certain items were found to be rather scarce. The clean-up, while due to a much better demand, can also be attributed to the sudden shortage of stock. Carnations sold unusually well and cleaned up in all varieties at good prices with the exception of Enchantment, which no one seemed to want and which were sacrificed at bargain prices. Sweet peas are more plentiful and are selling readily at prices ranging from \$1 to \$2 per 100, and in some instances \$2.50 for extra fancy stock. Violets, both the home grown singles and the New York doubles, are very plentiful and have sold the greater part of the week at prices ranging from \$3.50 to \$6 per 1,000. Lilies are arriving in large quantities with a good supply of short stemmed flowers included in the shipments. Fancy lilies are bringing good prices, but the short stock is selling at much lower figures. Roses of all kinds are in good supply, but are moving well, with White Killarney and Double White Killarney having the call. Mrs. Chas. Russell roses are still in brisk demand, owing to the continued shortage of good American Beauty roses. Orchids and gardenias are in fair supply, but lily of the valley is none too plentiful. Lupines, snapdragons, anemones, daisies, calendulas, pansies, jonquils, tulips, freesias, mignonette, stocks, forget-me-nots, Romans, daffodils and narcissi are included in the offerings, and the buyer now has a splendid assortment to select from. Some of the dealers had some special orders from New Orleans, La., for Mardi Gras week, but the demand this season is nothing to be compared with that of former years. The Lenten season started March 8, and while some

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Absolutely Essential Stock

To The Progressive Florist Desirous of
Obtaining The Best For The Least Money

HIGHEST QUALITY
CUT FLOWERS and GREENS

Complete line. Large quantities. Try us on any item.
Roses, Carnations, Miscellaneous Bulbous Stock
or any other item. - - DO IT TODAY.

are inclined to think that trade will be quiet until Easter, one dealer in looking over his last year's sales found that trade was unusually good during this period. Many of the retail stores are featuring azaleas, cyclamens, tulips, jonquils, daffodils, ericas, hyacinths and other blooming plants in their

window displays, all of which reminds one that Easter is the next big day and is rapidly approaching. There promises to be a good demand for white carnations for St. Patrick's day, for green dye, according to most of the dealers, is selling unusually well this year.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY CUTS ROSES

RICHMOND-SUNBURST-OPHELIA

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

Killarney.....		
White Killarney.....		
Killarney Brilliant.....		
Sunburst.....	Per 100	
My Maryland.....	Specials.....	\$10.00
Ophelia.....	Select.....	8.00
Richmond.....	Medium.....	6.00
Milady.....	Short.....	5.00
ROSES, our selection.....		\$4.00

MRS. CHAS. RUSSELL

Per 100

Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	4.00
" good.....	3.00
Harrisil.....	per doz., \$1.50 to \$2.00
Sweet Peas.....	1.50 to 2.00
Valley.....	\$4.00 to \$5.00
Violets.....	.75 to 1.00
Smilax.....	per doz. strings, \$2.00
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$3.00
Boxwood.....	per bunch, 25c
Galax, bronze and green.....	per 1000, \$1.00
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

LARGE CROPS

White Carnations for St. Patrick's Day

Kindly bear in mind when ordering that we represent a large number of the leading growers in Northern Illinois and that our line is always so complete in every respect that we seldom experience any trouble in filling any of the orders entrusted to our care.

FOREST PRESERVE COMMISSION.

Peter Reinberg, chairman of the board of Cook county commissioners, has appointed a committee of nine to prepare a plan for the Forest Preserve Park System, which was created under a new act submitted to the people in 1914. There was some question as to the constitutionality of the act and a test case was made, the act being recently confirmed by the supreme court. The newly appointed plan commission of nine contains two members connected with horticulture, Wm. A. Peterson and J. C. Vaughan. The commissioners have the right to condemn tracts of land if necessary. The maximum amount available any one year for the forest preserve is \$11,000,000.

NOTES.

Poehlmann Bros. Co. is cutting heavily in roses and very fancy Ophelia are

attracting the attention of the buyers this week. John Enders is still seriously ill with pneumonia and is greatly missed at the store. Harry Liebermann and Larry Martin are the latest additions to the force in the cut flower department, which is now taxed to the limit in getting out orders. In the supply department T. E. Waters has a large supply of iridescent ruscus ready for the Easter trade, which should be in good demand, owing to its prismatic display of colors.

The Raedlein Basket Co., 713 Milwaukee avenue, is preparing a new catalogue which will show many novel designs in cut flower and plant baskets, and will be ready for mailing in another week. The new catalogue will be one of the best that the Raedleins ever issued and will be mailed to anyone in the trade upon request.

R. A. McGill, for many years employed by the W. W. Barnard Co., has retired from active business and will devote himself to greenhouse work in a small way on his farm at Fredericks Hall, Va.

E. O. Orpet, it is reported, has tendered his resignation as superintendent of the McCormick estate, Lake Forest, and Wm. E. Tricker, of Vaughan's Greenhouses, is mentioned as his successor.

The Chicago Floral House has made a number of improvements at its branch store at 144 North State street, which greatly improves the appearance of the place.

Arthur Weatherwax has sold his retail store at 828 East Forty-seventh street to Arthur Ferrero, who was formerly in the employ of W. H. Kidwell & Son.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$3.00 Good...100, \$2.00 Split...100, \$1.50

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lillies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50- 3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprenger.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

Bassett & Washburn have a large exhibit at the annual exhibition and convention of the Illinois State Florists' Association at Moline this week consisting of Ophelia and Sunburst roses, calendulas, sweet peas and their prize winning carnation, Belle Washburn. Mr. Washburn is an active member of this society and attends every meeting whenever he can possibly do so. This firm has several benches devoted to calendulas this season and is cutting some especially fine stock in this line.

A. L. Vaughan & Co. received word this week from Mr. Vaughan and family to the effect that they reached New Orleans, La., March 5 and had a splendid time on their trip on the Steamer Colonel Conway down the Mississippi river, notwithstanding the unfavorable weather conditions. A steam radiator broke in the ladies' reception room just after the steamer left Cairo when his daughter Thelma and several others had a narrow escape from being seriously injured.

The McNeff-Swenson Co., 608 South Dearborn street, is having a better demand than was expected for its Easter folders and is rapidly opening new territory where the service is not already in use. L. D. Reese, who handles the promotion end of the business, is an expert in his line and this concern is now splendidly equipped to handle any business that may be entrusted to its care.

Wietor Bros. have been in the wholesale business for over 22 years and have built up a splendid trade during that time. They have one of the three largest ranges of glass in America devoted exclusively to cut flowers, and enjoy both a splendid local and shipping trade. N. J. Wietor says the outlook is very bright for a large cut of white carnations for St. Patrick's day.

A. T. Pyfer & Co. had a good week and Manager Pyfer reports a fine demand for carnations, which cleaned up surprisingly well the latter part of last week at good prices, with the exception of Enchantress, which could have brought better prices.

Carl Bachler, the McKinley Park Florist, who recently underwent an operation for appendicitis and gallstones, visited the market for the first time this week since he was discharged from the hospital. He is still very weak but expects to be fit as a fiddle soon.

BUYERS!! ATTENTION!!

Fancy Fresh Double Violets, \$4.00 per 1000.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

L. D. Phone, Central 3067.

At Percy Jones' store bulbous stock continues to be a leader and very fancy tulips and freesias are included in the daily shipments. Carnations are coming in crop with his growers and the receipts the past week have been the heaviest for several months.

Zech & Mann are receiving a large supply of lilies in the longer stemmed grades which are in good demand and clean up at an early hour each day. Sweet peas are more plentiful at this establishment and the shipments are steadily increasing.

C. L. Sherer has sold his stock in the John Kruchten Co. to Nic Kruchten, a brother of John and Henry Kruchten, the other members of the firm, and is now connected with Kyle & Foerster, the change taking place Friday, March 3.

Trade at Peter Reinberg's store has been very good the past week, according to Manager Reichling, who reports an especially heavy demand for Ophelia, Sunburst and Mrs. Chas. Russell roses, which they are cutting in quantity.

Joseph Ziska & Sons have a large and complete stock of supplies on hand and could use larger quarters to good advantage, for their business has increased to such an extent that they are very much crowded for room.

Schiller's downtown store has a nice showing of spring plants and the establishment under the able management of Reinhold Schiller is kept in the best possible condition and always presents a most inviting appearance.

John Risch says that Weiland & Risch will discard the roses Ophelia and Taft next season to make room for the beautiful shell pink rose Mrs. Moorfield Storey, which they are at present growing in large quantities.

At a meeting, March 6, of the creditors of the Atlas Floral Co., 32 East Randolph street, arrangements were made whereby the claims of the company will be liquidated and the business continued.

Chris Pederson has enjoyed a good business at his store at 58 East Randolph street since he opened there and

Original St. Patrick's Green Carnation Absorber

Enough powder to make one
to two quarts of fluid **50c**

Enough powder to make two
to four quarts of fluid **\$1.00**

Absolutely the best. Satisfaction guaranteed or money cheerfully refunded.

ERNE & KLINGEL

30 E. Randolph St., Chicago.

Mention the American Florist when writing

filled a funeral order this week for several large pieces which were sent to Jerico, Va.

Fred Klingel says that his business partner, Chas. Erne, is still in the hospital, but it will not be long before he will be in condition to pay the boys at the Erne & Klingel store a visit.

J. C. Craig and sons report a good demand for funeral work at their South Wabash avenue store and are cutting a fair supply of stock at their Hillside greenhouses.

Donald R. Livengood and H. Kriehbaum, who recently purchased the Columbia City Floral Co.'s business at Columbia City, Ind., were visitors at Poehlmann Bros. Co.'s store this week.

George Wienhoeber had a very pretty window display this week of crocus in birch bark receptacles, azaleas, ericas and other choice blooming plants.

The Chicago Flower Growers' Association reports a good increase in its shipping trade and has a complete line of stock to supply its customers.

The John C. Moninger Co. has just received an order from the Labo Floral Co., of Joliet, for two new houses, one 30x200 and the other 42x200 feet.

M. C. Gunterberg is handling an unusually large supply of violets in addition to other seasonable stock and has a steady demand for same.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Tremendous Supply

Roses, Carnations, Tulips, Lilies, Etc.

Exceptionally Fine Stock that will carry splendidly on long distance shipping orders. Try us.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long stems		\$ 5.00
36-inch stems		\$ 4.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium		10.00 to 15.00
Short		8.00

ROSES.		Per 100
White Killarney...		
Killarney		
Killarney Brilliant.		
Ward		
Sunburst		
Ophelia		
Maryland		
Richmond		
Milady		
Roses, our selection		
Special		\$12.00
Fancy		10.00
Medium		8.00
Short		\$ 4.00 to 6.00

CARNATIONS, select		Per 100
"	fancy	\$ 1.50 to 2.00
"	"	3.00

MISCELLANEOUS.		Per 100
Cattleyas	per doz., \$6.00 to \$7.50	
Valley		\$ 4.00 to \$5.00
Violets		.50 to 1.00
Freessias		3.00 to 4.00
Romans		2.00 to 4.00
Tulips		2.00 to 4.00
Lilies	per doz., \$1.50 to \$2.00	
Callas	per doz., 2.00	
Sweet Peas		1.00 to 2.50
Smilax	per doz., \$2.00	
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus	per bunch, .35c to 50c	
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays		.75
Mexican Ivy		.75

O. A. & L. A. Tonner were well pleased with business the opening day, March 1, in their new quarters and under the new firm name, when all the visitors were treated to a dandy smoke. Over 100 cigars were passed out and each represented a visitor to their establishment.

Simpson's Flower Shops, 3656 Ogden avenue and 432 North Parkside avenue, Austin, have a new Studebaker delivery car. C. B. Le Mer is in charge of the Ogden avenue store and Mrs. Simpson looks after the new store in Austin, which will be enlarged in the near future.

Herman W. Rogers celebrated his fifteenth wedding anniversary February 27. He has been with Weiland & Risch for many years, and is considered one of the most efficient salesmen in this section of the country.

A. E. Hunt & Co. are showing a good supply of lupines and anemones which are not seen in any great quantities in the market.

Latest reports from John Enders, of the Poehlmann's store force, are to the effect that he is progressing favorably.

A. Miller of A. Henderson & Co., celebrated the twenty-ninth anniversary of his birthday, March 4.

E. C. Pruner is back from a successful business trip through the southwest for Poehlmann Bros. Co.

The Alpha Floral Co.'s store at 146 South Wabash avenue looks splendid in its new coat of white paint.

The Chicago Florists' Club will meet at the Hotel Morrison, Thursday evening, March 9, at 8 p. m.

Henry Weiss, formerly with Poehlmann Bros. Co., is back in the employ of J. A. Budlong.

Visitors: M. Philip, Wausau, Wis.; W. A. Rowe, Kirkwood, Mo.; O. H. Carlson, Minneapolis, Minn.; Thos. Knight of Knight & Struck Co., New York.

BASKETS

\$5.00 and \$10.00
Assortments.

Try either one of these assortments of Cut Flower and Plant Baskets and you will not go wrong for our line is absolutely new and consists of all the latest and most desirable designs. They are finished in all colors, Nile Green, Brown, any two-toned effect, etc. We can give you splendid values at prices ranging from 50 cents to \$2.00 each. Easter is near and you will need baskets then, so why not give us a trial order today.

CUT FLOWERS.

Nice supply of roses including Sunburst, Killarney, White Killarney and Richmond Fancy Carnations, Violets, White Narcissi, Stocks, Daffodils, Jonquils, Sweet Peas, Tulips, Galax, Ferns, etc.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

GREEN

Cyaceine Flower Coloring for St. Patrick's Day

We have handled this coloring for the past two years and find it to be the most satisfactory green coloring in the market and have never known it to injure flowers in any way, not even destroying their fragrance.

We offer this to you at 50c per package (enough for one or two quarts and will color from 100 to 300 carnations) or three packages for \$1.25, postpaid.

Special discounts on large quantities.

It is impossible to get any more coloring imported, therefore order early.

A. T. PYFER & COMPANY, 30 E. Randolph St., Chicago, Ill

Chicago Bowling.

NORTH CHICAGO SCORES, MARCH 2.

Players—	1st Game	2d Game	3d Game
J. Huebner	140	231	161
W. Lorman	159	146	173
J. Zech	199	182	209
F. Price	247	159	170
P. Olsen	184	161	167
Totals	937	879	880

St. Louis.

GOOD TRADE DESPITE BAD WEATHER.

Notwithstanding some very bad weather last week, followed by colder temperature and snow, business has been very good. Roses are still scarce, there being practically no American Beauty roses and but few Killarneys. Carnations are not very plentiful, but

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Mention the American Florist when writing

are large and fine in quality. There are plenty of callas and Harrisii lilies, both of which are very fine, and as there has been a great deal of funeral work the demand for lilies was good. Sweet peas are plentiful, but find a ready market. Violets are also plentiful. Displays of seeds in the numerous stores herald the approach of the spring season.

NOTES.

The most interesting event of the past week was the four-day opening of the Missouri Athletic Association. A number of the most artistic floral designs ever seen in this city were made for the occasion, every florist in the city having commissions.

Charles Beyer, Bergstermann's, the Schoenle Floral Co. and Windler's Flower Shop on South Grand avenue report plenty of funeral work. All of these establishments are showing some fine spring plants in their windows.

C. A. Kuehn is showing a very good selection of spring flowers. He also has some very fine Sunburst, Aaron Ward and Hoosier Beauty roses.

Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa., visited the trade in this city this week and reports business good.

The Windler Co.'s establishment is always a busy place. The stock here is displayed invitingly and cleans up daily.

George H. Angermueller reports very good business. He is displaying a fine line of florists' supplies.

F. C. Weber has some very attractive windows at his Olive street establishment.

H. G. Berning is receiving some very fine carnations, violets and sweet peas. The Bentzen Floral Co. had a busy week with funeral orders. J. E. H. S.

Cleveland.

SUPPLY SHORTENS BUT DEMAND IS BRISK.

Business has been very brisk the past week. There seems to be a shortening up in the supply of stock, noticeably in the bulbous line, while roses and carnations too are not in as large supply as the week previous. Bi-color daffodils are arriving in larger supply just now, but are not overplentiful. Good lily of the valley is still scarce. Orchids are of good quality and moving nicely. Inquiries for white carnations for St. Patrick's day and green coloring are coming in. Florists are having a hard time finding

green crepe paper of good quality, especially moss green. There is a good demand for green magnolias, also for brown and red. Greens of all kinds are short of the demand.

NOTES.

Miss Ruth Mercer will be one of a party of 50 girls arrayed in the costumes of many lands to plead the cause of foreign missions in a missionary pageant at Pilgrim Congregational church, West Fourteenth and Starkweather streets. Miss Mercer will represent the spirit of America.

The florists' club dance will be held at the West Side Chamber of Industry hall, West Twenty-fifth street and Franklin avenue, Wednesday, March 15. Tickets are \$1 per couple. Come yourself and tell your friends.

The Park Flower Shop was remodeled this week, making the store space much larger. C. F. B.

Cincinnati.

GOOD SUPPLY AND MARKET IS EASY.

The market is pretty well supplied in all lines and is easy. Shipping business holds up nicely. Roses are now plentiful. The carnation cut, while sufficient for present needs, still is not very large. Many fine Easter lilies are coming into the market. The sweet pea cut is large, but is not cleaning up as well as it did up to last week or 10 days ago. Violets, lily of the valley and orchids are very plentiful. Smaller bulbous stock may be had in fair quantities. Rubrum lilies and callas have a fair market. Green goods are plentiful.

NOTES.

A severe thunder storm, accompanied by hail and high wind, visited this city and vicinity early Monday evening, March 6. Up to the time of this writing, however, it is not known whether or not any damage resulted to the florists.

The regular meeting of the florists' society will be held, March 13, at Hotel Gibson.

Ed. Buschle, of C. E. Critchell's force, has recovered from his recent illness and operation and is again at his work.

Roy Rudolph has taken charge of the business of his father, the late Max Rudolph.

R. A. Kelly and wife have returned from their southern trip. H.

Current Price List

ROSES

Per 100

Mrs. Chas. Russell...\$10.00 to \$15.00

Ophelia.....Long.....8.00

Sunburst.....Medium \$5.00 to 6.00

Killarney.....Short.....4.00

W. Killarney...Short.....4.00

Kill. Brilliant..

CARNATIONS, De Luxe.....3.00

Select.....2.00

Miscellaneous

Jonquils.....\$ 2.00 to \$4.00 per 100

Daffodils.....3.00 to 4.00 per 100

Freesias.....2.00 to 3.00 per 100

Lilies.....10.00 to 12.50 per 100

Lily of the Valley, \$4.00- 5.00 per 100

Violets, double, \$0.50 to 1.00 per 100

Sweet Peas.....1.50 to 2.00 per 100

Paper Whites...3.00 to 4.00 per 100

Tulips.....3.00 to 4.00 per 100

Ferns.....3.00 per 1000

Asparagus.....bunch, 35c to 50c each

Sprengeri.....bunch, 25c to 35c each

Galax.....\$1.00 1000

Mexican Ivy.....75c per 100

Boxwood.....large bunch, 25c each

Subject to Market Changes.

Columbus, O.

SURPLUS OF STOCK AND LOW PRICES RULE.

A dull streak has developed in the trade, with stock in excess of demand. Some florists are having special sales to stimulate business. The best carnations are selling at 50 cents a dozen. Cuttings are very abundant. Roses are fine in most varieties, prices ranging from \$1.50 to \$4 a dozen. Sweet peas are offered at 20 cents a bunch, or three for 50 cents. The latest addition to florists' displays are Prince of Wales single violets. They are of extra quality and command \$1.50 per 100. February showed a marked falling off in funeral work, as compared with January, and this branch of the trade has been quiet so far in March. There has also been a letting up in the demand for pot plants for sick room and hospital purposes. Primroses, hyacinths and other spring plants are still very active, nevertheless.

NOTES.

William Spreng, of the Livingston Seed Company, who has just returned from the east, on his annual trip in selling tomato seed, reports a revolutionary state of affairs in the important truck-gardening district near Wilmington, Del. This is the seat of the DuPont Powder Company, whose works are running day and night to meet their foreign war orders. They employ 15,000 people, and the demand from them for labor is crippling the truck-farming industry, as it cannot afford to meet prevailing wages. Common laborers receive \$2 a day, and one man out of every five is a foreman, at a wage of \$4 per day. A number of small farmers have temporarily abandoned that pursuit, and are working for the powder people. Motor trucks call for the men at their homes and bring them back again after an eight-hour day. This great tomato territory will make a small showing on acreage this year.

The finest primroses reaching this market are grown by a woman, Mrs. R. G. Ulry, whose range is at Gambier, O. Her output is confined practically to this flower and the bulk of it is shipped to this city.

Visitor: A. Albert, West Philadelphia, P.

DAYTON, O.—The Tredway Floral Co. is increasing the size of its present establishment.

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

Heavy Supply of the Most Popular Roses—**Russells, Ophelia, Sunburst, Double White Killarney** in the short and longer stemmed grades. Also plenty of **Pink Killarney, Killarney Brilliant, Richmond, Milady and Wards.** Orchids, Snapdragons, Lilies, Valley, Daffodils, Violets, Sweet Peas, Freesias, Tulips, Jonquils, Harrisii, Callas, Daisies, **AND ALL OTHER CUT FLOWERS AND GREENS.**

Heavy cuts Carnations received daily - Special prices on quantity lots

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Massachusetts Agricultural College.

The department of floriculture wishes to extend a cordial invitation to all interested to attend its annual course of lectures and series of exhibitions which will be held during Farmers' week, the opening of the programme being scheduled for Tuesday afternoon, March 14, and continuing the morning and afternoon of the following day. A great deal of interest is already being manifested by the florists and gardeners of this section. An interesting programme of lectures has been arranged, and in addition to some of the men on the college faculty, several other speakers, including F. E. Palmer of Brookline; H. E. Downer, of Northampton; Maurice Fuld of New York; Mr. Sinclair of Holyoke, and Robert Pyle of West Grove, Pa., have been scheduled for talks. (An interesting feature which will terminate the programme is the question box.) The lecture programme has previously appeared in THE AMERICAN FLORIST of February 26.

In addition to the lectures the department will have an educational exhibit of spring-flowering plants. The educational exhibit, which will be held in the building, will include numerous displays of student work and in addition many exhibits of an educational value. The exhibit of spring-flowering plants will take place in the greenhouses. The department has a large collection of bulbs and other spring-flowering plants which will be at their best during Farmers' week. One house will be used as a show house and in this flowering and foliage plants will be effectively arranged. The rest of the houses will also be of interest, for the various crops and pot

plants are in good shape at the present. The old conservatories with their huge specimens of palms, araucarias, bananas and numerous other tropical plants will also be of much interest.

A. S. T.

Florist Bowlers Invited to Washington.

Washington florists, interested in the coming bowling tournament of the Atlantic Coast Bowling Association, to be held in the national capital, starting April 3, are planning to interest the florist-bowlers who will attend the big flower show at Philadelphia, March 25-April 2. Florist night during the tournament will be a grand occasion. William F. Gude of Washington is president of the Atlantic Coast Bowling Association. It is Mr. Gude's intention to visit Philadelphia at the time of the big flower exhibition, and explain to the florists who will be in attendance there as to Washington's big bowling tournament. Numbered among the florists of the country are a number of excellent bowlers, and these men have always been willing to enter into anything that makes for the betterment of the game.

Traditionally a sociable affair, a pilgrimage of the florists to the national capital as participants in the bowling tournament in April, will be a gala occasion, and will take its place alongside of Masonic night, Knights of Columbus night, Elks' night, and other special features of the tournament.

The mammoth building in which the bowling is to be held was the home of the Grand Army encampment, and is commodious enough to hold the equivalent of four army corps. Room for every conceivable need of the bowlers and their friends is thereby provided.

Entries in the bowling tournament close March 25, and the florists should

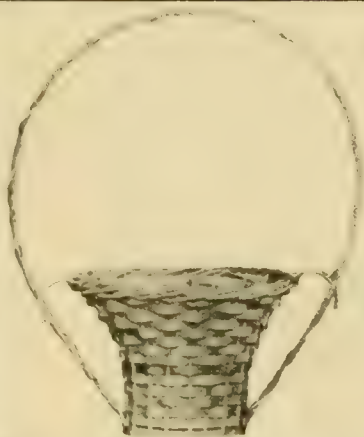
get busy at once. As the Philadelphia flower show closes April 2, and the bowling tournament starts April 3, florists' day at the national capital could be worked in as a side trip of the convention, and allow the florists to get back to their business in ample time to care for the Easter rush.

Further information concerning the A. C. B. A. tournament can be obtained from Secretary Thos. Grant of the Chamber of Commerce, 1202 F street, Northwest, Washington, D. C.

Frederickton, N. B.

There has been a continuous run of funeral work during the past two months, and while by some this has been considered a mild winter, during the past month the thermometer has touched two extremes—25 degrees below and 50 to 60 degrees above. There seems to have been a shortage of cut flowers throughout Canada, although we have been getting considerable good stock from Ontario, and also from Boston, there seeming to be a good supply at the latter market at nearly all times. A nice supply of azaleas, cyclamens, primroses, cinerarias and hyacinths, in bloom, are now to be seen. Smilax all through the winter has been almost worth its weight in gold. Carnations are about right—one cut following another in quick succession, and the color is good. Business, however, is variable, the demand being uncertain, and it is either a "feast or a famine," as far as sales are concerned. "Dollar boxes" and a bargain offer of "\$1 worth of cut flowers or plants for 50 cents," have been offered by the local trade to stimulate buying, but the public seems to hold to the principle, "Never buy what you do not want, just because it is cheap." The outlook for good spring business is encouraging.

J. B.



PLANT BASKETS

Suitable for 4-inch and 5-inch pots and also Cut Flowers.
You will need these between now and Easter, so order a few today.

35 Cents Each, - \$4.20 per Dozen

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.

Los Angeles.

GOOD SUPPLY AND BRISK DEMAND.

The flower shops are most inviting at present. There are fine stocks to be seen, nearly all seasonable varieties are on hand, and as trade is quite brisk, the florists are feeling fine. Roses are of exceptionally good quality, and the same can also be said of carnations, but the latter are very low in price; in fact, they are sold at the flower stands at 15 cents for 50. Forget-me-nots are becoming common and lily of the valley is seen in greater supply. It is the consensus of opinion that they will have practically disappeared by Easter, the date being so late this year.

NOTES.

Wright's Flower Shop has a grand display of roses at present, the stock being grown at their range. Their American Beauties, Prima Donna and Mrs. Aaron Ward are especially fine both in substance and color. They have recently been showing some fine Schilleriana orchids that attracted much attention on account of the immense sprays and dainty coloring.

The Broadway Florists are receiving a big shipment of supplies from the East to satisfy an ever growing demand. Funeral work is keeping the force at this establishment very busy.

Wolfskill Bros. & Morris Goldenson report the usual amount of good business. Their stock is well kept up and always presents an attractive appearance.

The California Cut Flower & Evergreen Co., besides having a big shipping trade, reports a good general demand.

G. H. H.

The Country.

Prof. Frank A. Waugh, of the department of horticulture, Massachusetts Agricultural College, Amherst, is sending out an attractive card to the Boys' and Girls' club members of that state on which we find the following:

God made the country, and saw that it was good.

Which means that it must be good for me.

Its free, honest, straightforward, open life; its friendly associations; its contacts with nature on the one side and with men on the other;

Its sanity and independence and comfortable living, without poverty and without wealth;

These are qualities which I seek for my own life. On their account I will love the country.

I will love the sweet smell of the soil, the infinite open sky, the wide fields, the solemn forests and all that grows out of the earth;

Here I would live, finding the substantial satisfactions of honest work fairly required, of neighborliness and good-will toward men, and of genuine service to my country.

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Chinese Plants.

The third expedition into China to discover new plants suitable for introduction into the United States has been completed by F. N. Meyer, plant explorer of the department, who has just returned to Washington after a three-year trip in the Far East. As a result of this expedition through the center of China, and two previous explorations of similar duration covering extremely cold Manchurian regions and the arid regions of Chinese Turkestan, there have been sent to America, for planting and testing for commercial adaptability, seeds, roots, or cuttings of some 3,000 food and forage plants, flowers, ornamental shrubs and vines, shade and timber trees. The previous expeditions brought to America specimens of many cold-resistant and dry-land grains, sorghums, soy beans, alfalfas, and forage plants, and also certain semitropical plants, such as the bamboo, which are now under experimentation to determine their usefulness for the extreme south.

Of the many specimens forwarded to this country during the last expedition, the specialists regard as most significant the jujube, a fruit new to this country, which may be suitable for use in the southwest; a wild peach resistant to alkali, cold, and drought, the root system of which offers great possibilities as a grafting host; certain Chinese persimmons larger than any hitherto known in this country; a number of aquatic food roots and vegetables which offer promising possibilities for the utilization of swamp land; some 30 varieties of vegetable and timber bamboos; and a number of Chinese vegetables, bush and climber roses, shrubs, and trees.

The Nitrate Industry.

Caliche, the raw material from which the nitrate of commerce is extracted, was discovered in the great desert of northern Chile by the Indians some time in the seventeenth century. The first nitrate company was organized in 1812 with very crude reduction methods employed. The present era in the industry dates from 1855 with the introduction of steam as a means of heating and evaporating the solutions.

In 1873 the Peruvian government assumed a monopoly of the nitrate lands and made grants in a careless manner. This led to much difficulty encountered by Chile when that country was left in possession of this area at the close of the Pacific war. However, titles have since been generally cleared up and beneficial laws enacted, covering not only the matter of land disposal, but of labor and other important questions.

According to the latest official report of the inspector general of the nitrate deposits, the zone of nitrate-bearing ground comprises 200,000 square kilometers, of which less than three percent has been surveyed and prospected. In this surveyed portion alone there remains enough nitrate to supply the world for an additional 100 years, measured at the present rate of production. These calculations have been made on an extremely conservative basis, and take no account whatever of known areas of low-grade material.

The industry is divided into two principal operations: (1) mining and transportation of the crude material and (2) production of nitrate. Methods employed in both branches leave room for improvement. Under present practice, considering average value of raw material, wages, etc., the cost of producing commercial nitrate is estimated at 50 cents per quintal (101.44 pounds.)

Trade specifications require a content of nitrate of sodium equal to at least 95 per cent. This is used as a fertilizer.

KEOKUK, IA.—Francis O. Seymour of this city has been granted Patent No. 1,171,263, for a plant setting machine.

CHILLICOTHE, O.—Louis Elsas has plans for a large new store, conservatory and garage to cost upwards of \$10,000.

MONTGOMERY, ALA.—Rosemont Gardens are preparing to add one house, 35x200 feet, to their range on Carter Hill road.

CHARLESTON, WEST VA.—The Charleston Cut Flower & Plant Co. will add to their new range several additional houses this season.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

WIRE HANGING BASKETS

Our Baskets are made strong and substantial, so do not compare them with other "cheap" made-up baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	\$1.25	14 inches	\$2.50
10 inches	1.50	16 inches	3.00
12 inches	2.00	(Larger sizes to order.)	

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles).....\$1.25
Per 5 bale lots for.....6.00

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

EDWARDSVILLE, ILL.—Two houses, each 150 feet long, will be erected this spring by the Woodlawn Gardens.

HIGHLAND FALLS, N. Y.—Fred Michel has placed an order for an addition to his range, to be finished by April 1. The new house will be 11x50 feet.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	\$6 00
" " 36-in.....	5 00
" " 30-in.....	4 00
" " 24-in.....	3 00
" " 20-in.....	1 50@ 2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	1 00@ 5 00
Per 100	
" Hoosier Beauty.....	5 00@45 00
" Killarney Brilliant.....	4 00@15 00
" Killarney.....	4 00@15 00
" White Killarney.....	4 00@15 00
" Richmond.....	4 00@15 00
" Prince de Bulgarie.....	4 00@15 00
" Rhea Reid.....	4 00@15 00
" My Maryland.....	4 00@15 00
" Mrs. Geo. Sawyer.....	4 00@15 00
" Milady.....	4 00@15 00
" Sunburst.....	4 00@15 00
" Mrs. Aaron Ward.....	4 00@15 00
" Hadley.....	4 00@15 00
" Ophelia.....	4 00@15 00
" Our selection.....	5 00
Carnations.....	1 50@ 3 00
Cattleyas.....per doz.,	6 00
Gardenias.....per doz.,	3 00@ 4 00
Jonquils.....	3 00@ 4 00
Freesias, Tulips.....	3 00@ 4 00
Lilium Harrison.....	10 00@15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	3 00@ 4 00
Romans.....	3 00@ 4 00
Sweet Peas.....	1 50@ 2 50
Valley.....	4 00@ 5 00
Violets, single.....	50@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@6 00
Plumous Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumous Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50:

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St. CHICAGO

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

ROOTED CARNATION CUTTINGS.

	100	1000
C. Akehurst—Rose pink.....	\$6.00	\$50.00
Alice—Salmon shade.....	6.00	50.00
Chas. Siegwald.....	5.00	40.00
Enchantress Supreme—Light Salmon.....	3.50	30.00
Philadelphia—Rose pink.....	3.00	25.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	3.00	22.50

	100	1000
R. P. Enchantress.....	\$3.00	\$22.50
L. P. Enchantress.....	3.00	22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

	100	1000
Perfection—White.....	\$3.00	\$22.50
Wonder—White.....	3.00	22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD SUPPLY MOVES WELL AT FAIR PRICES.

For the last week of the social season, the demand has not shown any great strength. There were some important weddings and other large fashionable functions, the most notable being the second assembly ball, at which the decorations were quite elaborate. Prices hold up very well considering the time of year and the fairly good supply, which has not greatly exceeded the demand at any time this season. In roses, American Beauties are very scarce, selling as high as \$1 each for the specials. Forced special teas sell up clean at high figures. There are more short and medium grades now, which move off very well at a shade lower prices. Carnations are in good supply, selling up very close at fair figures. Snapdragon is coming a little faster and in a few weeks more it will be a great factor. Sweet peas are plentiful, particularly in the shorter grades, and some tiptop stock is seen. Violets are going off, that is, those that have been producing all season. The cold frame stock will be in very soon and hold the place until warm weather. Lily of the valley continues scarce, with values about 20 per cent higher than ever before known at this season of the year. Snapdragon is a little easier and can now be had in fair quantities. Pink Japanese lilies are now a fixture in the list of winter flowers and are coming into use on all sorts of decorations. Quantities are now sold over the counter, the buyers seeming to prefer them to high priced roses.

CLUB MEETING.

The March meeting of the florists' club was another winner, there being a splendid turn out of members. It was "sweet pea night," and the essay committee is to be congratulated on the splendid exhibition of lovely flowers that were placed on view. Allan Harvey & Son, Brandywine Summit, Pa.; Scarlett Bros. and Yeatman & Way of Kennett Square, Pa.; Gude Bros., Washington, D. C.; C. S. Loeffler, Lititz, Pa., and Wm. Kleinheinz, Ogontz, Pa., were among the exhibitors. The paper by Howard M. Earl on "The Modern Winter Flowering Sweet Pea, Its Origin and Development Up-to-Date," was read by George C. Watson, owing to illness of Mr. Earl. It was listened to with marked attention and received the thanks of the club. A feature of especial interest to the club was the election of 27 members, the most that has ever been elected at one time. The exhibit of Gude Brothers of Washington, D. C., staged by the S. S. Pennock-Meehan Company, was a feature in itself. Eighty-one vases, each a separate variety, was a record in this city. All were splendid flowers. Their vases of roses were superb. Taft, Mock and Radiance being especially fine. Allan Harvey's vases of Lavender Orchid, Christmas Pink and White Orchid sweet peas were wonderful, with their large flowers and extra long stems. A vase of the new carnation, Cottage Maid, from Cottage Gardens Co., Inc., Queens, N. Y., was a great attraction in superb flowers and color. The "drys" won out and the banquet is to

Wholesale Flower Markets

BOSTON, Mar. 8.

Per 100

Roses, Beauty.....	40 00@60 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@6 00
" My Maryland.....	50 @ 5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@5 00
Sweet Peas.....	1 50@2 00
Carnations.....	1 00@2 00
select.....	2 00@3 00

BUFFALO, Mar. 8.

Per 100

Roses, Killarney.....	4 00@10 00
" White Killarney.....	4 00@10 00
" My Maryland.....	6 00@10 00
" Killarney Queen.....	4 00@8 00
" Richmond.....	6 00@15 00
" Sunburst.....	4 00@10 00
" Ward.....	4 00@6 00
" Taft.....	5 00@12 00
" Opelia.....	6 00@10 00
" Francis Scott Key.....	8 00@15 00
" Sawyer.....	5 00@12 00
" Bon Silene.....	3 00@4 00
Lily of the Valley.....	4 00@5 00
Lilies.....	10 00@12 00
Cattleyas.....	40 00@50 00
Carnations.....	1 50@3 00
Snappdragons.....	6 00@10 00
Violets.....	50 @ 60
Yellow Tulips.....	2 00@3 00
Daffodils.....	2 00@3 00
Freesias.....	2 50@4 00
Paper Whites.....	2 00@3 00
Asparagus Sprengeri... 35@ 50	
Ferns.....per 1000. 2 50	
Smilax.....	15 00

CINCINNATI, Mar. 8.

Roses, Beauty.....per doz. \$1 50@5 00

Per 100

" Killarney.....	3 00@8 00
" My Maryland.....	3 00@8 00
" Richmond.....	3 00@8 00
" Taft.....	3 00@8 00
Lily of the Valley.....	4 00@5 00
Lilium Giganteum.....	8 00@12 50
Asparagus Plumosus, per bch. 25c	
Orchids.....per doz., 6 00@7 50	
Carnations.....	2 00@4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	35 @ 50
Narcissus.....	2 00@3 00
Sweet Peas.....	50 @ 1 00
Daffodils.....	2 00@4 00
Jonquils.....	2 00@4 00
Hyacinths.....	4 00@5 00

be held in Horticultural hall. It will be the greatest florists' banquet of the century. The April meeting will be known as rose night. Stephen Mortenson, Edward Tonill and Martin Samptman will be the speakers. Allan Harvey spoke of the difficulty in keeping the buds on sweet peas during the dark winter months, much loss being caused by their failure to open. M. Reed, of the Whilldin Pottery Company, gave away and made a great hit with their novelty pipe; a one-inch pot was the bowl, fitted with an amber stem. Great enthusiasm was expressed by the members for the flower show. Messrs. Farenwald, Thirkildson, Thilow, and others, spoke of the good work going on. Mr. Farenwald estimated that the attendance would run over 150,000, and Mr. Thilow spoke of the great work being done by the ladies' garden clubs

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

and other society organizations that were doing wonderful advertising work for the show.

NOTES.

The decorations for the assembly hall by Habermehl, March 3, were most elaborate. The affair was held in the Bellevue-Stratford hotel. The

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO

large ball room was covered with flowers from floor to ceiling, which latter was canopied with southern smilax. The large windows were hidden with drop curtains depicting tropical scenes. The front of the large balcony was in blocks of color. Pink carnations in loose bunches were arranged next to pots of genistas in full flower. A block of pink Japanese lilies were showy. All of these were placed in a background of hemlock and southern smilax. A great many electric lights, with the globes covered with pink shades, gave a subdued pink tone, which was the predominant color. The electric wiring for the additional illumination is all done by their own staff of electricians, which are kept busy all the time attending to work of this character. At the stage end of the large room, pergolas had been erected and these were covered with pink Rambler roses. A large electric fountain, with changeable lights, was a feature between the pergolas. The clover room adjoining, about half the size of the ball room, was turned into a garden with summer houses, garden vases, real stumps for vase pedestals, fountains, etc., and the floor completely covered with grass mats. Two large

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Mar. 8.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
" first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@1.50		
Sweet Peas.....	1 00@ 2 00	
Snapdragons.....	8 00@20 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50 @ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Mar. 8.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@ 8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Gigantum.....	12 00	
Sweet Peas.....	50 @ 1 00	
Narcissus.....	3 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengerii, per bunch, 35@40		

MILWAUKEE, Mar. 8.		Per 100
Roses, Killarney and W. Killarney	5 00@12 00	
" Ward, Sunburst.....	5 00@12 00	
" Mrs. Chas. Russell.....	8 00@25 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	5 00@12 00	
Lilies..... per doz., \$1.50@1.75		
Daisies.....	50 @ 75	
Cattleyas..... per doz., 6 00		
Narcissus.....	3 00@ 4 00	
Sweet Peas.....	75 @ 2 00	
Carnations.....	1 50 @ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

CARNATION STAPLES

For mending split carnations.

Per 1000.....35c Box of 3000 for....\$1.00
Samples Free.

Also write for list of other supplies.

GEO. H. ANGERMUELLER
Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

St. Louis, Mar. 8.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@10 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	4 00@ 8 00	
" Sunburst.....	5 00@10 00	
" Ophelia.....	6 00@12 50	
" Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	3 00@ 4 00	
Orchids.....	25 00@50 00	
Callas.....	10 00@12 00	
Lilies.....	10 00	
Rubrum Lilies.....	10 00	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Mexican Ivy.....		

peacocks added their elegant plumage. Many cibotiums were used throughout the decorations. A feature was the long bunches of araucarias from Bermuda, which were used with good effect.

R. T. Brown, of the Cottage Gardens Co., who was appointed the speaker at the February meeting of the florists' club, but did not appear, writes that he has just returned from a trip south and explains that he had never been notified. This explanation is due Mr. Brown, who feels that he has been put in an unfavorable light through no fault of his own.

Everything in connection with the flower show is booming, the interest increasing steadily as the time grows near. The committee meetings are very well attended and great enthusiasm displayed. It is believed that the retail section will be very important as this branch of the trade are waking up and some wonderful creations are promised.

A concert by the musical clubs of the Wm. Penn Charter school, under the auspices of the florists' club, will be held in Horticultural hall March 11. After the concert there will be dancing. There will be no charge for admission. All members of the club are invited.

The Philadelphia Cut Flower Co. is handling the business of Walter Davis while he is under treatment for injuries resulting from being hit by a Ford car.

The H. F. Michell Co., Inc., purchased the large four-story building at 23 South Bank street to be used as a warehouse. How this house does grow!

Wm. Leonard now sells all his stock through the Philadelphia Wholesale Florists' Exchange. He is much pleased with his interest here.

At Berger Bros.' busy market, orchid sweet peas, roses and violets are first on the list. There are also spring flowers galore.

Edward Reid's Mock roses are splendid stock. His Sunburst and Marylands are also wonderfully fine.

High grade carnations are a feature with the Leo Niessen Co. Lilac and gardenias are also headliners.

K.

New York.

RETAILERS UNUSUALLY BUSY.

The wholesalers complained that the business of the past week was dull, but there seemed to be considerable activity about the retail stores. Though wholesale prices have held up remarkably well throughout the winter, excepting a few stocks, they are now on the decline. Short roses, which earlier in the season were almost at a premium, are getting hard to move. Good American Beauties, being scarce, are holding up well at \$60 and \$75 per 100. Special stock of Hadley, Sunburst, Ward, Killarney Queen and some others brings fair prices, but the tendency is downward on most of the rose stock. It may be taken for granted that carnations will be cheap from now till Easter. There seems to be a surplus of lilies and some of them are poor, but even the best are hard to move. The supply of sweet peas is again on the increase. Tulips, narcissi and freesias are moving moderately well at nominal prices. Violets seemed to do a little better toward the last of the week, but there are no high prices. There is little change in cattleya orchids, 50 cents per flower being the price for the best.

March 6.—There is a fair amount of business this morning. American Beauties are holding up to \$60 to \$75 per 100 but excepting Hadley, other roses are declining in price. The best cattleyas are selling at from \$50 to

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Mention the American Florist when writing

\$60 per 100. There is little or no change in the prices of other stocks. Snow is falling and indications point to a heavy storm.

NOTES.

The will of the late August Junge, formerly a grower of Secaucus, N. J., whose suicide was reported in our issue of February 26, has been admitted to probate by the Deputy Surrogate at Jersey City. Junge committed suicide at the home of Gustav Garreau, a Jersey City florist, February 16. For some unexplained reason, the suicide was not reported to the police, who, it is said, first learned of it from a Jersey City paper. The will is dated November 13, 1915. His estate at that time was estimated to be worth about \$75,000. The will specifies twenty-two bequests aggregating \$32,000. The residuary clause reads as follows: "All the rest, residue and remainder of my estate, I give and bequeath to the Imperial Government of Germany to be used for the benefit of the wounded soldiers and the soldiers' widows and orphans in such manner as the Imperial Government shall see fit and proper." Figuring on the total value of the estate, and the minor bequests, the German government will receive more than \$25,000. To Maurice Garreau and Gustav Garreau of Jersey City is bequeathed \$3,000 each; to Emil Savoy, a florist of Secaucus and a former neighbor, \$1,000. Emil Savoy is a Frenchman, and so, we believe, are the Garreaus. A number of other bequests are to friends and relatives. To a half-brother, Paul Junge of Berlin, Germany, \$2,000; to another half-brother, William Junge, \$2,000. To an uncle, August Schubert of Geilitz, Germany, \$2,000; to the trustees of the Presbyterian church of Secaucus, \$1,000; to the Carlstadt Turn Verein of Carlstadt, N. J., \$2,000. August Junge was a bachelor.

A fire of unknown origin, early on the morning of March 5, gutted the florists' supply factory of Reed & Keller, 120 West 25th street. This firm, with their store, offices, storerooms and factory, occupied two buildings, which fortunately were separated by a fire-wall. The store, office and storeroom occupying the building at 122 West 25th street escaped damage. Baskets and various other supplies were destroyed in the factory. Reed & Keller state that they are covered by insurance on the stock, but are put to great inconvenience, particularly at this season, by the delay incidental to the fire. Fortunately they have been able to secure another building and announce to their customers and friends that business is going on as usual, probably a



Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

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WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

Mention the American Florist when writing

little faster, as the whole force will be working at top speed from now to Easter.

At Ehmann's Flower Shop, 2112 Broadway, they are making a specialty of hand carved and hand painted butterflies, which are a decided novelty in the business. They are not only selling large quantities in their own up-to-date shop, but also wholesaling them to other florists throughout the country. They add much to the beauty of any flowering plant or vase of cut flowers. Until we saw them we did not believe that anybody could make such a clever imitation of a butterfly.

One of the most attractive retail stores of upper Broadway is that of the Colonial Florist, Broadway at 157th street. It is finely located and always

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WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
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Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
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 PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones } 1664 Madison Square, }
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 Receivers and Distributors of
CHOICEST CUT FLOWERS

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J. J. COAN, Inc.
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115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of all the NEW ROSES.
SHAMROCKS
For St. Patrick's Day
 1-inch and 2-inch pots and pipes.
 Order Now.
 Everything in Cut Flowers.
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Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
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20 Years' Experience.

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Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
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Wholesale Flower Markets

NEW YORK, Mar. 8.	Per 100
Roses, Beauty, special.....	50 00@75 00
extra and fancy.....	35 00@40 00
No. 1 and No. 2.....	6 00@10 00
Prima Donna, special.....	10 00@25 00
Alice Stanley.....	3 00@12 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Shawyer.....	3 00@10 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	8 00@10 00
special.....	8 00@10 00
No. 1 and No. 2.....	2 00@4 00
Queen.....	3 00@12 00
Brilliant.....	3 00@12 00
Aaron Ward.....	3 00@12 00
Richmond.....	2 00@10 00
Sunburst.....	3 00@12 00
Taft.....	3 00@12 00
J. L. Mock.....	3 00@10 00
Hadley.....	7 00@50 00
Ophelia.....	3 00@12 00
Mrs. Chas. Russell.....	3 00@10 00
Hoosier Beauty.....	3 00@12 00
Cattleya Orchids, special.....	50 00@60 00
inferior grades.....	20 00@25 00
Lilies, Longiflorum and Harrisii.....	6 00@8 00
Lily of the Valley.....	4 00@5 00
Carnations.....	1 00@3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings.	1 00@ 1 25
Gardenias..... per doz.	1 00@ 3 00
Violets, single.....	50@ 60
double.....	25@ 40
Sweet Peas, orchid flowered.....	1 25@ 1 50
common.....	25@ 75
Mignonette..... per doz., 50c@ \$1.00	
Pansies, cut.....	50@ 1 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Freerias.....	1 50@ 2 00
Tulips.....	1 25@ 3 00
Flamingo.....	3 50@ 4 00
White Lilac..... per bunch, \$0.75@ \$1.50	
Snapdragons..... per doz.,	1 25@ 1 50
Callas..... per doz.,	1 00@ 1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut } 4422
 } 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
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 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
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 Open for Cut Flower Sales
 at 6 o'clock every morning.
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V. S. DORVAL. Secretary.

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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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119 West 28th Street NEW YORK

George B. Hart
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24-30 Stone St., Rochester, N.Y.

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The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
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Wholesale Florist
106 W. 28th St., NEW YORK

WHOLESALE FLORISTS
L. Young & Co.
54 West 28th St., New York
 Consignments Solicited



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We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.25	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3 1/2.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11 00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x6 x3 1/2.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3 1/2.....	" 3.30	28x8x4	" 4.35	42x10x5	" 13.00
36x5 1/2x3 1/2.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

well stocked with fine plants and cut flowers. C. Sakelos, the proprietor, has an established reputation, not only for turning out fine work, but, equally important, for fair dealing. As he has three branch stores, he is one of the heaviest buyers in the wholesale district.

John Einsel, who for the past 30 years has been employed at the store of G. E. M. Stumpp, Fifth avenue and 58th street, and for the past 20 years has been buyer for the store, has resigned and take a position with P. J. Smith, the wholesaler of 131 West 28th street. John is a high class man and has the confidence and good wishes of many substantial friends.

Harry Bayersdorfer, of Philadelphia, was in this city March 4, and visited a number of the leading retailers. Like all other Quakers he is enthusiastic over the prospects for the National Flower Show at Philadelphia, and, please don't forget the date—March 25-April 2, and the place, Convention hall, Broad street and Allegheny avenue.

We have from time to time had occasion to note the activity of ladies in the florist business of this city. One of the noteworthy retail stores of the down town district is that of Mrs. Katie Caparell, 45 Cortlandt street. She is a very clever designer and is doing a good business.

We have recently noticed fine window decorations and good arrangement of cut flowers and plants at the retail store of William H. Long, 412 Columbus avenue. He is an old hand at the business and has, in Mrs. Long, an exceedingly clever and amiable assistant.

F. Fleischman, Inc., has leased another store beside his present location in the Hudson Terminal building, Cortlandt and Dey streets, which will give him about three times the space of his present quarters.

The news of the tragic death of Albert Roper of Tewksbury, Mass., was a great shock to many who knew him. He was a hard working, industrious and useful man in the business.

George Hildenbrand, of John Young & Co., has just finished a term of jury service. In addition to a fine stock of cut flowers this store is strong on cut adiantum and asparagus.

Mrs. Roy Bailey of North Dakota, with her young son, is on a visit to her father, John B. Nugent.

The Misses Hutchinson, of Elizabeth, N. J., who buy in this market, report an excellent season's business.

A. F. F.

Albany, N. Y.

CLUB MEETING.

At the March meeting of the florists' club the members listened with close attention to Robert Shoch, representative of the M. Rice Co., Philadelphia, Pa., while he described the preparations being made in Philadelphia for the National Flower Show. Mr. Shoch invited the members of the Albany club to attend and said that the New York and Newark, N. J., florists' clubs are making arrangements for special trains to go to Philadelphia. Mr. Shoch went into considerable detail, describing the work done in connection with the show and the plans in hand. As a result of the address an effort will be made to have a good representation from Albany, but unfortunately all the Albanians will not be able to leave for Philadelphia on the same day.

Harry G. Eyres, who has conducted a retail store for 30 years at 11 North Pearl street, will move this spring. He has taken a lease of the store at 106 State street, a short distance west of his present location. About April 1 he will begin to renovate the new store and for Easter will conduct business in both locations. The corporation which owns the Hotel TenEyck on North Pearl street opposite Mr. Eyres' present store, will build this year a large annex on the site. The plans provide for several stores on the ground floor which will be rented when the building is completed. Mr. Eyres has arranged to take one of these new stores. Another retailer who plans to move this spring is J. M. Tracey, the North End florist, 14 Clinton avenue. He will remove about May 1 to 683 Broadway, east of his present location.

The members decided to have a show of new varieties of flowers at the April meeting. A paper on the elevation of the retail business, to be read by F. A. Danker, was laid over until the next meeting. George Nagengast, of 806 Washington avenue, was elected a member; two applications received will be acted upon in April. Adjournment was had for refreshments and a social hour.

The three committees named by the

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

president for the year were announced as follows: Entertainment—Louis H. Schaefer, chairman; John J. Haggerty and Frank Williams; Finance—Fredrick A. Danker, Edward P. Tracey and Frederick Henkes; Sick Visitation—William Newport, Samuel Hanson, Louis Marx, William Christie, Frederick Henkes and Harvey Woodland.

President Thomas F. Tracey reported the receipt of a letter from the Credit Association of New York in regard to a plan by which the florists may collect their past due accounts. The letter promised further details which President Tracey said he was awaiting with interest.

R. D.

Bowling at New York.

The scores of the New York Florists' Bowling Club, rolled March 2, were as follows:

J. A. Manda	173	156
Fenrich	147	161
Phil. Kessler	152	149
W. H. Siebrecht, Sr.	150	146
Jacobson	158	153
Miesem	155	167
Riedel	206	166

A. F. F.

GREENCASTLE, IND.—The Horticultural Service Co. has been incorporated by C. B. Durham, H. W. Hobbs and J. W. Frost. The capital stock is \$10,000.

RICHMOND, VA.—Ratliffe & Tanner, florists, have filed a petition in bankruptcy, scheduling liabilities of \$48,301 and assets of \$51,589, of which \$34,000 is in real estate.

DALLAS, TEX.—The establishment of the Brown-Dawson Co., recently purchased by the Lang Floral & Nursery Co., will be continued under the name of the Lone Star Floral Co.

PAWTUCKET, R. I.—Lapham, the Florist, has given a chattel mortgage of \$1,800 on the contents of his greenhouses and store, the same being recovered to Matilda T. Lapham.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
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3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



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Successor to Sievers & Boland

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60 KEARNEY STREET

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WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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Connecticut Avenue and I Street

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Floral Experts

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Members of Florists' Telegraph Delivery.

PROVIDENCE, R. I.

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NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
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A. LANGE,

25 E. MADISON ST.

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REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

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CHICAGO

LOUISVILLE, KY.

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MASONIC TEMPLE

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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Western Union Code.

New York. Washington, D. C.

**J. H. SMALL & SONS,
FLORISTS**

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
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LARGEST FLOWER STORE IN THE CITY

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Greenhouses and Nurseries in Riverdale.

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Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Newark, N. J.

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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For Wisconsin Delivery

—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

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Max Schling

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TELEPHONES
1501 and L 1582

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Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Freidman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westbury, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chicago.
Schling, Max, 22 W. 59th St., New York.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
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The Park Floral Co.

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President

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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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J. R. BUTZOW

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We are Located Near Seven of Chicago's Leading
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properly on short notice. L. D. Phone, West 722

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Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

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761 Fifth Avenue

Member of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

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334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

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Colonial Florist

S. E. Cor. 157th St. and Broadway

Telephones—5822 Audubon, 1767 Audubon and
1125 Morningside.

4 Stores.

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Mail, telegraph or telephone orders promptly filled

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Member F. T. D. Park Ave. and 34th St.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

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Chicago—C. Frauenfelder.
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Chicago—Mangel.
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St. Louis, Mo.—F. H. Weber.
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Branch " " " " 1808

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And 49th St., NEW YORK

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Established 1849

David Clarke's Sons

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Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
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Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

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Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller the FLORIST
2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

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DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.
WIRE

Grimm & Gorly

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n



CHICAGO Mangel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

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Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

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1338 O Street, LINCOLN, NEB.
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Cut Flower Market, Inc.

Floral Designs a Specialty
356 FULTON STREET
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**Floral Designs and
Choice Cut Flowers**

Portland Flower Store
631 Congress St.

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Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully

cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Dreer's Famous American Asters



DREER'S SUPERB LATE BRANCHING ASTERS

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors, viz.:

	Trade pkt.	Per oz.
Azure Blue. A rich, deep lavender.....	\$.25	\$1.00
Pure White. Extra fine stock.....	.25	1.00
Shell Pink. An exquisite shade.....	.25	1.00
Rose Pink. A very desirable color.....	.25	1.00
Deep Rose. Rich and brilliant.....	.25	1.00
Deep Purple. Royal deep purple.....	.25	1.00
Lavender. A pale grayish-lavender.....	.25	1.00
Crimson. Very rich.....	.25	1.00
Finest Mixed. All the colors.....	.25	.75

The above is but one of our many fine varieties, for complete list and prices see our General Wholesale Price List.
Copies free to Florists on request.

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED CHICAGO: H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.

LEM W. BOWEN, of D. M. Ferry & Co., Detroit, Mich., is spending the winter at Royal Palm hotel, Miami, Fla.

Non-Warranty and Wisconsin Seed Law.

The members of the seed trade attending the meetings at Chicago last week in connection with the question of non-warranty and the Wisconsin seed law, as discussed in our issues of February 26 and March 4, included the following:

THE ATTENDANCE.

The John H. Allan Seed Co., Sheboygan, Wis. (E. M. Parmelee, C. Maynard, W. B. Lucas and D. D. Rowland); Jos. Breck & Sons Corp., Boston, Mass. (Luther Breck); H. W. Buckbee, Rockford, Ill.; The Everett B. Clark Seed Co., Milford, Conn. (E. F. Adams); Currie Bros. Co., Milwaukee, Wis.; D. M. Ferry & Co., Detroit, Mich. (Kirby B. White); Hogg & Lytle, Toronto, Ont.; Iowa Seed Co., Des Moines, Ia. (E. T. Pearce); N. B. Keeney & Son, LeRoy, N. Y. (N. B. Keeney); A. C. Kendel, Cleveland, O.; David Landreth Seed Co., Bristol, Pa. (Burnett Landreth); Arthur G. Lee, Ft. Smith, Ark.; J. M. Lupton, Mattituck, L. I., N. Y.; Northrup, King & Co., Minneapolis, Minn. (L. M. King); Jerome B. Rice Seed Co., Cambridge, N. Y. (John Hunt); J. C. Robinson Seed Co., Waterloo, Neb. (J. C. Robinson); Rogers Bros., Alpena, Mich. (A. L. Rogers); John A. Salzer Seed Co., La Crosse, Wis. (John A. Salzer); Curtis Nye Smith, Boston, Mass.; The W. W. Barnard Co., Chicago (A. H. Goodwin); Chas. Hollenbach, Chicago; Illinois Seed Co., Chicago (Geo. S. Green); Leonard Seed Co., Chicago (S. F. Leonard, A. H. Smith, John C. Leonard and E. S. Leonard); Vaughan's Seed Store, Chicago (J. C. Vaughan and Leonard H. Vaughan).

THE RESOLUTION.

The results of the discussion are summarized in the following resolution, unanimously adopted:

"The seedsmen present at a conference at the Sherman hotel, Chicago, March 2, 1916, reaffirm and endorse the non-warranty clause known as the American Seed Trade Association Non-Warranty clause and believe that all sales or agreement of sale, whenever made should contain said clause.

"In those contracts of sale, or sale of seeds, wherein, for any reason, seedsmen, contrary to the recommendation of the American seed trade, said non-warranty clause is waived, it is the opinion of said seedsmen, that for such waiver, or non-user, of said non-warranty clause, the seller should receive an additional purchase price for the seed by way of insurance and so stated as a term of the sale or agreement of sale and that the seller should be liable in any event, for not more than the purchase price of said seed."

California Rain Fall.

John C. Bodger, of John Bodger & Sons Co., Los Angeles, Calif., writes as follows under date of February 29: "In the last 48 hours we have had 1.61 inches of rain. It was said in the past that we were too far south to grow seed for the reason that we did not have sufficient rainfall. We have pleasure in enclosing herewith a table, showing the rainfall for the season. Friday night, February 25, we had half an hour's rain which amounted to 50/100 inches and over a storm of 48 hours 1.61. This is the third private storm for the benefit of John Bodger & Sons Co. and southern California in general. The first storm started our sweet peas out two months ahead of the north, and if we have another of these 'private' storms in April it is all we wish for."

THE RAINFALL.

Stations—	The storm.	The season.	Last season.
Los Angeles	1.13	18.49	14.56
Riverside .....	.63	14.97	10.76
Sierra Madre .....	.87	25.80	22.65
Ontario .....	.87	23.92	18.07
Upland .....	.90	33.90	.....
Monrovia .....	.82	23.46	17.87
Santa Barbara .....	.45	21.30	18.00
Carpinteria .....	.30	19.30	14.10
Goleta .....	.40	20.40	18.10
Santa Maria .....	.13	14.18	10.12
Lompoc .....	.10	15.13	12.05
San Bernardino .....	.95	21.87	14.67
Highland .....	.97	23.96	16.01
Escondido .....	.41	24.20	17.48
Pomona	1.02	23.69	.....
Santa Monica .....	.90	17.77	15.06
Venice .....	.66	12.39	12.32
San Luis Obispo .....	.26	23.84	.....
Fresno .....	.04	9.20	.....
San Jose .....	.08	14.61	.....
San Francisco .....	.41	24.81	.....
Sacramento .....	.10	15.90	.....
Red Bluff .....	.26	17.96	.....
Eureka .....	.28	20.20	.....

Holland Floods.

In a letter received from Sluis & Groot, Enkhuizen, Holland, March 7, and dated January 27, we find the following reference to the recent floods:

"The island of Marken, as well as the towns and villages of Edam, Monnikendam and Broeck in Waterland, etc., which many American tourists have visited, were involved in the catastrophe, and although only 16 persons were drowned the population has suffered enormously, and many refugees have been sheltered under the roofs of the surrounding towns and villages. Fortunately the polder in which we live, the ground of which is very fertile and which supports a dense population, had a narrow escape, for the

dikes were badly damaged in many places and even houses were partly destroyed by the big waves which came over the dams, so that people living near the dikes passed an awful night. Only one of our gardens of about 30 acres outside of the main dikes and surrounded by a lower dam has been entirely flooded, so that we will not be able to grow any flower and vegetable stock seeds in it for a year, but we have arranged to overcome this loss by securing ground elsewhere, so that our business will not be impaired in any way by this calamity."

Catalogue Postage Bill.

Chairman Therkindson of the postal laws committee of the American Seed Trade Association, advises that he had a conference with several senators and members of the post office and post roads committee at Washington, D. C., March 3, with reference to the catalogue postage bill, reproduced in our issue of March 4, page 346, and believes that with a little readjustment there will be no difficulty in securing the passage of the bill.

CHICAGO.—Prices for grass seed on the Board of Trade, March 8, were as follows: Timothy, \$5.00 to \$7.50 per 100 pounds.

THE Bureau of Plant Industry, Washington, D. C., desires three copies each of the catalogues of seedsmen for use in their investigation work and for the files of the bureau.

MILWAUKEE, WIS.—Additional equipment, which will increase the capacity 25 per cent, has been installed by the Milwaukee Seed Co., formerly the Rosenberg & Lieberman Co.

QUINCY, ILL.—The Wm. Vollbracht Company has been incorporated with a capital stock of \$10,000, and will conduct a seed and implement business with branches at Camp Point, Ursa and Barry, Ill.

LATEST advises from southern France indicate that the saw mills in France have been requisitioned for the army and growers may not be able to find the necessary lumber for bulb cases. In such an emergency they may be able to use large wicker hampers. In the event the lumber is obtainable the cases are likely to cost as much as francs 3.25.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

VAUGHAN'S SEED STORE, Chicago, announces the arrival of 53 large flower seed shipments from abroad, including a number of short items, such as Asparagus sprengeri, four o'clocks, lemon verbena, vinca, morning glory, stocks and phlox. The demand for flower seeds is said to be greater than ever before and this firm reports being able to fill all orders thus far the present season with no material increase of shortages.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snappdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Mention the American Florist when writing

ONION SETS?

LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDSBORO, N. J.**

Mention the American Florist when writing

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

GLADIOLUS BULBS AND BULBLETS.

Planting stock of Mrs. Francis
King, Augusta and America,
carefully grown and true to
label. Third, fourth and fifth
size bulbs at lowest thousand
rates. We are headquarters
and bulbs bought from us when
matured will bring pedigree
stock prices.

Vaughan's Seed Store,
CHICAGO. NEW YORK.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Mention the American Florist when writing



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz. ..\$2.25

Price list on application.

Cash with order

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

RED FLOWERING GREEN FOLIAGE

	Per 100	Case of 250	1000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
Duke of Marlboro, 4½ ft. glowing crimson..	1.50	3.50	14.00
Mophisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Pennsylvania, 5½ ft. deep orange scarlet..	1.50	3.50	14.00
Beaute Potvine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon.....	2.75	6.25	25.00
Dr. Robert Funke, 4½ ft. scarlet.....	5.25	12.50	50.00
Fuerst Bismarck, 4 ft. rich scarlet crimson..	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scarlet, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scarlet.....	2.25	5.00	20.00
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Pres. Cleveland, 3 ft. bright orange scarlet..	2.00	4.38	17.50
Pres. McKinley, 2½ to 3 ft. brilliant crimson	2.00	4.38	17.50
Pres. Meyer, 4 ft. cherry carmine.....	2.00	4.38	17.50
Pillar of Fire, 6 ft. to 7 ft. high, bright crimson scarlet.....	2.00	4.38	17.50

YELLOW CANNAS

	Per 100	Case of 250	1000
Kanzleiter, 3½ ft. pure light yellow.....	\$1.50	\$3.50	\$14.00
R. Wallace, 4½ ft. canary yellow, free.			
Better than Florence Vaughan.....	1.50	3.50	14.00
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00

RED GOLD-EDGE VARIETIES

Allemanina, 4 to 5 ft., green foliage, scarlet and yellow.....	\$1.35	\$3.00	\$12.00
General Merkel, 4 ft. the best scarlet gold edge sort. Superior to Mad. Crozy or Queen Charlotte.....	1.65	3.75	15.00
Gladiolora, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow.....	1.50	3.50	14.00

PINK FLOWERING CANNAS

Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large.....	12.00	27.50	110.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

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Colored—Twenty colors.

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The Import House

17 Murray Street, NEW YORK

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Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

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Established 1883.

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etc., ASTERS and FLOWER SEEDS in
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Real price catalogues for 1916 ready now.

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Grown For The Wholesale Seed Trade.

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Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

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when writing. : : :

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All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

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411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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ASTERS

QUEEN OF THE MARKET

The Standard Early Flowering Type

White	Silvery Lilac	Azure Blue		
Crimson	Scarlet	Light Blue		
Pink	Flesh			
Dark Blue	Dark Lilac		Trade pkt.	Oz.
Any of Above, per lb.	\$10.00; ¼ oz., 25c.		\$0.10	\$0.80
Mixed, all colors, lb.,	\$8.00		.10	.60

SEMPLER'S BRANCHING

White	Crimson	Cinnabar Carmine		
White turning to pink	Rose Pink	Purple		
Lavender	Azure Blue			
Fiery Scarlet	Daybreak (Mary Semple)			
	lb.	¼ oz.		
Any of Above,	\$10.00	25c.	.10	.80
Mixed, all colors,	9.00	20c.	.10	.60

CARLSON OR INVINCIBLE

White	Daybreak Pink	Lavender		
Violet Blue	Marquis Pink			
Any of the Above, ¼ oz.,	40c.		.25	1.50
Mixed, all colors			.15	1.25

CREGO

White	Lavender	Mixed		
Shell Pink	Azure Blue			
Dark Pink	Purple			
Any of the Above, ¼ oz.,	35c.		.15	1.25

THE KING

Rose	Pink	Violet	White	Crimson
Any of the Above, ¼ oz.,	35c.		.15	1.25

THE ROYAL

White	Shell Pink	Rose Pink		
Lavender	Purple			
Any of the Above,			.15	1.40

SWEET PEAS

UNWIN AND GRANDIFLORA TYPES

	Oz.	¼ lb.	Lb.
Black Knight. Dark maroon.	\$0.10	\$0.20	\$0.70
Blanche Ferry. Pink and white.	.10	.20	.60
Captain of the Blues. Purplish mauve.	.15	.25	.90
Dainty. White, with pink edge, unique	.10	.20	.60
Dorothy Eckford. One of the best whites	.10	.20	.60
Frank Dolby. Largest and finest pale blue	.15	.40	1.25
Flora Norton. A very bright blue.	.10	.25	.80
Gladys Unwin. Pale rosy pink.	.10	.30	1.00
Helen Pierce. Blue, with dark grain markings.	.10	.25	.80
Henry Eckford. Of extraordinary orange color.	.10	.30	1.00
Hon. Mrs. E. Kenyon. Yellow.	.10	.20	.70
King Edward VII. Bright red.	.10	.20	.60
Lady Grisell Hamilton. Lavender.	.10	.25	.70
Lovely. Soft shell pink.	.10	.25	.75
Mrs. Geo. Higginson, Jr. Delicate light blue.	.10	.25	.80
Miss Willmott. Richest orange pink, shaded rose.	.10	.25	.70
Navy Blue. Deep violet blue.	.10	.25	.70
Nora Unwin. Giant white.	.10	.25	.90
Othello. Dark brown chocolate, red color	.10	.25	.70
Prima Donna. Soft pink.	.10	.25	.70
Queen Alexandra. Giant size, scarlet.	.10	.25	.70
Saint George. Brilliant orange salmon.	.15	.40	1.40
Salopian. One of the best of the dark bright reds.	.10	.20	.60

SWEET PEAS IN MIXTURE

VAUGHAN'S PRIZE MIXTURE. This mixture contains the cream of the new and standard sorts, including some of the new Spencer varieties. .10 .25 .80

VAUGHAN'S PRIZE MIXTURE

This is made up from the most distinct colors of the Grandiflora, Unwin and Spencer varieties according to a carefully prepared formula; are put up in attractive colored lithographed bags which are ready sellers over the counter. Packets (retail 10c), doz., \$0.75; per 100.....\$5.00 Ounces (retail 15c), doz., \$1.00; per 100.....7.50 25 of a kind at the 100 rate.

	Oz.	¼ lb.	1 lb.
White. Flowers very large and of magnificent Spencer waved form.	\$0.15	\$0.50	\$1.80
Mrs. Guthbertson. Standard rose pink, wings nearly white; improvement on Blanche Ferry.	.20	.65	2.40
Rosabelle. A large rose-colored flower, giant size and a strong grower.	.30	1.00	4.00
Vaughan's Special Mixture Spencer Varieties.	.15	.50	1.80
King Edward VII. The best pure red Spencer.	.15	.50	1.80
Marie Corelli. A bright glowing crimson, almost a self color.	.20	.65	2.40

SWEET PEAS-SPENCER VARIETY.

SPENCER SWEET PEAS

	Oz.	¼ lb.	1 lb.
Asta Ohn. A soft pinkish lavender self.	\$0.15	\$0.50	\$2.00
Blanche Ferry. Rose standard, and wings white suffused and tinted with light pink.	.20	.65	2.50
Captain of the Blues. Pure purple, the margin of the petals is marbled.	.20	.65	2.50
Clara Curtis. A beautifully waved cream of good substance.	.15	.50	1.80
Countess Spencer. The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self colored.	.15	.50	2.00
Dainty. White ground, with beautiful picotee edge of rose pink.	.20	.65	2.50
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff.	.15	.60	2.20
Flora Norton. Light blue.	.20	.65	2.40
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft bluish pink.	.15	.50	1.80
Florence Nightingale. A very large, finely waved bluish lavender.	.15	.60	2.25
Helen Lewis. Blooms large orange salmon with pink, especially bright orange standard.	.15	.50	1.90
Hercules. A pale rosy pink flower of giant size; this is really a giant type of the Countess Spencer.	.30	1.00	4.00
King White. Produces gigantic flowers, absolutely pure white.	.30	1.00	4.00

For Complete List of Flower Seeds see our "Spring Book for Florists."

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31-33 W. Randolph Street,
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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

REPORTS from the great tomato growing territory near Wilmington, Del., indicate that this district will make a poor showing on acreage this year due to lack of labor, the truck farming industry not being able to meet the scale of wages offered by the powder mills.

Tomato Fruit, Not Vegetable.

New York.—A tomato is a fruit, not a vegetable, because "anything that can be eaten raw is a fruit," according to Judge Herbert. He dodged the question of classifying onions.

Prices of Indoor Fruits and Vegetables.

Chicago, March 7. — Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 22½ to 25 cents, radishes, 35 cents to 50 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$2.25 to \$2.75; cucumbers, per doz., 75 cents to \$1.00.

New York, March 7.—Celery per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per drum; mushrooms, \$1.25 to \$1.60 per 4 pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per dozen, 15 cents to 60 cents. Rhubarb, per dozen bunches, 25 cents to \$1.00.

Ground Feldspar Not Good Fertilizer.

Wide publicity has recently been given to a statement advocating the use of ground feldspar as a substitute for potash salts, and referring to United States department of agriculture Bulletin No. 104, entitled "The Use of Feldspathic Rocks as Fertilizer," published in 1907, as authority for the proposed practice. The results reached, however, were inconclusive and investigations made since the publication of this bulletin have failed to show that ground feldspar is of any general value for fertilizer purposes. The potash content in feldspathic rocks is in a highly insoluble form and to be made available for fertilizer purposes must undergo chemical treatment at high temperatures. In general, it may be said that most soils contain a considerable amount of potash in this insoluble form derived from the disintegration of silicate rocks, of which feldspar is one. The application of ground feldspar, therefore, in most instances means merely the addition of an ingredient already present in the soil in considerable quantity.

The department of agriculture has recently received many requests for copies of Bulletin 104 and many inquiries with reference to the use of feldspar as a fertilizer. The farmers of the country should be warned that the department does not recommend such a practice, and that the expenditure of money for ground feldspar as a substitute for potash for fertilizer purposes will probably not result in any commensurate increase in crop yields.

Milwaukee, Wis.

BUSINESS FAIR AND PRICES NORMAL.

To make a report on market conditions of the past week could amount to about the same as the one published in our last issue—nothing exciting or new in any way. Business not any too brisk with normal prices prevailing.

CLUB MEETING.

The florists' club meeting held March 2 was by far one of the best for some time; the attendance was fine and work conducted in a business-like manner. F. Cranefield, of Madison, secretary of the Wisconsin State Horticultural Society, who was present, gave a brief history of that body, also explaining in detail what the society had done and what their intentions are, providing they meet with more support, especially from the florists in general. He made a strong plea, suggesting that the Milwaukee Florists' Club affiliate with that body, stating that as one unit, support from the state legislature would undoubtedly be more substantial for all concerned. After a short discussion, in which several of our members participated, those present voted that the club as a body make application for membership. As the florists' club will pay the dues, each member in good standing will become a member of the Wisconsin State Horticultural Society.

NOTES.

Up to the time of writing these notes the charity bazar held at the Auditorium, March 2-7, is a grand success. The whole represents a fair composed of booths in pergola style, covered with wild smilax, twigs and branches, ornamented with paper apple blossoms. The overhead decorations consist of huge baskets, some of which have a spread of 32 feet, made of wild smilax and ornamented with lights and colored shades, a huge apple tree in the center of the stage looks natural and adds the finishing touches to the decorations in general. In the basement and other smaller halls, wild smilax, boxwood and pine trees were used to good advantage. Harold Baumgarten was the right man in the right place while on duty at the flower booth. Local growers donated enough cut flowers daily to keep the group of flower girls busy all the time and enough pot plants to keep every body happy. Wm. R. Schroeder and Nic. Zweifel were good imitations as officers of the law at the city hall.

The dancing sociable given by the florists' club, March 1, at the West Side Turn Hall, owing to the good work of the entertainment committee, was a great success both socially and financially. A. F. Kellner was generous enough to donate enough palms to make several groups to give the whole the right appearance. Adam Zender of Chicago, was a visitor who seemed to have a good time.

Gust. Rusch, in talking about the quality of stock coming in at present, claims that most of the bulbous stock is not of the quality that it has been in past seasons. He thinks the bulbs, owing to the war, suffered in transit.

While returning from his garage in the rear of the store, March 1, C. C. Pollworth had the misfortune to slip, and in trying to break the fall, broke the wrist of his right arm.

The official monthly weather report for February shows percentage of sunshine .44. March came in like a lion, but we trust that "all's well that ends well."

C. B. Whitnall, at a meeting of the North Side Civic Club, March 1, delivered a very interesting address on "Tree Planting."

Henry W. Kummer belongs to the "swell set" these days—it's all on the right side of his face, caused by tooth trouble.

Walter Holton was back to work Monday, March 6, for the first time since his recent illness.

E. O.

BROOKLYN, N. Y.—James Dusmanes, florist, with stores at 360 DeKalb avenue and 257 Duffield street, filed a petition in bankruptcy February 23. Liabilities are scheduled as \$2,648.88 and assets \$166.

DETROIT, MICH.—The Bemb Floral Co. in cooperation with the Julius Roehrs Co., Rutherford, N. J., held an exhibition of orchids at its store at 153 Bates street, March 1-2, with talks on these plants by specialists.

GRAND RAPIDS, MICH.—One of the most attractive decorations seen in this city for several years was an automobile transformed into a handsome floral piece by Miss Irene Crabb of the Crabb & Hunter Co. More than 1,000 carnations, in addition to other flowers and accessories, were used.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

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An elementary text book containing 102 pages. 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Belle Washburn

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

THE BEST RED CARNATION

ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

BASSETT & WASHBURN

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178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.

Thorburn's Tuberoses

Dwarf Double Pearl

4½ to 6 inches
\$8.50 per 1000.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40
named leading sorts, at \$10.00 per 100.
Delivery Now.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

CANNAS

Strong 2 and 8 eye divisions freshly divided from clumps same day shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier
Black Prince
Egandale
Eldorado, large flowered,
yellow.
Feuermeier
Garam, \$4.00 per 100.
Hungaria, \$3.00 per 100.

Indiana
Italia
Julius Kock
King Humbert, \$3.00 per 100;
\$25.00 per 1000.
Koros, \$6.00 per 100.
Louisiana, \$4.00 per 100.
Mephisto

Mrs. Geo. A. Strohlein
Mrs. Karl Kelsey
Mrs. Kate Deemer, \$4.00
per 100.
New Chicago
Prince Wied
Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

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J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
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Growers of
Pedigree Tomato Seeds
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The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,
Branches Michigan,
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Bean Growers for the
Wholesale Seed Trade
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Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale
Farm.
Bristol, Pa.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ST. CATHARINES, ONT.—James Reynolds, assistant superintendent of Victoria Lawn cemetery, having been employed there for 18 years, died recently after a short illness.

SHERMAN, TEX.—The John S. Kerr Nursery Co. has been organized here. Excellent business followed the announcement of the opening. A seed department may be added later.

PAWTUCKET, R. I.—George A. Saunders has been re-elected superintendent of parks and William McGregor has been chosen a member of the board of park commissioners for a term of three years.

Trees and Shrubs for Federal Grounds.

Treasury department, Supervising Architect's Office, Washington, D. C., February 17, 1916.

Sealed proposals will be received in this office until 10 a. m., March 14, 1916, and then opened, for planting trees, shrubs, etc., on the grounds of the federal buildings at Bellaire, Bellefontaine, Bowling Green, Cambridge, Defiance, Lancaster, Lorain, Mansfield, Marion, Massillon, Piqua, Portsmouth, Salem, Wooster and Xenia, O.; Belvidere, Chicago Heights, Danville, Duquoin, Edwardsville, Elgin, Evanston, Granite City, Harrisburg, Litchfield, Moline, Pana, Paris, South Chicago, Sycamore and Urbana, Ill.; Bedford, Bloomington, Brazil, Connerville, Crawfordsville, Elwood, Frankfort, Goshen, Jeffersonville, Mishawaka, Peru, and Princeton, Ind.; Alpena, Escanaba, Lansing, Mt. Clemens, Petoskey, and Traverse City, Mich., and Appleton, Chippewa Falls, Marinette, Menomonie, Stevens Point, Watertown, and Waukesha, Wis., in accordance with the specifications, copies of which as well as copies of approach plans of the several buildings may be had upon application to the respective custodians of the buildings, or at this office. Jas. A. Wetmore, Acting Supervising Architect, Washington, D. C.

Controlling Caterpillars On Catalpa Trees.

While our native species of catalpa are comparatively free from insect attack, owners of these trees should watch in the summer and even early fall for the appearance on them of large yellow and black caterpillars. If these feed voraciously on the leaves, they are in all likelihood the larvæ of the catalpa sphinx, which commonly are the only ones which feed on catalpa foliage. Unless controlled when present in large numbers, these caterpillars may do considerable injury, sometimes completely stripping the leaves from an entire grove.

When only a few small trees are attacked the caterpillars can be picked off by hand, their large size making their detection easy. In the case of tall trees, or where caterpillars are very abundant and are attacking entire groves, the entomologists recommend spraying with arsenicals, or bet-

ter, with a combination of arsenicals and Bordeaux mixture. The proper arsenical spray would be made with either 1 pound of Paris green or 3 pounds of arsenate of lead to 50 gallons of water. When the combined spray is used the same quantity of arsenical should be mixed with 50 gallons of Bordeaux mixture instead of the water. The danger that free arsenic may burn the foliage is lessened and the Bordeaux mixture may control leaf spot and other similar diseases which affect the catalpa. The spray may be applied with a small outfit for young trees or with a large high-power machine such as is used in spraying high trees along city avenues.

The caterpillar is attacked by a number of parasites and the entomologists advise tree owners to encourage the propagation of these natural enemies of the sphinx. One of these, a minute four-winged, wasplike fly, lays its eggs in the sphinx caterpillar. This is the same fly which attacks tobacco and tomato hornworms. The eggs of these parasites hatch into white, maggot-like larvæ which develop in the body of the caterpillar and then eat through its skin and spin little white cocoons attached to the outside of its body. As these parasites are mostly in evidence in September and October and largely destroy the last generation of caterpillars, it is unwise at these times, especially if the white cocoons are visible, to kill the caterpillars by other means.

Hydrangea Radiata.

A form of *Hydrangea arborescens* (var. *grandiflora*), with large globose heads of sterile flowers, has become immensely popular in this country since its discovery a few years ago in one of the western states, and it can now be seen in many suburban gardens. A much more beautiful American species, however, is *Hydrangea radiata*, which is now in flower in the shrub collection. It is a native of mountain slopes in North and South Carolina, and is a round-topped shrub with large leaves very dark green above and silvery white below, and broad heads of flowers surrounded by a ring of white neutral flowers. It is one of the handsomest of all the hydrangeas which are perfectly hardy in this climate, and although once a popular garden plant, it is now rarely found in collections.—Arnold Arboretum Bulletin.

JAPANESE TEA GARDEN

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Write for list.

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For the Best New and Standard

DAHLIAS

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Peacock Dahlia Farms,

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ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

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Tree, Shrub and Palm Seeds

For the Florist and Nursery Trade

Also Seeds of

CALIFORNIA NATIVE PLANTS.

GEORGE H. HOPKINS

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ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

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Anemones Are Splendid Fall Flowers

for florists use. If you have a small plot of ground to spare plant some of them. They will repay their cost a thousand fold. Strong, field grown roots, \$8.00 per 100. *Japonica alba*, single white; *Japonica rosea*, single pink; *Queen Charlotte*, double pink; *Whirlwind*, double white.

Our March Bulletin

offers a splendid assortment of other desirable Perennial Plants; also Roses, Shrubs, Vines, Ornamental Trees, etc. If you have not received it send for a copy at once.

Note—Use printed stationery. We sell to the trade only.

JACKSON & PERKINS COMPANY, Newark, New York

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36	\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues
SAN FRANCISCO, - CALIF.

Mention the American Florist when writing

Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest
Brightest and Best British Trade
Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

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Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....	\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengeri, 2 inch.....	3.00 per 100; 25.00 per 1000
" 3 inch.....	\$5.00 per 100 (heavy)
Achyranthes Herbsi, dwarf, bright red.....	\$4.00 per 100
Boxwood, full list of sizes now on hand.	
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.	
Dracaena Terminalis, fine stock, well colored. 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 5c each.	
FERNS. Boston, fine stock, 2½ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.	
Fine Teddy, Jr., 2½ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 5 inch pots, \$35.00 per 100 (very heavy); 6 inch pots, \$60.00 per 100 (very heavy).	
Azalea Mollis, mixed colors, 15 to 18 inches high.....	at 35c
Heliotrope, 2½ inch, purple in variety.....	\$3.00 per 100
English Ivy, strong, 4 inch.....	\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

BEGONIAS--Strong 2½-inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.....	\$15.00	\$120.00
Lorraine, 2½-in.....	12.00	100.00
Chatelaine, 2½-in.....	5.00	40.00
" 3-in.....	8.00	75.00
Vernon, 2½ and 3-in.....	4.00	

Primroses.	Per 100.
Obconica in bloom, 3-in.....	\$ 6.00
" " 4-in.....	9.00
" " 5-in.....	15.00
Malacoides, 3-in.....	6.00

Geraniums.
Nutt, Pressily, Gen. Gant, strong 2½-in., \$25.00 per 1000. Wilmette, largest and best Pink Geranium, \$50.00 per 1000.

Mesembryanthemums.
Best for Hanging Baskets. Fine Stock.
2½-in.....\$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Coleus—Six best Varieties.
2½-in.....\$25.00 per 1000
Curly Queen, best for baskets.
2½-in.....\$25.00 per 1000

Marguerites.
2½-in.....\$25.00 per 1000

Salvias.
2½-in.....\$25.00 per 1000

NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5-in., 75c; 6-in., \$1.00; 7-in., \$1.50 each.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Char-tard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 8-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Geraniums, Standard var.	\$2.00	\$18.00	\$3.00	\$25.00
Heliotrope, Mme. Bruant				
and Chieftain	2.00	18.00	3.00	25.00
Lantanas, 6 varieties	2.00	18.00	3.00	25.00
Lemon Verbenas	2.00	18.00	3.00	25.00
Moonvines	2.00	18.00	3.00	25.00
Petunias	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argentus, Dus-				
ty Miller	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum and Heliotrope.				
Rooted cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100				
and up Send for list.				
Canna Roots, \$2.00 per 100 and up.				
Cash with order. If you have not received our catalogue, notify us.				

R. Vincent Jr. & Sons Co.
White Marsh, Md.

ASPARAGUS
Plumosus, 2 1/4-in. pots, \$2.00 per 100; \$17.00 per 1000.
Cannas, 1 to 3 eyes, Allemania, Italia, Patry, B. Prince, Burbank, Gray, Flamingo, Berat, Henderson, \$2.00 per 100.
Boston Ferns, from beds, \$15.00 per 100.
Coleus, 10 varieties, April 1 \$2.00 per 100.
Pansy Plants, Giant flowering, \$2.50 per 100.
— CASH —
JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

GERANIUMS

Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.
S. A. Nutt and Buchner.....12.50 per 1000
Poitevine and Ricard.....15.00 per 1000
Buddleia Asiatica.....\$2.50 per 100
Buddleia Magnifica.....3.50 per 100
(Rooted cuttings, parcel post.)

Pot plants of either, by express, \$5.00 per 100.
Asparagus Plumosus, good value, \$25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.
Mention the American Florist when writing

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

CARNATIONS=ROOTED CUTTINGS

Clean and Well Rooted

New Reds—1916

	Per 100	Per 1000
Nebraska.....	\$12.00	\$100.00
Belle Washburn.....	12.00	100.00
Aviator.....	12.00	100.00

Last Year's Novelties

	Per 100	Per 1000
Pink Sensation.....	\$ 6.00	\$ 50.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Akehurst.....	6.00	50.00

Standard Kinds

	Per 100	Per 1000
Beacon.....	\$ 3.00	\$ 25.00
Enchantress Supreme	3.00	25.00
Matchless.....	3.00	25.00
Philadelphia.....	3.00	25.00
White Wonder.....	3.00	25.00
Ward.....	3.00	25.00
Rosette.....	3.00	25.00
Herald.....	3.00	25.00
Benora.....	3.00	25.00
White Enchantress....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00

3 Fine Specials--READY NOW--Strong plants in 2 1/4 inch pots.

Heliotrope Centefleur—The best dark, \$4.00 per 100.

Begonia Chatelaine—Good for pots and bedding, \$5.00 per 100.

Petunias—Finest double sorts, propagated from cuttings; Pink, White, Purple and Variegated, \$6.00 per 100.

VAUGHAN'S SEED STORE
Chicago Nurseries and Greenhouses at Western Springs, Ill. New York

COTTAGE MAID

A Sport of Mrs. C. W. Ward.
Will be disseminated 1916-17.

Rooted cuttings of Mrs. C. W. Ward and Matchless,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Read This Unsolicited Testimonial.

MR. PETER, FISHER, Ellis, Mass.

Dear Sir:—

LIMA, OHIO, Jan. 19th, 1916.

We thought it might be interesting to you to receive a report of your new carnation "Alice" as grown in this territory.

Alice has made a wonderful showing with us. We are growing some twenty different varieties of carnations. To date we have cut more blooms per plant from "Alice" than any of the other varieties. The blooms come almost 100 per cent perfect.

This carnation has proved all that you claimed for it, and we do not hesitate to say, that we believe this variety to be the very best carnation of its color, being offered the Trade today.

You are to be congratulated on "Alice."

Very truly yours

ROLF ZETLITZ.

(Landscape Gardener, Wholesale and Retail Florist,
Woodlawn Ave.)

Strong Rooted Cuttings READY NOW, per 100, \$6.00; per 1000, \$50.00

PETER FISHER, Ellis, Mass.

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition. Have a few hundred from 2 inch pots ready in March, at \$15.00 per 100.

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Enchantress.....	\$3.00	\$25.00
Alice.....	6.00	50.00	Rosette.....	3.00	25.00
Matchless.....	3.50	30.00	Mrs. C. W. Ward.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00
Yellowstone.....	3.00	25.00	Gloriosa.....	3.00	25.00
White Wonder.....	3.00	25.00			

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO.,

Lafayette, Ind.

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand.

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Some Excellent Stock.

Liberal Extras for Early Orders.

Size of pots.	100	1000
2 1/4-in. ABUTILON Savitzii, or 6 varieties assorted	\$2.25	\$20.00
2 1/4-in. AGERATUMS. White, light and dark blue	2.25	20.00
2 -in. CUPHEAS. Cigar plants	2.25	20.00
3 -in. CYCLAMENS. 8 varieties	6.50	60.00
4 -in. CYCLAMENS. 8 varieties	17.50	
Fine plants		
2 1/4-in. BEGONIAS. 8 flowering varieties	5.00	45.00
3 1/4-in. CINERARIAS. Choice mixed	6.50	60.00
5 -in. DRACENA Indivisa	20.00	
6 -in. DRACENA Indivisa	25.00	
2 1/4-in. FUCHSIAS. Double and single, 12 varieties	2.75	25.00
2 1/4-in. HELOTROPE. 3 varieties	2.75	25.00
2 1/4-in. MARGUERITES. White and yellow	2.50	22.50
Mrs. Sanders	2.50	22.50
4 in. PRIMULA obconicas. In bud and bloom	6.25	60.00
2 -in. DOUBLE PETUNIAS. 15 varieties	3.00	25.00
2 1/4-in. SALVIAS. Bonfire	3.00	25.00
FUNKIA variegata. Roots	5.00	45.00
CANNA BULBS. King Humbert	3.00	25.00
CANNA. Yellow. King Humbert. 3-inch, each. 35c. per doz.	3.50	
CANNA BULBS. About 20 varieties	2.00	17.50
50,000 2 and 2 1/4-in. GERANIUMS. Nutt, Ricard, Poitevine, Montmort, Perkins, Buchner. About 20 varieties	2.25	20.00
2 1/4-in. IVY GERANIUMS. 8 varieties	3.00	28.00

Correspondence solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	8.00	75.00
Rex Begonias, 3 in. doz.	\$1.00	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower,
Allegany, N. Y.

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
Rose-Pink Enchantress	2.00	18.00
White Enchantress	2.00	18.00
White Perfection	2.00	18.00
Mrs. Ward	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Beacon	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Milady	4.00	35.00
Ophelia	5.00	45.00

Bench Plants

	100	1000
American Beauty	\$6.00	\$50.00
My Maryland	5.00	40.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

THE NEW ROSE

MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES.....	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready now.

Waban Rose Conservatories, Natick, Mass.

MISS THEO

THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000.

Littlefield & Wyman
NORTH ABINGTON, MASS.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.
Mention the American Florist when writing

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.
Mention the American Florist when writing

Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

LAWRENCE, KAN.—C. M. Luther has sold his range to A. Van Horebeek, formerly of Louvain, Belgium.

HOBOKEN, N. J.—O. V. Zangen, formerly of this place, is reported located now at Orlando, Fla.

STOUGHTON, MASS.—Robert Hutcheon has completed a large addition to his range which will be planted to carnations.

PENNSYLVANIA LINES

— TO —

National Flower Show

PHILADELPHIA, PA.,

MARCH 25 - APRIL 2, 1916,

offer superior service, trains at convenient hours, all-steel equipment, dining car service. For sleeping car reservations, tickets or detailed information call at City Ticket Office, 242 South Clark Street, corner Jackson Boulevard, or address **C. L. KIMBALL, Assistant General Passenger Agent, 175 West Jackson Boulevard, Chicago, Illinois.**

Ready Reference Section.

10 CENTS PER LINE, NET.



AGERATUMS

AGERATUM. Splendid blue R. C., 60c per 100; \$5 per 1,000. Prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

ACHYRANTHES.

Achyranthes. Brilliantissima and Lindeni, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ANEMONES.

Anemones. Strong, field-grown roots, \$6 per 100. Jackson & Perkins Company, Newark, New York.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. Extra choice heavy 3-in., \$4.50 per 100; 4-in., \$8. SPRENGERI, 3-in., finest grown, \$4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS—Thumb pot plants, 3 to 5-in. above pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100, sure to please. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

Asters. Dreer's Superb Late Branching. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Asters. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Simon Mardner, Vervaneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervane, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs J. A. Peterson (new), 2½-in. pots	25.00
per 1,000	200.00
JULIUS ROEHRS CO., Rutherford, N. J.	

Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

Begonia luminosa (red); Erfordii (pink), 2-in., bushy stock, \$2.00 per 100; luminosa (red), transplanted seedlings, fine plants, 75c per 100. Cash.

BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonias, Superior tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Begonias, Gloire de Chatelaine, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2½-inch. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC.

Box 404. Dundee, Illinois.

Boxwoods. Bushes, pyramids, standards, etc. For sizes and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Boxwoods. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Asiatica, \$2.50 per 100; Buddleia Magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladiums, fancy-leaved. Immense stock of choicest varieties. For prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut street, Philadelphia, Pa.

Caladium. Fancy leaved. Vaughan's Seed Store, Chicago and New York.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Burbank, Pennsylvania, F. Vaughan, Mrs. Kelsey, Wyoming, Premier, David Harum, Cleveland. Strong 2 eyes roots, \$1.50 per 100, 25 at 100 rate. Cash. W. H. CULP & CO., Wichita, Kansas.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas, dormant roots. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

150,000 choice cuttings for February and March shipments. Order now for immediate or later delivery.

	100	1000
Aviator	\$12.00	\$100.00
Nebraska	12.00	100.00
Pink Sensation	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst	6.00	50.00
Champion	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Benora	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Victory	3.00	25.00

250 of any variety at 1000 rate.

Cuttings taken from strong, healthy plants grown for cuttings only. Samples of blooms, showing quality of stock, sent upon request. We guarantee cuttings to give satisfaction. Write us for special quotation on large quantities.

ROLF ZETLITZ,

LIMA, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.		
Aviator, scarlet.....	100	1,000
Pink Sensation.....	\$12.00	\$100.00
Beacon.....	6.00	50.00
White Wonder.....	3.00	25.00
Matchless.....	3.00	25.00
Gloria.....	3.00	25.00
Princess Dagmar.....	3.00	25.00
Benora.....	3.00	25.00
Rose Pink Enchantress.....	2.50	20.00
Enchantress.....	2.50	20.00
Mrs. C. W. Ward.....	2.50	20.00
Philadelphia.....	2.50	20.00
Peerless Pink.....	2.50	20.00
Northport.....	2.50	20.00
Conquest.....	2.50	20.00
White Enchantress.....	2.50	20.00

25 or more at 100 rate. 250 or more at 1,000 rate.
First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

CARNATION CUTTINGS—A 1 QUALITY. Clean healthy stock taken from selected plants.		
	Per 100	Per 1,000
Mrs. C. W. Ward.....	\$2.50	\$18.00
Light Pink Enchantress.....	2.00	12.00
Afterglow.....	2.00	15.00
Winsor.....	2.00	13.00
Victory.....	2.00	15.00
Bonfire.....	2.00	15.00
Zoe Symonds.....	2.00	14.00

J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS. Taken from the best stock sold in the Chicago market. Ready for immediate delivery:		
Aviator.....	100	1,000
Enchantress.....	\$12.00	\$100.00
White Enchantress.....	2.00	18.00
Victory.....	2.00	15.00
Cerise Winsor.....	5.00	40.00
Enchantress Supreme.....	3.00	25.00
Matchless.....	3.00	25.00
White Wonder.....	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.		
	100	1,000
Enchantress.....	\$2.00	\$18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Rosette.....	2.50	20.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	15.00
Champion.....	3.00	25.00
Carnegie.....	2.00	15.00
Victory.....	2.00	18.00

WIETOR BROS.,
162 N. Wabash Ave., Chicago.

CARNATIONS.
Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS— A 1 STOCK.		
	100	1,000
Enchantress.....	\$2.00	\$17.00
White Enchantress.....	2.00	17.00
White Perfection.....	2.00	17.00
Ward.....	2.00	17.00

A. T. PYFER & CO.,
30 East Randolph Street, Chicago, Ill.

Carnations—Nebraska, Belle Washburn, Aviator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Fine, healthy, rooted carnation cuttings. Best obtainable, order early.		
	100	1,000
Enchantress.....	\$2.50	\$20.00
White Wonder.....	3.00	25.00

SINNER BROS.,
158 North Wabash Avenue, Chicago.

CARNATIONS.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2.00 per 100; \$18 per 1,000. Beacon, Washington, \$2.00 per 100; \$18 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated '1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

ROOTED CARNATION CUTTINGS, Light Pink Enchantress, \$12.00 per 1,000. R. P. BOHLANDER, R. F. D. No. 1, Melrose Park, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. F. Dörner & Sons Co., Lafayette, Ind.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation Alice, \$6 per 100; \$50 per 1,000. Peter Fisher, Ellis, Mass.

CHRYSANTHEMUMS.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poeblmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Lilwood Hall.....	2.00	15.00

YELLOW	Per 100	Per 1,000
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	....
Bonaffon.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	....

PINK	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	....

CRIMSON	Per 100	Per 1,000
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	....

J. D. THOMPSON CARNATION CO.,
Joliet, Illinois.

CHRYSANTHEMUMS.
Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.
Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS. Rooted cuttings, fine stock grown cool and in full light. Mrs. Buckbee, Roman Gold, Dr. Enguehard, Chrysolora, Pink Chieftain, Maud Dean, Golden Gold, Chas. Razer, Patty, Smith's Advance, Maj. Bonaffon, Robert Halliday, Unaka, \$2 per 100, \$18 per 1,000, prepaid. New Early Frost, \$5 per 100, prepaid.

JOSEPH BANCROFT & SON, INC.,
Cedar Falls, Iowa.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS, 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000; 3-inch in bloom, \$8 to 10 per 100; 4-inch, \$15 to \$18 per 100; 5-inch, 35c to 50c each. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE, Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsen, Wilmette, Ill.

DRACAENAS.

Dracæna Terminalis, fine stock, well colored. 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

Dracæna hybrida, fancy varieties, assorted, 5-in., 50c each. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, 2½-in., \$4 per 100; \$35 per 1,000; 3-in. pots, \$8 per 100; 4-in. pots, \$15 per 100; 5-in. pots, \$25 per 100; 6-in. pots, \$40 per 100. Teddy, Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000; 3-in. pots, \$10 per 100; 5-in. pots, \$35 per 100; 6-in. pots, \$60 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS, Boston from 2-in. pots, immediate delivery; Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c; 4-in. Boston, 12c; 4-in. Teddy, Jr., 15c; extra heavy. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

FERNS, BOSTON. Fine established, 2½-in., \$4 per 100; 4-in., \$12.50. THE WAGNER PARK NURSERY CO., Sidney, O.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Vernon, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Boston ferns from beds, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Ferns. Joseph Heacock Co., Wyncote, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.**ROOTED GERANIUM CUTTINGS.**

The following "SUPERB BEDDERS": S. A. Nutt, dark red; Dbl. Gen. Grant, bright red; Mme. Buchner, dbl. white. Strong, selected top cuttings, well rooted, \$1.50 per 100; \$12.50 per 1,000. The W. T. BUCKLEY CO., Springfield, Ill.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Viaud and Poitevine, 2½-in., \$2.50 per 100, \$22 per 1,000. 3-in., \$6 per 100, \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

GERANIUMS. Mme. Buchner (double white). R. C. \$1 per 100; \$10 per 1,000. Cash. Prompt shipment. BRILL CELERY GARDENS, Kalamazoo, Mich.

Geraniums, Nutt, Pressly, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt, \$12.50 per 1,000; Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

HEADQUARTERS FOR GLADIOLUS AUGUSTA. The florists' white, in all sizes; 30 other vars.—all Long Island grown. Send for list.

GEO. J. JOERG, New Hyde Park, Long Island, N. Y.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladiolus cheap to close out, about 40,000 named sorts. C. S. TAIT, Brunswick, Ga.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetual moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; case of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

Heliotrope Centefleur, 2½-inch. Vaughan's Seed Store, Chicago and New York.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere Avalanche, E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chaudard, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Hydrangeas, French and Otaksa. For sizes and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.00 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. For varieties and prices, see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, 2½-inch, dbl. sorts. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

PRIMULA OBCONICA. Fine stock, assorted colors, 4-inch pots in full bloom, \$1.50 per dozen, \$12 per 100. Cash. JOSEPH BANCROFT & SON, (Inc.), Cedar Falls, Iowa.

Primroses, obconica, in bloom, 3-in., \$6; 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

Ibota Privet, clean young stock, all sizes up to 4 to 5 ft. Shrubs and vines in large quantities. Herbaceous plants a specialty. Largest stock of evergreens in this country. The Elizabeth Nursery Co., Elizabeth, N. J.

300,000 Cal. Privet, Berh. Thunbergii shrubs and vines, all sizes Amp. Veitchii and clematis paniculata, 2-yr., 8c. King Humbert and Buttercup cannas, 2½c. Get list. Prices right. BENJ. CONNELL, florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti.

	100	1,000
Russell	\$12.00	\$100.00
Rhea Reid	12.00	100.00
Hoosier Beauty	12.00	100.00
Ophelia	12.00	100.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

	7.00	60.00
Sunburst	7.00	60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted	2½-in. Own Rt.
	Per	Per
	1,000	1,000
Russell	\$120.00	none
Killarney	100.00	56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	56.70
Hadley	105.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

DISTINCTIVE ROSES: IT PAYS TO GROW THEM.

CHAMP WEILAND—You need the big money-maker of 1916. Exquisite in color. Remarkable in size, beauty and foliage. Ready in March. Grafted plants, 100 for \$35.00, 250 for \$52.50, 500 for \$150.00, 1,000 for \$300.00.

MRS. CHAS. RUSSELL and MRS. MOORFIELD STOREY—Grafted plants, \$14.00 per 100, \$120.00 per 1,000; own root, \$12.00 per 100, \$100.00 per 1,000.

For prices on standard varieties, write us for special quotations.

WEILAND & RISCH, 154 N. Wabash Ave., Chicago, Ill.

EXTRA FINE YOUNG ROSE STOCK.

	1000
White Killarney, 2½-in.	\$35.00
Pink Killarney, 2½-in.	35.00
For March Delivery.	
Hoosier Beauty, 2½-in.	\$50.00
Sunburst, 3½-in.	100.00
A. Ward, 2½-in.	35.00

F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00
ERNEST ROBER, WILMETTE, ILL.		

ROSES. Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready Feb. 15 and later, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROOTED ROSE CUTTINGS

	100	1000
Ophelia	\$4.50	\$40.00
Sunburst	3.50	30.00
White Killarney	2.50	20.00
Pink Killarney	2.00	15.00
Richmond	2.00	15.00

Satisfaction guaranteed. Ready now.

GEORGE REINBERG, 162 North Wabash Avenue, Chicago

BULGARIA BENCH PLANTS.

3,000 Bulgaria bench plants in lots of 100 or more, \$6.00 per 100; \$50.00 per 1,000. Now ready for shipment. Will cut back to suit purchaser.

BASSETT & WASHBURN, 178 North Wabash Ave., Chicago.

AMERICAN BEAUTY ROSES.

Extra fine bench plants, \$7 per 100.

Victor Bros., 162 N. Wabash Ave., Chicago, Ill.
L. D. Phone Randolph 2081.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Bench Plants. American Beauty, \$6 per 100; \$50 per 1,000. My Maryland, \$5 per 100; \$40 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Rose Champ Welland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Welland & Risch, 154 N. Wabash Ave., Chicago.

Rambler roses. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veltchii, \$1.50 per pound. Dracena indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties—Stocks (the most beautiful in the world), Primulas (10 var.) Cyclamens, Cinerarias, Bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Beebe's Early Prolific Tomato, Pkt., 20c; oz., 75c; ¼ lb., \$2.00. Write for English or German catalogue. German Nurseries and Seed House, Beatrice, Neb.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn, S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips, R. & M. GODINEAU, Angers, France.

SEEDS.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Field seed corn. Ratekin's Seed House, Shenandoah, Iowa.

SHAMROCKS.

SHAMROCKS, 2-in., \$3 per 100; \$25 per 1,000. Frederick C. Hoffman, Pawtucket, R. I.

SPIREAS.

Spireas, Queen Alexandra and Gladstone, \$4, \$5 and \$6 per doz. The George Wittbold Co., 739 Buckingham Place, Chicago, Ill.

SWEET PEAS.

Sweet Peas, Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATED, Oct. rooted, 1½-in. pots, \$1.50 per 100. 4-in. potted plants, 5 to 8 leads, 7c. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

VINCA VARIEGATA, Fine bushy plants, established, 4-in., \$8 per \$100. THE WAGNER PARK NURSERY CO., Sidney, O.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1. postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway. Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohn, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots, Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

MISCELLANEOUS.

Green Cyaccine flower coloring for St. Patrick's day, 50c per package (enough for one qt.); three packages for \$1.25. A. T. Pyfer & Co., 30 E. Randolph St., Chicago, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igce Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Forest seedlings, trees and ornamental shrubs. Complete line of Altheas, Privet, etc. Send for trade list. Forest Nursery & Seed Co., McMinville, Tenn.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Carnation dye for St. Patrick's day. 1 pkt., 25c; 3 pkts., 60c; 12 pkts., \$2; postpaid. Chas. W. McKellar, 26 E. Randolph St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Sterling iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Pruning shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 229 13th Ave., N. E. Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate



After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
842 Grandy Ave., Detroit, Mich.

Newark, N. J.

To celebrate the two hundred and fiftieth year of its settlement, Newark will this year have a grand series of events, beginning in May and continuing until October. The program has not yet been issued, but it will necessarily be a long one, including historical parades, races, athletic games, trade exhibits, etc. We understand that the Broad street merchants, including the florists, will take an active part. A city that is two hundred and fifty years old and that is racing up to the half-million mark in population, should give us a good show, and we have no doubt that it will.

Alexander Forbes, president of J. F. Noll & Co., has been taking an active interest in the proposed seed trade legislation now pending at Trenton. One of the pet hobbies of the alfalfa statesmen of all states seems to be in annoying the seedsmen. Probably they feel that they have to do something to show cause for their existence.

At McDonough's, 376 Belleville avenue, it was stated that business had been good. Being located near a large cemetery, a large part of the business of this firm is along the lines of cemetery work. They have a great stock of bedding plants coming on.

J. H. Harvey, who has been suffering from grippe and its aftermath for the past two months, is now confined to his home with an attack of pleurisy, but it is hoped that he will soon be about.

In various retail stores we have noticed fine carnations from the Irvington range of E. W. Fengar. There is also a great stock of bedding plants at this range.

We found business active at Walfinger's, and it was stated that it had been good throughout the winter.

At Begerow's we found every evidence of activity, both in decorative and counter trade.

Philips Brothers have been quite busy of late filling both home and out-of-town orders.

A. F. F.

Oklahoma City.

We have experienced another week of real cold weather, the temperature going as low as 10 degrees on some nights, and all vegetation is very backward. Florists say that business is very satisfactory; special sales of flowering plants have been a feature of late, and they have met with a generous response from the purchasing public. A great deal of nursery stock is being disposed of by local dealers in spite of the unfavorable conditions for planting. When spring opens there will no doubt be the greatest demand for such stock that has ever been known in this city, for everybody who owns a foot of land seems to be anxious to plant something thereon.

Visitors: Walter E. Harris, representing Wertheimer Bros.; S. Singer, representing L. D. Bloch & Co., both of New York.

S. S. B.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Landscape Gardening



PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

SPECIAL QUALITY

Greenhouse Glass

Write for prices—stating sizes and quantity required.

C. L. Dickmann Glass Co.

Carloads or less. MUSKOGEE, OKLA.

VAUGHAN'S



Vaughan's Seed Store, Chicago, New York

No. 2. Large single thick glass.

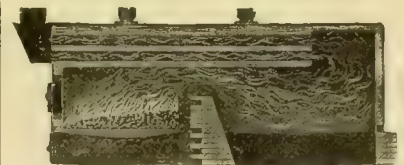
No. 2 1/2. Double thick.

No. 2, price per box of 1000 (weight, 1 lb.) 55c; in lots of 5000, 50c per 1000.

No. 2 1/2 (1 1/2) per 1000 60c, 5000 at 55c.

KROESCHELL BOILER

SEND FOR CATALOGUE



KROESCHELL BROS. CO.

452 W. Erie Street, CHICAGO, ILL.

MASTICA



FOR Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

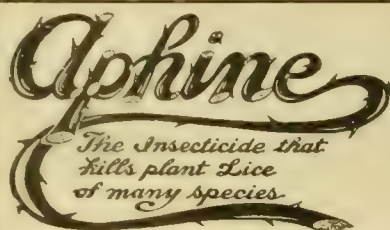
Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Everything for
the Greenhouse
J. C. MONINGER COMPANY,

CHICAGO
902 Blackhawk St.

CINCINNATI
Union Central Life Bldg.

NEW YORK
Marbridge Bldg.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart. \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine, Vermine and Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.

809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

Ft. Wayne, Ind.

Business has been very brisk during the past week, especially in the social line, but the dark weather has shortened the supply considerably and prices in some lines, especially roses, continue stiff. February business was excellent and the sales records for the two first months this year show an increase over the same period in 1915.

NOTES.

W. J. & M. S. Vesey have disseminated a new geranium of a dark magenta color which they have named Mrs. Vesey. A large shipment of the plants has been sent to Houston, Tex., to be planted in the S. A. F. convention garden.

The Flick Floral Co. are cutting a fine grade of calla lilies at present and are also showing a splendid variety of flowering plants. Miss Clara B. Flick is now connected with the Patten Flower Shop of Toledo, O.

There will be no March meeting of the State Florists' Association of Indiana. Plans are being made to make the April meeting at Terre Haute an especially interesting event.

F. J. Knecht & Co. are cutting a better supply of roses this week, especially Russell. Sawyer is also coming along better.

The Doswell Floral Co.'s houses are filled with good carnation stock and the sweet peas are also making a good showing.

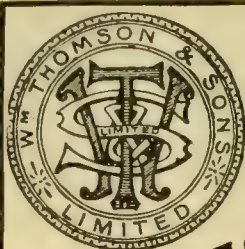
Visitor: S. S. Pennock, of Pennock-Meehan Co., Philadelphia, Pa.

H. K.

NEW ALBANY, IND.—John G. Bettman & Son will build two rose houses each 28x200 feet for roses, having had considerable success with the newer kinds.

LAKE FOREST, ILL.—The North Shore Horticultural Society is planning flower shows for June and November this year, omitting the usual mid-summer show.

HOUSTON, TEX.—Boyle & Pendarvis will establish flower gardens and an up-to-date greenhouse range on Avenue A and grow stock to supply their store on Main street.



FOR SUCCESS IN YOUR GARDEN

USE

THOMSON'S MANURES

Our Vine, Plant & Vegetable Manure, also Special Chrysanthemum Manure, are ever increasing in public favor—they embody the practical

experience of many years in all branches of Horticulture, producing vigorous, healthy & fruitful growth.

Sold by leading American Seedsmen. Freight paid on quantities. Liberal terms to retailers. Write for our special offer to the American trade, etc., to sole makers.

WM. THOMSON & SONS, Ltd., CLOVENFORDS, SCOTLAND.



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

Mention the American Florist when writing

HOT BED SASH

83c BUYS STANDARD HIGH GRADE SASH

We offer at reduced prices standard size hotbed sash, 3 ft. by 6 ft., 1 1/2 in. thick, with four rows of glass. Manufactured by best workmen of clear soft Pine and Fir. Prices smashed because of our new manufacturing plant.

Open Hotbed Sash (No Glass) each
Lot 10 J6919—In lots of 100 or more...83c
Lot 10 J6917—In dozen lots.....89c

Glazed Hotbed Sash each
Lot 10 J6919X—In lots of 100 or more \$1.59
Lot 10 J6917X—In lots of one dozen. 1.76

Quick shipments from our Chicago warehouse.

Also equally big savings in greenhouse inside sash bars, and end sash bars, glass, pipe, fittings, boilers, etc.

Also Pecky Cypress for Hotbeds, \$17.00 per 1000, f. o. b. Chicago, and other great bargains for the greenhouse man in our new Price Smashing Circular No. J. G. 47. Send for it Now.

HARRIS BROTHERS CO.
35th and Iron Streets, CHICAGO.

Free

This Fine

BUDDING KNIFE



For 2 New Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO



Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
32 UNION STOCK YARDS, CHICAGO

Mention the American Florist when writing

NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.

CLEVELAND NEWYORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS

WRITE FOR PRICES



NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

Established 1765

Incorporated 1904

HEWS STRONG RED POROUS POTS

POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass. New York, N. Y.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. M. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS
DETROIT FLOWER POT M'YHARRY BALSLEY, Detroit, Mich.
Rep. 490 Howard St.

Mention the American Florist when writing

RED POTS

STANDARD AZALEAS
PANSHARLEY POTTERY CO.,
NASHVILLE, TENN.

Mention the American Florist when writing

Tile Greenhouse Benches NEVER ROT.

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood.

Write today for circular, showing our new "ALLTILE" Bench.

CAMP CONDUIT CO., Cleveland, O.

GEO. KELLER & SON,
Manufacturers of

Red Pots

Before buying write for prices.

2614-2622 Herndon St.,
CHICAGO

Mention the American Florist when writing



Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

The Peters & Reed Pottery Co.

So. Zanesville, Ohio

WM. M. WARRIN
16 W 23rd St., NEW YORK

"MOSS AZTEC" WARE

I. G. KIMBLE
6 E. Lake St., CHICAGO

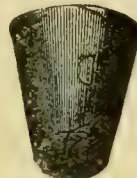
DREER'S "Riverton Special" Cedar Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.45	\$16.00	\$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
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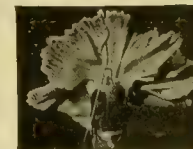
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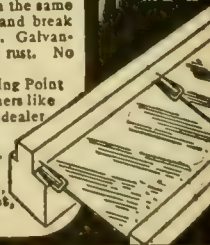
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Vol. XLVI.

CHICAGO AND NEW YORK, MARCH 18, 1916.

No. 1450

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at New York, September 24-26, 1915. Officers:
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Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHORN,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary

SUGGESTIONS FOR PLANT GROWERS.

Cyclamens.

The plants of cyclamen grown from
seed sown last fall will now be nice,
stocky little plants if properly grown
and should be large enough to trans-
plant to 2½ or 3-inch pots. The soil
should be live fibrous loam with about
one-third leaf mold, and in mixing a
liberal sprinkling of sand should be
included. In potting, the small bulb
should be so placed that the soil just
covers it; many leave the bulb out of
the soil, but best results are obtained
with the young stock to leave the bulb
in the soil. Later after the bulb has
grown large and mature, this is not so
necessary. The plants should be placed
in a cool house and if possible near
the glass and where they can have all
the ventilation possible. Just as soon
as safe they should be removed to
frames outside and plunged in the soil
even with the rim of the pot. The
cyclamen will not tolerate poor drain-
age and if anything happens to block
the drainage the plant quickly sick-
ens. This sometimes happens where
the pots are sunk in the soil and is
often caused by angle worms. Where
these are seen or the appearance of
lumps on the top of the soil denotes
their presence, they should be removed
at once. In the final potting, be sure
and place plenty of crocks in the bot-
tom of the pot.

Salvias.

There are few more popular plants
for bedding purposes than the salvia
and when properly grown they are a
great ornament to a garden either as
beds by themselves or as an edging for
cannas or other tall plants, the dwarf
varieties being especially adapted for
this purpose. To make a showing in
mid-summer the plants should be
started early either by cuttings or
seeds so that the plants at this time
should be large enough for a 3-inch
pot and should have been pinched back
at least once and beginning to branch.
These can be potted into 4-inch pots
in April and will be showing bud by
the time for planting them outside in
June. Such plants of course cannot
be sold as cheaply as the late-sown

seedlings that are grown closely to-
gether, and allowed to run up to a sin-
gle stem, but it will not take so many
of the former plants to fill the same
space and the bed will be in flower
through the summer and fall while
with the latter too often there is no
bloom until just before frost, and when
the first frosts are early the plants are
not in bloom but a few weeks. The
early plants are much more satisfac-
tory to the customer and will cost but
little more owing to the larger space
which they will cover during the sea-
son.

Bedding Plants.

The plants for bedding out in the
spring will take not only much of the
plantsman's time, but will keep de-
manding more room, for the growth
from now on will be rapid and unless
constantly watched and cared for the
plants will quickly get crowded and
much of the stock injured. The final
shift of the geraniums in the northern
section of the country may be delayed
until the first of April, but the plants
should not be allowed to get badly
potbound, and they should be given
plenty of growing room. The propa-
gating bed should be full of cuttings
of the more rapid growing plants and
the seedlings will have to be potted as
soon as of proper size. The cannas
and other bulbs that have been started
should be potted and given good loca-
tion for growing on. Now is the time
to take account of stock and see of
what kinds there is going to be a
shortage and of what there will proba-
bly be an over supply and obtain the
first and dispose of the second. This
is the time to buy, for the stocks are
large and shipments can be guaranteed,
and the prices are low compared to
what they will be a month hence. The
amount of stock that annually goes to
waste is large and a little foresight
will prevent much of it. Every sum-
mer some growers throw away thou-
sands of plants that have cost much
in labor and should have made re-
turns. Auction sales in some sections
are the means of disposing of much
of this stock, but this is generally at
low prices. This stock can most all
of it be disposed of by a little judi-

cious advertising and letting the other fellows know where it can be obtained. An attendant at any plant sale in early spring will find many growers looking for all kinds of stock. It is often quite difficult to know just how much of each kind of bedding stock is wanted, but as soon as an over supply is noted let the other growers know where they can obtain it, and place a price on it that will guarantee a sale. It is much better to move it at some price than to throw it away. The wide-awake, up-to-date growers clean up their stock every year.

Geraniums.

At the approach of spring the geraniums and other bedding stock will make rapid growth and from those which are large enough a top cutting may be taken now. While these cuttings will not make good-sized plants for bedding out, yet they can be grown on for stock plants for another year. It is time now to take account of the stock on hand and look over the amount that has been required in the past, and if it is found that there will be a probable shortage of any varieties procure them at once. They can be obtained at this time, either small plants or rooted cuttings, at low prices. Many growers lose every year by putting off their buying too late when the prices have advanced to such a figure that there is no profit in handling them. It is seldom that one who has much bedding to do, has geraniums enough, especially of S. A. Nutt or Alphonse Ricard, and this is the time to procure the stock, and if a grower has any room to spare it is good business to stock up with these varieties, for there is a guaranteed sale for all well grown plants in May. The plants that are now in 3-inch pots will require going over often and spacing out, that well-grown stocky plants may be had. If crowded now, tall, weak, spindly plants are too often the result, and when grown in this way are not fit to make a good showing in the bed when planted.

Sweet Peas.

A sowing of sweet peas made in pots late in March which can be transplanted outside as soon as all danger from late frosts is passed, will give a crop of these flowers two or three weeks earlier than the seed sown in the ground. There is generally a time in late June and early July that the sweet peas in the greenhouse come very poor, owing to the excessive heat under glass and the infection of red spider, and the early sowings outside are not yet in flower. Five or six seeds sown in a 3-inch pot and these placed on the sill or window ledge or on a hanging shelf will make nice stock for planting out after the middle of April and the advantage of those started in the greenhouse over the ones sown in the cold ground will be quickly seen upon trial. They can be grown so that they will take but little valuable room under glass and the extra expense of this and the labor in transplanting them will be more than recompensed by having fine flowers at a time when most of the stock is in poor condition.

The plants that are growing inside will require considerable attention as the sun increases in power; the growth is very rapid and the vines must be kept erect or crooked flower stems will be the result. They should be gone over every day, and where the growing shoots are getting away from the supports they should be fastened to them.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Rose Floats.

The rose float, or shallow bowl, that has become so popular, is very good stock for any retail store that is at all aggressive and endeavoring to keep within hailing distance of the leaders. The first, or among the earliest of these flower receptacles, were those imported from Japan. The Japanese believe in displaying flowers singly, or separated, so that every particle of the foliage as well as the blossom is seen, so as to get the best and most artistic effect. The supports which hold the stems in place are of metal of many designs, such as frogs, dragons, fish, turtles and other like animals that live in water. They now have a large line of these floats in all sizes and colors, some of them very unique in coloring. The latest is a miniature bowl, three inches in diameter, with a tiny fish for a holder, in which only small flowers with slen-

der stems can be used. It appears to catch the public fancy, being especially attractive on account of its diminutive size, especially when filled with the little polyantha pink and yellow roses. These bowls can be had in shades of green, yellow, white and blue, with fish to match.

American pottery manufacturers are now making a large line of shallow flower bowls in great variety of form and colors. They are glazed, flat finish, and iridescent, from purest white to jet black; in some of the latter it is almost impossible to see the water. Clear glass bowls are also seen, made to meet this demand for flower display; they are elegant in their crystal clearness, and can be used in many places when those of solid colors, useful as they are, striking in their color effects, would spoil the harmony.

Small china and glass birds in various colorings which can be "perched" on the edges of the bowls, are a great addition, as are also the butterflies made of glass or metal, which conform so in shape and color to the natural that they almost seem



CLEAR GLASS ROSE FLOAT.

With Birds and Butterflies.

alive. A little piece of potters' clay attached to the underside of the body, enables them to be stuck on wherever desired. They can be instantly removed or changed to any angle and will hold the position as long as desired, the plastic material never seeming to lose its efficiency. Another very life-like bird of hollow glass, colored, with a few grains of small shot in its long tail feathers can be placed on a twig, or branch, where it balances perfectly and makes a conspicuous feature in these arrangements.

There is great latitude in the filling of these floats—they get the name from the rose or other flower that is floated on the surface of the water. Three or four roses in the holder, and one or two of the same sort, broken off short and floated on the water, are an added and noticeable feature.

Some of the receptacles as now offered are a combination of birds and holders, they being made in one piece, generally with two birds and holes for the flower stems in the foundation on which they stand. Flowers with reasonably thick stems can be used, such as Easter, calla and Japanese lilies, in the English glass block and other holders with large apertures. These in large bowls are very effective in table decorations. The accompanying illustrations show a number of different styles and types of these newer receptacles, together with the holders; also, birds and butterflies, which make such attractive additions.

Holding the Trade.

When new customers come into the store and desire to open an account, a distinct step forward has been taken, a business gain, which, providing the rating is good, may prove of great advantage. Satisfied customers are splendid advertisers, as they invariably speak in good terms of the house that treats them well. While as a matter of policy all customers should receive the best service, yet new trade may require a little extra attention to get their confidence and good will. How best to make and retain this kindly feeling for the firm is worth the best thought and efforts that can be given to the subject.

New customers are to be encouraged always; an occasional purchaser, if known to be responsible, is urged to open an account, as when the name is once on the books, they are apt to prefer dealing where they have credit or are known. Ordering over the telephone has become so general that customers, induced to open an account, have no hesitancy in giving their commissions in this way when they do not find it convenient to visit the store. All patrons should be asked to leave a few of their personal cards on file ready to be used with phone orders.

Every name in the list of customers should receive literature or circulars several times a year. Quite a number are but occasional buyers, requiring flowers only on such occasions as funerals or on holidays, but their orders count and every attention should be given them to encourage their continuance. When there is a marked falling off in the purchases of any particular customer, there should, as soon as this condition appears, be a diplomatic effort made to find out if there has been anything wrong with



CLEAR GLASS ROSE FLOAT.

With Daffodils, Pussy Willows, Bird and Butterfly Ornaments from the Stock of
H. Bayersdorfer & Co., Philadelphia, Pa.

the stock or service in recent purchases; if so, it should be rectified at once. Never hold out against a complaint; the customer is "right," no matter how unreasonable the demand may be—take the loss and start over. There may be a few exceptions, but in the long run it is much better to lose the plants or flowers than the customer. Many a business has profited largely through the efforts of satisfied customers, for as a rule they will always speak well of tradesmen who have pleased them. Those recommended will refer others, and in this way the work goes on.

When an important patron has for some good or even fancied cause become disgruntled, there is nothing so healing as a box of flowers accompanying the apology. When flowers are plentiful, a box to a number of select customers is sure to bring the house pleasantly to mind. When demands for decorations to a charity bazaar or like request is made, the response should be cheerfully complied with, as it is "casting bread

upon the waters" and is returned in renewed patronage.

K.

Canadian Women to Replace Enlisted Men.

Believing that there may be need of Canadian women in floricultural work, taking the places of men who have been called to the colors, the Women's Emergency Corps of Ontario has received encouraging replies to offer of services. The Dale estate, of Brampton, have had more than 50 men enlist from their establishment, and eight or nine young women have already been engaged as helpers. The work in some departments is too heavy for women, but in others they show an aptness and deftness that makes them better than men. While the Dale estate experiences no difficulty in being able to secure all the local help required two carefully selected women are to be sent to Brampton by the corps. After becoming proficient in the work they will be sent elsewhere when needed.

Fertilizers For Roses.

Report of Professor F. W. Muncie, University of Illinois, Urbana, to the Illinois State Florists' Association at its eleventh annual meeting, Moline, March 7, 1916.

I am giving as a report to the association this year, a summary of our bulletin on "Commercial Fertilizers for Roses," which is now in the hands of our editor and will soon reach your hands.

Type of fertilizer needed.—The soil in the vicinity of the Illinois experiment station is a brown silt loam. On such a soil, applications of phosphatic fertilizer yield greatest increases in crops. Nitrogenous fertilizer is also needed, but applications of potassium sulfate not only give no increased crop but decrease the yield.

Time to feed.—The periods of heavy feeding should be during the periods of most rapid growth, viz., in fall and spring when sunshine is abundant enough not to limit growth. Fertilization is particularly needed in spring when the soil mixture is to the greatest extent depleted of its readily available content of plant food. While keeping this in mind, attention should also be paid to the periods of heavier production by the plants, when more fertilizer is needed. Phosphate gives an increase in production continuous throughout the year.

Specific kinds of fertilizer.—Acid phosphate, used in these experiments, was found a satisfactory form of phosphatic fertilizer. No comparison was made, however, between it and bone meal, basic slag and other phosphate-containing fertilizing materials. Dried blood and ammonium sulfate may each be used as nitrogenous fertilizers. The care necessary to prevent overfeeding with ammonium sulfate is so great, however, that its use is hardly to be recommended. The same precaution is necessary, but to a somewhat less degree, with sodium nitrate.

Nitrogen in manure or commercial fertilizer.—Applications of dried blood at the rate of five pounds per 100 square feet of bench space are safe, if put on only during periods of bright sunshine and of heavy production by the plants, and if not made oftener than four to six weeks apart. The amount of nitrogen in such an application corresponds to that contained in 270 pounds of manure of the average nitrogen content (50 per cent moisture); it is somewhat more readily available than part of that in good

manure. These comparative figures give a basis for the use of either material, however, and show that the need for nitrogenous fertilizer may be supplied as manure quite as well as by the use of a commercial fertilizer. The symptom of nitrogen starvation (lightening of the color of the foliage) is so evident to every rose grower that there is no difficulty in determining when applications of a nitrogen-containing fertilizer should be made.

Phosphorus in manure and in acid phosphate.—Plants do not show such

the need for phosphate in form of a commercial fertilizer is evident. Acid phosphate, the only form of phosphatic fertilizer used in the experiment, is, as stated, satisfactory. Since the benefit of its use is continuous throughout the year, it should be mixed with the soil before the benches are filled. Top-dressings with it are not so satisfactory, since surface root growth is stimulated in this way, resulting in the roots having contact with the soil particles only in an upper layer of the soil in the bench. There is no danger from overfeeding with acid phosphate, for four times the quantity here recommended has been applied without injury. In this respect acid phosphate possesses an advantage over bone, which cannot be mixed with soil or applied as top-dressings in excessive amounts without injuring the plants. The same is true to a greater extent with high phosphate tankage, and blood and bone.

Use of lime.—With such a need for phosphorus by rose plants, the use of lime or limestone with acid phosphate is to be discouraged, since the solubility of the phosphate would be decreased by its use. The decrease in production from sections in which limestone was used in the soil mixture, compared with that from sections receiving no lime, is fully proven by the data. The mixing of lime or limestone with the soil, though quite a common practice among growers, cannot be recommended. In case an application of lime is needed to prevent the growth of algae and molds on the soil surface, finely ground limestone applied as a top-dressing at the rate of 10 pounds per 100 square feet of bench space and very lightly cultivated into the surface will accomplish this without being carried down into the soil further than an inch below the surface, during the year.

Benefit of fertilizing.—The benefit from fertilizing is found to be in number of flowers produced and to a slight extent in the average stem length; no measurable change in length of petal follows fertilization with acid phosphate.

Comparison of soils of the state.—The soil used in the experiment described in the preceding pages was of the type known as the brown silt loam. A description of the various soil types of the state of Illinois, with their fertility, is given in Bulletin 123, Ill. Agr. Exp. Sta., which should be



C. E. Critchell.

Who Succeeds the Late Max Rudolph as President of the Cincinnati Florists' Society.

marked signs of the need for phosphorus, and experiment alone can determine its need. Applications of acid phosphate up to 20 pounds per 100 square feet of bench space (40 pounds per 100 cubic feet of soil), were found to give marked increases in production. The quantity of phosphorus contained in this application is equal to that contained in an application of 2,800 pounds of manure of average composition (50 per cent moisture), to 100 square feet of bench space, or twice this amount mixed with 100 cubic feet of soil. Since manifestly it is impossible to use such a mixture,



J. S. WILSON, DES MOINES, IA., SAYS THIS LOCAL BILLBOARD ADVERTISING PAYS.

studied by every florist in connection with these experiments. The significant facts of the table (page 196) giving the fertility of the different types are: Firstly, that the nitrogen content varies from 1440 to 8900 pounds per acre (6 $\frac{2}{3}$ inches deep) and, secondly, that practically every type of soil has a low phosphorus content. Peat soils alone show a low

(c) or mixed with the soil at the same rate, just previous to filling the benches.

(3) Do not mix lime or limestone with the soil. If needed for sweetening the soil and preventing the growth of algae, make a top-dressing of finely ground limestone at the rate of 10 pounds per 100 square feet of bench space.



H. R. FISHER'S, MARYSVILLE, KAS.

Started Here Five Years Ago Without Money and Now Has Paid for Everything.

potassium content. The need for nitrogen may be judged from the appearance of the plants, and the loss made good by the addition of manure or dried blood. An even better method is to obtain, at the beginning of the season, a soil of higher nitrogen content, by selection of sod soil, heavy manuring, or turning under of green manure. These experiments have shown a need for addition of a phosphatic fertilizer, and with a low phosphorus content, a property common to practically all Illinois soils, the recommendations are applicable to any of these soils. Since acid phosphate produces no injury when applied in very large quantities, there is no reason to fear making an excessive application of it.

Few soils need applications of potassium.—On peat and sandy soils alone is there danger of a lack of potassium, and considerations of watering and proper soil texture prevent the use of these soils in the growing of roses.

Recommendations.—On the basis of these conclusions the following recommendations are made:

(1) Keep up the nitrogen content of the soil by turning under green or farm manure before use. If roses show signs of nitrogen starvation (a lightening of color of the foliage), make up the need with applications of liquid manure, mulches of manure, or top-dressings of dried blood, the last in applications not exceeding five pounds per 100 square feet of bench space and applied not oftener than four weeks apart. Feed only during sunshiny weather and most generously during periods of heavy production.

(2) Use generous quantities of acid phosphate in the soil. It may be added (a) at the rate of four to eight tons per acre in the field, (b) in a compost with soil at the rate of 40 to 80 pounds per 100 cubic feet of soil,

Joliet Prosperity Day Decorations.

The accompanying illustration shows the decorations arranged by Heaton Nichols, Joliet, Ill., at the Masonic Temple in that city February 29, the occasion being the "Prosperity day" banquet, which was attended by over 600 merchants and their ladies. The tables were decorated with pink carnations, pink sweet peas, Asparagus Sprengerii and miniature lily ponds. Banks of palms and ferns were used throughout the hall, while the fireplaces were tastefully decorated with flowering plants and ferns. The eagle in the background was shot recently in the vicinity of Joliet. The American flag and sunburst in electric lights was a pleasing effect.



PROSPERITY DAY DECORATION ARRANGED BY HEATON NICHOLS, JOLIET, ILL.

Christmas and Easter Plants.

Paper by W. E. Tricker, Vaughan's Greenhouses, Western Springs, Ill., read before the Illinois State Florists' Association, March 7, 1916, continued from page 373 of our issue of March 11.

For Easter, although we have lilies at Christmas, we still have them with us, now. This has been a predominant feature for years. It was first the Arum or calla lily. Later the longiflorum and Harrisii, formosum and giganteum, have arrived and have completely ousted the calla. There is something further interesting in the lily line. *Lilium myriophyllum* or Regal lily that has been introduced from China and has proven so far to be an excellent forcer and bids well to make a worthy acquisition for the Easter trade. Especially as it does not have the dead white entirely, that the other lilies have. It is white, slightly suffused with pink, and a canary yellow at the base. The perfume is not oppressive like the former lily. It is similar to the odor of jessamine. There is also *Lilium Sargentea*. It is a stronger grower than Harrisii and grows from six to eight feet with from five to 10 flowers on the stem. The color is a greenish white with a shading of purple, but pure white within the flower. Many people have had their troubles with lilies, and while the easiest way is the simplest, it is not always the best. There are very few growers that place their bulbs in the flowering pot who allow for the extended root action of the stem. Growers invariably pot them too high in the pot, whereby with the roots, termed the flowering roots, there is no nourishment to excite them or to help the flowers finish in good form. Very often the lily, when forced in this manner, does not get the nutrition necessary, and the tips of the leaves turn brown, the flowers are of immature size, and at once the verdict is that the bulbs were diseased, which is very often unfair to your importer and should not be deliberated on in this manner. The lily bulb should be placed practically at the bottom of a 5-inch or 6-inch pot according to the size of the bulb, just covered with enough soil so that the top of the bulb

will be apparent. After root action and the growth of the stem has begun, about two to three inches above the top of the pot, the pot should be then filled up with a good, heavy, well mixed composition that is conducive to the growing of these plants. By so doing you can secure every particle of root action that it is possible to get, and most naturally have plants thereby better, and naturally, more flowers.

Also at this season a predominant feature is the hydrangea. Great work has been extended along these lines and the old *Hydrangea Otaksa* and Dr. Hogg, the two old-fashioned varieties serving our purpose extensively has resulted in the French varieties. We have Louis Dupuy, of Whitestone, L. I., N. Y., to thank much for his advance along these lines. There are many florists throughout the country who do not realize the value of the better varieties of this type. It is not only possible to have them in for early Easter, but also possible to produce these plants for Christmas flowering. Lily Mouilliere is in all probability the best white variety, and Mme. Maurice Hamar is a very early flowering pink. Radiant, in my mind, is the best pink, but inclined to be a poor grower if not handled in the proper manner. There has been a controversy regarding hydrangeas. So many people do not realize that the bud has to be formed the season before forcing, and if the bud is not there, it is impossible to get a flower the following season. A great amount of this stock has in recent years been imported, but our American growers seem able to produce a better grade of stock, well finished and budded plants, cheaper and delivered at a better time than the imports are. While the French varieties are indeed an acquisition I do not want to disregard *Otaksa*, which has served us well, and from Easter on, is really a plant that has filled many a corner or vase, either in the large size pot or tub.

Rhododendrons of various types, mostly the Himalayan have not been grown much more extensively than they are at the present time. They are not very hard to time, for the different dates of flowering along in spring, but they have a marked tendency to drop their foliage and really take bench room so that the grower cannot be compensated for handling them. The *camellia*, *deutzia* and *kalmia*, while in previous years have been extensively forced for Easter, are waning on account of the room they take, and too little reimbursement a grower receives for risk undergone for producing this stock. Roses are a main feature for Easter and with the advance of the Baby Rambler it appears that the demand increases very materially. The polyantha types can all be imported as late as Christmas and be brought into flower for Easter with very little trouble. The newer varieties of this type are the Mme. Jules Gouchault, Ellen Poulsen, Erna Teschendorff and Mme. Turbat. All these varieties have replaced the *Phyllis* and types that have not proven so satisfactory to the general public. In the various types of climbers, *Hiawatha* and *American Belle* held full sway for a season or so, but the single flowered types of this class do not seem to give the satisfaction that the semi-double varieties do. Tausendschon has

without doubt been the queen of climbing roses. It is probably the best forcer of all climbers for early spring and will stand the heat from forcing much better than the other varieties and not so liable to blind growths. We all know that with the other climbers such as *Excelsa*, *Dorothy Perkins*, etc., growers can have excellent plants, but through starting them up a little too quickly, and a little too hot, they have sacrificed their speed to wood instead of buds.

In speaking about azaleas I omitted *Azalea Mollis*, which at one time was the predominant feature among all growers who forced stock for Easter, but have not been conducive to keeping the general public in favor with them. There is a new type of *Mollis* introduced, I believe by Koster, that I think will tend to reopen the demand for this class, being a very bright golden yellow that seems to be very striking and a very dark cerise that seems to be very much in favor holding their bloom for a long period.

Bougainvillias seem to be less in demand in the east than in former years. The public are tiring somewhat of them, but I find through this section of the country there is a great demand and people are beginning to call for them. *Gardenias* have been extensively grown in some sections for Easter trade, from eight to 10 inch plants. These require such delicate handling and have special care where the temperature can be run to them alone that there are few who experiment in trying them. *Andromeda Japonica* and *floribunda*, while to all intents and purposes hardy shrubs will enhance the variety of the Easter flowering plants considerably if only for the reason that they will last in bloom from eight to 12 weeks in as perfect a condition as when the flowers opened. They are showy and attract a great deal of attention wherever displayed. The *spiraeas*, *asteoides* and *palmata* have been greatly improved on by the varieties of recent introduction; also *Peachblossom*, *Queen Alexandria*, and other types of the *Arendsi* group. The trouble with this sort of stock is, while they do not take material room in starting them into growth and halfway to finish, they require as much as three feet square to finish an individual

plant, and we can safely assert the remuneration is not enough for the production of these varieties of plants that take so much bench room.

There are also various hyacinths, tulips and other bulbs that really are a fore-runner all through the season and are generally a wind up for Easter. Included in the new colored freesias, the noted *Rainbow* hybrids have been exploited with great success. Also the lilacs, *viburnums*, *deutzias*, *forsythias*, *prunus*, etc., lend themselves as fillers to the variety of Easter stock.

There are also in the perennial section, stock that could be used for effect, such as *dielytras*, *primroses*, *myosotis* and *delphiniums*. In other softwood plants is the *marguerite*, which should be a predominant factor at Easter. It is a plant that requires very little heat, and timed correctly, can be had in good form. The *Aotus gracillium*; or common broom; *jessamine*, *grandiflora* and *primula*, and the various types of *Acacia*, especially *cordata*, *Drummondii*, *eristemen* and *pimelia spectabilis*, and the heaths or *Ericas* of the *ventricosa* type such as *magnifica* and *coccinea minor*, *Cavendishii*; also *chorizemas*, lend themselves as plants not only suitable, but necessary flowering plants for Easter blooming. These include *boronia*, *serulata*, *megaligma*, and *hetrophylla*.

As regards the foliage plants at this time, there are great varieties of stock. The season of the year allows for the variegated colored stock to be highly perfected under more natural conditions than at Christmas time. *Funkias*, that have been brought in and grown cold, make good fillers-in. *Caladiums*, of the fancy leaved varieties, lend a prominent and wonderful display of colors. *Dracenas*, and especially *amabilis*, *terminalis* and *stricta grandis* are in their best colors. In *crotons*, *Readii*, *Robert Craig*, *fasciatum*, *undulatum* and *Carreeri* are only a few of the varied colorings. The variegated umbrella plants, etc., are also good stock.

The collection of plants possible to be grown for Easter is so great that one cannot, in a short space of time, concentrate one's mind fully on the full details of so great a variety. One predominant feature, that while red is used extensively for Christmas, white



COHEN & HILLER'S EXHIBIT OF AMERICAN MADE CHIFFONS AND R/BBONS AT ILLINOIS STATE FLORISTS' ASSOCIATION MEETING, MARCH 7-8.

for Easter has become a thing of the past and we find that the florists throughout the country have educated their customers to using more varied colored stock for Easter decorations and festivities.

In conclusion, the growers throughout the country should be encouraged in a general way for the production of something original, something of merit, that at the present time only happens to be brought to a certain section, through the medium of one locality instead of a general factor, whereby the whole fraternity should be acquainted with same. All our horticultural societies throughout the country should consider the appointing of a standing committee to see that meritorious plants, both decorative and flowering, should be given the proper publicity; that the man spending so much energy in forwarding the knowledge and benefits of the craft should have the proper recognition.

International Garden Club Summer Show.

Following a general meeting that was held at the residence of Mrs. Chas. F. Hoffman, 630 Fifth avenue, New York City, president of the International Garden Club, on Feb. 24, to discuss the holding of a flower show at the club house and grounds at Pelham Manor, Pelham Bay Park, New York City, a meeting of those who had been invited to join the schedule committee was held at the Hotel Breslin, New York City, on Thursday, March 9. There were present Harry A. Bunyard, New York; Julius Roehrs, Rutherford, N. J.; John E. Lager, Summit, N. J.; P. W. Popp, Mamaroneck, N. Y.; W. A. Manda, South Orange, N. J.; Wm. H. Duckham, Madison, N. J.; I. S. Hendrickson, Floral Park, L. I.; Leonard Barron, Garden City, L. I., and J. Harrison Dick, New York. H. A. Bunyard was elected chairman of the committee, J. Harrison Dick, secretary.

The date of the show was very thoroughly discussed, and June 1-4 was proposed for the consideration of the executive committee of the International Garden Club. A preliminary schedule and prize list was also prepared and submitted for the approval of the International Garden Club, which guarantees a sum of at least \$3,000. It is hoped that this schedule will be accepted and published at once so that growers can make their arrangements in due time. The classes call for groups of plants and cut blooms from both commercial and private growers.

Bone Fertilizer from Pribilof Islands.

In a recent report from the commissioner of the United States bureau of fisheries, it is stated that extensive accumulations of seal bones exist on both St. Paul and St. George islands, the fertilizer value of which is estimated at millions of dollars. Whether or not it would be advisable, in order to furnish work for the natives, to do the grinding on the islands is a matter which may be left for future determination. If a power grinding mill were installed, the necessary fuel would have to be transported to the islands, as no natural source of fuel exists.

SALEM, N. J.—H. E. West, formerly of Swedesboro, N. J., will open a florist establishment in this city. A branch store at Swedesboro will also be maintained.

Rock Island, Moline and Davenport.

The eleventh annual convention of the Illinois State Florists' Association, held at the Turner hall, Moline, last week, a complete report of which appeared in the March 11 issue of THE AMERICAN FLORIST, was a great success, especially as far as the number of exhibits were concerned. Three exhibits arrived the last day too late to be staged, but attracted much favorable attention and were a splendid vase of the new scarlet carnation, Aviator, from the J. D. Thompson Carnation Co., Joliet; a vase of the new red carnation, Merry Christmas, from Baur & Steinkamp, Indianapolis, Ind., and a good showing of splendidly grown *Primula malacoides* roses from Fred H. Lemon & Co., Richmond, Ind.



E. C. Brucker.

President-Elect Buffalo Florists' Club.

The visitors all spoke in glowing terms of the hospitality of the Tri-City florists and were entertained to a queen's taste on the last day when they were treated to an automobile ride through the arsenal, city parks and greenhouse establishments. The Davis Floral Co. and the J. W. Davis Co.'s greenhouses at Davenport were the first stops made and after the party had inspected all the houses the members were treated to a good smoke. J. W. Bettendorf's new Foley conservatory, 40x150 feet, where P. G. Pearson is in charge, was next visited and is said to be one of the largest of its kind west of the Mississippi river. Mr. Pearson had everything in fine shape, notwithstanding that the place was not finished until recently and took great delight in showing the visitors about. Julius Staack & Sons' greenhouses were next visited and the way the coffee and cake disappeared plainly demonstrated that the ladies know how to cook as well as the men know how to grow flowers. Ludwig Stapp's establishment at Rock Island was also visited and a splendid dinner was served by the genial florist who never overlooks an opportunity to help a good cause along and the way the eats disappeared was surprising although there was plenty for everyone. Arvid Anderson's greenhouses were inspected and everyone was favorably impressed with his new carnation, Mrs. C. H. Deere and fine white seedling, No. 100. C. O. E. Boehm, superintendent of parks, Davenport, escorted the crowd through the greenhouses, where every-

thing was found to be in the best possible condition and each of the visitors was presented with a copy of the report of the Board of Park Commissioners for the past five years. Many of the visitors, especially the Chicago delegation, wanted to leave for home in the afternoon, so it was impossible to visit all the other places, as many of these would have desired to do. Every one of the florists in the Tri-Cities worked hand in hand, especially John Staack, Ed. R. Patton, D. G. Pearson, Ludwig Stapp, W. C. Wilson, Wm. Goos, Wm. Knees, Sr., Wm. Knees, Jr., C. J. Reardon, A. Anderson, Henry Gaethje, Christ. Sorenson, C. O. E. Boehm, Harry Bills and all the rest of the boys, who gave the visitors one of the best times that they ever had.

The J. W. Davis Co. has placed an order for a new cucumber house 76x600 feet, to be erected in the spring.

The Davis Floral Co. will add a new house, 43x300 feet, to its present range of 60,000 feet of glass.

F. E. Bonham, of Macomb, gave nearly every exhibitor at the convention an order of some kind. It is too bad that there were not several more hundred visitors like him.

There were 14 automobiles used to convey the visitors about the three cities.

Ludwig Stapp, Rock Island, is building three new Moninger houses, 74x300 feet.

Washington.

BUSINESS IS QUIET.

With the arrival of Lent, business has taken a quiet turn. Stock is plentiful, and with the drop in prices all of the stores are taking advantage of the opportunity to make good displays. Roses can be had at prices ranging from \$2 to \$12 per 100, and carnations are quoted at from \$2 to \$4. The market is glutted with sweet peas, the finest of the Spencer type selling for \$1.50 per 100. Easter lilies and callas are about the only items that hold firm in price. They are not overplentiful and bring from \$10 to \$12 per 100.

NOTES.

At a meeting of the florists' club, March 7, the following officers were elected: R. Lloyd Jenkins, president; Adolph Gude, vice-president; C. L. Linz, secretary; Wm. F. Gude, treasurer. The executive committee is composed of George Field, Theo. Die-drich, Adolph Gude, Geo. H. Cooke, David Bissett and Wm. Ernest. Geo. W. Hess, superintendent of the National Botanic Garden, was elected to honorary membership. Geo. H. Cooke, the retiring president, was presented with a handsome silver platter. Wm. Ekas, of Baltimore, informed the club that a delegation of 50 from the trade in that city will join the Washington contingent and attend the Fourth National Flower Show at Philadelphia March 27. A special train has been chartered by the club for the occasion.

Arrangements for the spring rose show, which has become an annual event, were made March 11 at a meeting of the Brookland Citizens' Association. E. C. Salzmann was appointed chairman of the finance committee, and F. T. Howe, chairman of the exhibition committee.

Capt. Ernest is busy looking up his bowlers and will have the local florists' club represented in the tournament of the Atlantic Coast Bowling Association, which will be held here in April.

We are glad to be able to report that Ed Miller has recovered from a severe attack of grippe, which confined him to his home for two weeks.

G. C. D.

Pittsburgh.

STOCK PLENTIFUL BUT PRICES FIRM.

The local market has held up remarkably well of late. Stock of all kinds is plentiful, prices still remaining good. The mild weather we have had for the past few days was accompanied with a fair amount of sunshine. Both wholesalers and retailers report that sales are active, and few are complaining of poor business.

CLUB MEETING.

At the meeting of the local florists' club, March 7, the headliner, an exhibit of new carnations, proved to be a splendid and appreciated attraction. Among the exhibits and exhibitors were: Mrs. Coomby, by E. G. Hill Co., Richmond, Ind.; Belle Washburn, by Bassett & Washburn, Chicago; Morning Glow, by Edw. Winkler, Wakefield, Mass. There were also several fine specimens staged by our Sewickley growers. Suitable cultural certificates were awarded all of the above. Pasquale Fabbuzzi showed an immense seal of the City of Pittsburgh, made almost entirely of immortelles. The design measured six feet in diameter, and aroused great interest. Mr. Fabbuzzi values this piece at \$300. John Jones of Schenley Park brought with him a fine collection of bulbs "to help pay the rent," as Mr. Jones put it. He also demonstrated some new experiments with radio active earth. Many other miscellaneous plants were also shown. The new president of the club, Carl Becherer, of Sewickley, got off with a good start, and gave everyone present the impression that he will be a live wire in his capacity, being greeted with an attendance of 48 members. Ex-President McCallum was presented with, what the chairman termed, a "gold medal," and upon glancing at the token, Mr. McCallum gratefully replied that the emblem, which contained the figure of a lady, appealed to him very much, the only trouble being that he couldn't look at it long enough, as directly under the figure, Uncle Sam had the figure 20.

NOTES.

Michael Kronis, the Pennsylvania Station Florist, has bought the half interest held in his place of business by Geo. Manos of Chicago, and now controls full ownership. Mr. Kronis has also acquired the lease for the shoe shining parlors located inside the station.

A few more new faces have appeared in the local wholesalers', A. F. Vick and Wm. Heinsinger having joined the forces of the Pittsburgh Cut Flower Co. and the McCallum Company, respectively.

The A. W. Smith Co. has worked up an extensive trade in artificial crepes in and around Pittsburgh and make several out-of-town shipments of these goods daily.

G. M.

Nashville, Tenn.

SUPPLY AND DEMAND BALANCE.

Trade has about held its own during the past week, with the supply about covering the demand. Roses are coming in a little better and promise soon to be abundant. Violets are plentiful and sweet peas are coming in very satisfactorily, while carnations are filling all the unoccupied places and doing double duty in all branches of the trade, both in designs and as cut flowers. There is a good deal of wholesaling being done in the out-of-town trade. Some of the dealers say they are doing more wholesale than retail business.

NOTES.

The only thing novel to be noted is the St. Patrick's day window of the Joy Floral Company. The floor of the window is bedded with the green woodland moss, evidently fresh from its native haunts, furnishing a fine setting for the mammoth shamrock in the background, which is lighted at night with electric bulbs. The Blarney castle and harp of Erin, together with numerous small pots of the American shamrock namely the white clover, distributed over the green moss with numbers of small flags of Erin, make quite a pleasing whole, and attract much attention, with good sales on both the harps and the castles.

Several of the florists are going into the market house on the public square with wagon loads of pot plants. The price here is cheaper than in the stores, and a class of patrons is reached who do not visit the stores. The five and ten-cent stores are having ferns, asparagus, hyacinths, pansies and other small plants on sale, and do a thriving business. Every country garden, which has the yellow daffodil in any kind of abundance has them on sale on the streets. They sell at 10 cents a dozen and sell rapidly. They are somewhat smaller blossoms than the greenhouse raises, which retail at 25 cents a dozen.

M. C. D.

Boston.

DULL WEATHER CAUSES SHORTAGE.

The market has advanced during the past week in nearly every line of stock. The siege of dull weather has shortened the supply to a marked degree and prices have advanced. Roses are in short crop and sell readily at from \$3 per 100 to \$2 per dozen. Ophelia, Russell and Hadley continue to be the leaders. Carnations have gone up to 4 cents, the demand being for Matchless on account of the St. Patrick's day trade. Red and scarlet varieties sell rather slow, but on the whole, the carnation market is better than usual for the time of the year. Yellow marguerites are more plentiful and the demand seems to increase with the supply as the flower comes into its season. Snapdragon is coming larger and with better flowers and finds a good market. There is a plentiful supply of shamrocks and they are selling very satisfactorily. The plant trade is fairly good, although there is not much of a variety just now, bulb pans being the main factor of supply.

NOTES.

M. B. Dallachie, of Newton, is bringing to the market a nice lot of double violets and English primroses. He grows Lady Hume Campbell exclusively, as he believes it to be the most profitable violet as the price remains even throughout the season and it is more prolific than the singles.

Wm. Sim, of Cliftondale, has commenced cutting a large sweet pea crop. The Spencer varieties are grown and the flowers are of his usual high quality. Pansies also are being cut in large quantities. His violets are doing well, and he is the largest shipper of popular flowers to Boston.

The bowling league banquet will be held March 23, at the Georgian hotel. Tickets may be obtained from J. Sloan at the Flower Exchange, Winthrop square, for \$2.50 per plate. The banquet promises to be one of the "big events" of the season and all who possibly can should attend.

H. Johnson, of Woburn, is cutting some very fine Daffodils Emperor and Victoria. He also has some nice Spencer sweet peas. He is contemplating

the construction of a new greenhouse this season, 35x100 feet, the work to be done by local builders.

W. S. Wilson, of Wellesley is cutting some very fine Spencer peas at present. He also has excellent carnations, his Beacon being especially good compared with the average.

Some of the best White Wonders seen in the market are grown by Thomas Capers of Wellesley Hills. He also has very good Pink Delight, Benora and Beacon.

F. L. W.

Providence, R. I.

BAD WEATHER AND POOR BUSINESS.

The week ending March 11 was, on a whole, very unsatisfactory to business. The last four days were practically sunless, and snow or rain fell almost incessantly. The weather was against sales, and the dark weather stopped the production of stock to an extent. The supply of roses has increased, however, and prices are lower. Carnations continue abundant and are fairly low in price. With many of the growers there is an abundance of burst flowers now. Violets are not selling well and are lower in price. Sweet peas, especially Spencers, are in good demand, as are yellow marguerites. Callas are more abundant. Dutch bulbous flowers are in good supply, but are not moving fast. There is a good stock of freezias of excellent quality. Snapdragons are somewhat scarce, and the supply of pansies is good. Lily of the valley cleans up fairly well. Cattleyas are still abundant, but meet with little demand. There is an adequate supply of Asparagus plumosus that is good. Azaleas are coming in fast and the quality is good, but the supply for Easter will be somewhat restricted here this year.

John F. Wood had several large designs, among which was a ship of flowers for a large funeral in Warwick, March 12.

H. A. T.

Los Angeles.

Local trade conditions continue satisfactory, with a good supply of stock in variety to choose from. Carnations never were better in quality, but of course they are cheap, and make up the bulk of the shipments of the wholesalers. Gladioli are now making their appearance and no doubt will meet with their usual popularity. The pot plant demand continues good, especially in rhododendrons and primroses.

NOTES.

S. Murata & Co., the well-known wholesalers, are making heavy shipments of carnations. They are prepared to make shipments anywhere.

The Redondo Floral Co. reports a continuance of good business. This establishment was the first to show gladioli in this city this year.

Wright's Flower Shop had a good supply of lily of the valley and report good sales in plants. They appear to be busy in all lines.

J. W. Wolters is displaying some fine orchids and a large variety of bulbous flowers. A good, steady trade is the rule at his place.

G. H. H.

DENVER, COLO.—Fred Hall is erecting a greenhouse, 75 x 140 feet, on Josephine street.

WALTHAM, MASS.—Pierce Bros. will add one house, 50x300 feet, to their range. They will plant 10,000 more rose plants this year than they did in 1915.

Louisville, Ky.

Charles Rayner, formerly of the Anchorage Rose Co., near this city, is now at Vancouver, B. C. He enlisted with the Canadian contingent and after being on the firing line was taken sick. After his recovery he was returned to Canada where he is a recruiting sergeant. His son is with the aviation corps.

A month old baby, which had been deserted at an interurban station March 9, was discovered by William Walker, florist, who took it to a nearby institution, where, despite the fact that it had suffered from the cold weather, it recovered.

E. G. Reimers & Son Co. are much pleased with the volume of business this season. They had the decorations for the automobile show which was held in the Armory, one of the largest buildings in the city, having a seating capacity of 12,000.

The F. Walker Co. has the orders for the decorations for two of the largest department stores in this city. Quantities of palms, blooming plants and southern smilax will be used.

Anders Rasmussen of New Albany is cutting immense quantities of roses and carnations daily. The quality is of the best. His American Beauties will be in crop at Easter.

A wind of cyclonic velocity struck Louisville and vicinity recently, unroofing several large buildings, but florists' establishments escaped without serious damage.

Jacob Schulz has a fine lot of blooming plants coming on that will be right for Easter. He is an acknowledged expert in the plant line.

The New Nanz & Neuner Co., Inc., have a beautiful display of Rhododendron Pink Pearl. Other fine varieties are also shown.

Louis Kirch, plumosus and smilax expert, contemplates changing his heating system to steam during the coming summer.

John V. Bohman, the veteran florist, has been quite ill but will soon be able to be out again.

E. C. Walker, landscape architect, is working on plans for several large estates.

The 10-cent stores are selling plants supplied by one of the local growers.

H. G. W.

Montreal.

BULBOUS STOCK SCARCE.

Business is keeping up very well, there being an extra heavy demand for funeral work. The supply of roses and carnations are about equal to the demand, but strange to say, bulbous flowers are scarce and high in price, due, the growers say to the fact that the mid-season and late varieties are not producing blooms. This is especially true with Emperor and Empress narcissi. It is thought by some that the bulbs suffered on shipboard by improper storing. Ferns are also scarce, the Christmas trade having used up all of the available supply and the growers have not been able as yet to overcome the shortage.

CLUB MEETING.

The March meeting of the local gardeners' and florists' club was the best attended meeting of the season, an interesting feature being a paper by A. H. Walker on "Flower Pots," which was read by W. H. Horobin, the secretary, and provoked a lengthy discussion. Hall and Robinson exhibited a vase of carnations, vase of tulips and a plant of farfugium. J. Travis, exhibited one plant of cyclamen and one of Begonia Glorie de Lorraine. Geo. Pascoe displayed Cattleya brassi-

folia orchids. E. J. Hayward staged a collection of shamrocks. The judges were C. F. Smith and J. Pidduck.

NOTES.

S. S. Bain, the well-known florist and grower, who has been seriously ill with pneumonia, died March 12. He came to Canada from Cromarty, Scotland, when a young man, and started one of the first florist stores in partnership with the late Colin Campbell; this soon was dissolved and Mr. Bain started for himself on Beaver Hall Hill, then the principal business street. Being a very energetic and far-seeing man, he opened a second store on St. Catherine street. His greenhouses are located on lower Lachine Road and are among the largest and most up-to-date in Montreal. His son, D. Bain, will succeed him in business.

Mrs. John Walsh, wife of John Walsh, gardener to W. W. Ogilvey, died March 9. The funeral was held from her late residence, 108 Redpath street, Saturday, March 11.

J. L.

Holyoke and Northampton Club.

The regular meeting of this club was held March 7 at the greenhouses of Gallivan Bros., Smiths Ferry, N. Y. There was a good attendance of members and in the absence of President Butler, Vice-President George Strugnell occupied the chair. After the business session, James Whiting read the paper, "Is Gardening a Profession?" sent by the National Association of Gardeners, which met with hearty approval. K. B. Ullman presented a paper on "Advertising", which provoked a good discussion and brought the retailers out of their shells. Exhibits made a good showing again and as usual were of high quality. Mr. Schwartz, in charge of the greenhouses, had arranged a bank of Murillo tulips, a mixed group of ericas, azaleas and ferns, and also staged plants of a crimson form of *Primula obconica*. G. H. Sinclair & Son had pans of a pretty lavender form of *Primula vulgaris* and vases of mignonette, snapdragons, sweet peas, and Carnations White Wonder, Rosette and Princess Dagmar. F. D. Keyes & Son had Carnations White Wonder, Enchantress and an unnamed pink variety of good form. H. E. Downer showed a plant of *Dendrobium nobile* having 150 open flowers. A specimen plant of *Banera rubioides*, a pot of *Hyacinth gigantea* and vases of *Schizanthus Wisetoniensis* and *Tulip Flamingo*. Congratulations were in order to G. H. Sinclair, that day appointed a park commissioner for the city of Holyoke.

H. E. D.

New London Horticultural Society.

The above society held its regular meeting Thursday, March 9. Mr. Stevens, of Storrs College, spoke on "Pruning and Spraying." He told how to prune and when was the best time. On spraying he spoke at length, naming the different insects and fungi that attacked the different fruits and berries and what he considered the best insecticides and fungicides, telling why he preferred them to others. There was a good attendance and two new members were elected. The president spoke on the loss to the society in the departure of Alfred Flowers, who is leaving to take a superintendent's place near Newark, N. J. The secretary announced that Wm. A. Dawson, Willimantic, Conn., would speak on "Carnations" at the April meeting and would exhibit his new carnation, Red Wing.

H. E. L.

OBITUARY.

Josep H. Cunningham.

Joseph H. Cunningham, one of the best known growers of primulas, pansies and ferns in the United States, died at his home, Delaware, O., March 4, aged 59 years. His first work as a florist was with Geo. W. Campbell at Delaware, O., grower of the famous Delaware grape. After seven years of work in that field, Mr. Cunningham started his present establishment, about 1885, on a small scale in a retail way, gradually increased its size and entered the wholesale line, which is now the most important part of the business. He was especially well known for his success in growing primulas. He was a man of most genial personality and generous disposition, living and believing in those principles, which are now so often termed, "old fashioned." He was a republican in politics and had served four years as a member of the city council. He was a member of Hiram Lodge, No. 18, F. & A. M.; Olentangy Lodge, No. 53, I. O. O. F., and Lenape Temple, No. 29, K. of P. He is survived by his widow, Emma J. Cunningham, two daughters, Marian L. Cunningham and Mrs. Fred Duffy, and two sons, Eugene J. and Geo. W. Cunningham.

Funeral services were held at Delaware, O., March 6, and his remains were borne to their last resting place, surrounded by a profusion of beautiful flowers, which were tributes of the high esteem in which he was held by his hosts of friends.

Asa Eldridge Brown.

A. Eldridge Brown, cashier at the establishment of W. Atlee Burpee & Co., Philadelphia, Pa., died March 9. Mr. Brown was born in New York, September 29, 1854. In 1882, he entered the employ of W. Atlee Burpee & Co., who were then located at 221 Church street. After attaining practical experience in the different departments of the business Mr. Brown was made cashier and this position he occupied up to the time of his death. He had a wide acquaintance among the seed trade and many times represented the firm at the annual conventions of the American Seed Trade Association. Mr. Brown leaves no children but a widow and a host of friends who mourn his loss.

Charles Woodbury Northrup.

Charles Woodbury Northrup, at one time well known in the Chicago trade as a successful grower of bulbous stock, died at his home in La Grange, Ill., March 12. Mr. Northrup was a man of considerable talent and greatly esteemed by those who knew him. In later years he had been identified with the State Bank of La Grange and was collector of the town of Lyons. The funeral services were held March 14 with interment in Oakwood cemetery. Two daughters survive.

SPRING VALLEY, N. Y.—A. S. Burns is erecting two houses, each 70 by 400 feet.

JACKSON, MICH.—Henry M. Burt has opened a flower store at 108 Francis street.

PITTSFIELD, MASS.—The Viale Floral Co. has three houses at Lenox avenue and Wahconah street.

TOLEDO, O.—Miss Helen F. Patten, of the Patten Flower Shop, is critically ill. As soon as her condition improves she will undergo an operation.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

• Advertising rates on application.
 From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
 440 S. Dearborn St., CHICAGO

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FANCY leaved caladiums make good center pieces in table decoration and last well in the dwelling.

WE ARE advised that E. O. Orpet's employers at Lake Forest, Ill., will not consider his resignation and that all applications for his position are premature.

THE A. T. De La Mare Ptg. & Pub. Co., New York, has just issued the Gardeners and Florists' Annual for 1916, containing the usual array of useful information.

OHIO C. BARBER, Cleveland match manufacturer, will present his \$3,000,000 model farm at Barberton, O., to Western Reserve University for an agricultural college.

Chicago to Philadelphia.

FOURTH NATIONAL FLOWER SHOW.

At the February meeting of the Chicago Florists' Club the Pennsylvania Railroad was selected as the route to the Fourth National Flower Show, to be held at Philadelphia, March 25-April 2, the club party leaving the Union station, Canal street, on Train No. 8, Saturday, March 25, the opening day of the show, at 3:15 p. m., due Philadelphia 5:50 p. m. the following day. The individual fare in either direction, between Chicago and Philadelphia, is \$19.10 and the party fare for 10 or more people on one ticket is \$17.39 per capita between the same points in either direction. The Pullman fares are \$3.60 for upper berth, \$4.50 for lower, and \$16 for a drawingroom, two tickets being required for the exclusive use of a drawingroom.

Other Pennsylvania Railroad trains for those who can not leave with the club party are: Pennsylvania Limited, leaving Chicago 5:30 p. m., due Philadelphia 3:08 p. m. (excess fare \$4), and Manhattan Limited, leaving Chicago 10:30 a. m., due North Philadelphia 7:19 a. m. (excess fare \$5).

Persons desiring to visit New York during the show at Philadelphia can secure one-way tickets to New York at a cost of \$21.10 with the privilege of a 10-day stopover at Philadelphia.

For reservations, etc., address District Passenger Agent, E. K. Bixby, 175 West Jackson boulevard, Chicago. Telephone, Wabash 3660.

American Gladiolus Society.

Notice is hereby given that the variety, Crystal White, formerly called Paper White, is submitted for registration by H. H. Baer of New Hyde Park, N. Y.

The nomenclature committee suggests a new method of registration, viz., the publication of a brief description with the suggested names for the varieties submitted for registration. If there is no objection to this name before April 1, this variety will be registered as Crystal White.

Description.—Bloom medium size (8 cm.). Stamen filaments white, anthers bluish; perianth white, blotched Tyrian rose. Seems a compact bloom of good substance, five blooms being open at one time. It is early to mid-season, tall, erect, and bears a large number of blooms (21); is a vigorous grower, and well furnished with medium broad leaves; seems prolific.

A. C. BEAL,

Chairman Nomenclature Committee.

National Council of Horticulture.

METHODS ADOPTED BY GOVERNMENT.

Some years ago the National Council of Horticulture inaugurated an excellent press service which the trade and trade organizations permitted to languish and die through lack of support brought about by almost childish jealousies. It is an interesting commentary on the trade's action to find that the department of agriculture has considered it necessary to meet the popular demand by the installation of just such a new service which has been in operation during the past two years. Among the articles issued to the press during the present year we find the following: "Time to Plant Annual Flowering Plants in Hotbeds," "Now is the Time to Fertilize Lawns," "When to Prune Ornamental Plants,"

"Keep Your Garden Soil Busy all Season," and "Plan Your Back-Yard Garden on Paper."

Sweet Pea Queries.

The following queries answered by Howard M. Earl, manager of W. Atlee Burpee & Co., were read before the Philadelphia Florists' Club, March 7.

1. What is the best treatment of winter-flowering Spencer sweet peas, planted in a carnation bench, to produce seed?

As sweet peas grown under glass will not set seed until towards the end of April, nothing would be gained by starting the seed very early in the fall. Therefore, as there would be no advantage in allowing the flowers to remain on the vines, meanwhile would advise cutting them regularly until towards the middle of April.

2. And how soon ought they to set seed?

If the plants referred to have been flowering now for sometime, they should be given regular applications of liquid manure and perhaps a top dressing of thoroughly rotted manure, the desire being to keep them growing strongly until the period when they would be likely to produce the most seed.

3. There are a few vines I particularly want to get all the seed of that is possible.

As the days get longer and the sun, naturally, much stronger, the vines are likely to be attacked by the green fly, and, unless, this is seen to in time, the plants might be so badly crippled as to preclude any chance of seed setting. It is, therefore, well to fumigate the house at intervals of ten days or so as "prevention is better than cure."

Philadelphia Hotel Rates.

The following is a list of Philadelphia hotels and rates per day issued by the committee on information of the Fourth National Flower Show to be held in that city, March 25-April 2. Fred Cowperthwaite, chairman of the committee, Room 1205 Widener building, Juniper and Chestnut streets, Philadelphia, Pa., will be pleased to give any further information desired upon request.

	Room without bath for 1 person.	Room with bath for 1 person.	Room without bath for 2 persons.	Room with bath for 2 persons.
Hanover	\$1.00-1.50	\$1.50-2.00	\$2.00-2.50	\$2.50-3.50
Walton	1.50-2.00	2.00 up	3.00-3.50	3.50 up
Bellerose-Strut'd	2.50-4.00	3.50-5.00	3.50-5.00	4.50-6.00
Ritz	3.50-4.00	.....	5.00 -	5.00 -
Adelphi	3.00	.....	.....	5.00 -
Cont'l	1.00	1.50-3.00	1.50	2.00-3.50
Stanton	1.50-2.00	2.50	2.50	4.00
Windsor	1.00	1.50	2.00	2.50
Majestic .....	.....	1.50 up	.....	2.50 up
St. James .....	.....	2.00-2.50	.....	3.00-4.50
Bingham	1.50 up	2.00 up	3.00 up	3.50-4.00
Colonade	1.00	2.00	2.50	3.50
Greens	1.00-1.50	2.00-2.50	1.50-2.50	3.00-4.00
Vendig .....	.....	2.00 up	.....	3.00 up

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any data that may have been altered since the last advices.]

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meeting Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Montreal, Que., March 20, 8 p. m.—Montreal Gardeners and Florists' Club, 140 Mansfield street. W. H. Horobin, Secretary, 283 Marquette street, Montreal.

Orange, N. J., March 20, 8 p. m.—New Jersey Floricultural Society, J. O. W. A. M. Hall, George W. Strang, Secretary, 84 Jackson street, Orange.

Boston, Mass., March 21, 8 p. m.—Gardeners' and Florists' Club of Boston, Horticultural Hall, Wm. N. Craig, Secretary, Faulkner Farm, Brookline, Mass.

Detroit, Mich., March 21, 8 p. m.—Detroit Florists' Club, L. Bomb Floral Co. Henry Foustner, Secretary, 237 Woodward avenue, Detroit.

Lake Geneva, Wis., March 21, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Charles Lockwood, Secretary, Lake Geneva.

Toronto, Ont., March 21, 8 p. m.—Gardeners' and Florists' Association, St. George's Hall, Elm street. Geo. Douglas, Secretary, 399 Merton street, Toronto.

Hartford, Conn., March 24, 8 p. m.—Connecticut Horticultural Society, County Building, Trumbull street. Alfred Dixon, Secretary, 25 Wilcox street, Wethersfield, Conn.

Dobbs Ferry, N. Y., March 25, 8 p. m.—Dobbs Ferry Horticultural Association, Odd Fellows Hall, Henry Kastberg, Secretary, Dobbs Ferry.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.**

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—Man thoroughly experienced and capable of taking charge of a private or commercial place. Address Key 619, care American Florist.

Situation Wanted—By young florist and gardener, single, on commercial or private place, good grower of bedding and pot plants. Have best references. Chicago or suburb preferred. Address Key AAA, care American Florist.

Situation Wanted—Energetic young man, age 20 years, desires position in small greenhouse establishment, where there is chance to learn the business thoroughly. Amount of salary not so much of an object. Address Key 617, American Florist.

Situation Wanted—By florist and gardener with 14 years practical experience in growing all kinds of greenhouse plants and cut flowers, fruits and vegetables, lawns and flower gardens. Prefer private place. Hard worker; single, age 30. Address Key 608, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial; lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can commence at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Help Wanted—Good grower of general stock for retail trade. Single. Wages, \$30.00 per month with room and board, ALTON FLORAL CO., Alton, Ill.

Help Wanted—Reliable married working man, having a little experience, for routine work in greenhouse and garden. LEVANT COLE, Battle Creek, Mich.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Help Wanted—Young floral saleslady, must have thorough knowledge of the business and be able to furnish best of reference. Good salary and steady position. ALPHA FLORAL CO., Des Moines Ia.

Help Wanted—Competent man for general store work in the west. Good place for man who can get out the work quickly and in good taste. State age, experience and wages. Address Key 618, care American Florist.

Help Wanted—Good rose grower to take charge of small range in Illinois. \$65.00 per month to start. Address Key 620, care American Florist.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling; getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—20-acre fruit and flower farm, in town, near railroad and Interurban station; 2 Express companies; 8-room house; 3,000 fruit trees in bearing; millions of strawberry plants, rhubarb and asparagus plants for sale; two acres in Paeonies. A good trade in cut flowers; beautiful location; electric lights. Splendid location for greenhouse. Gross sales for 1915, twenty-five hundred dollars. ALVA Y. CATHCART, Bristol, Indiana.

For Sale—At a bargain. Range of greenhouses consisting of 13,000 square feet of glass, fully stocked with carnations, also young stock in good shape and four acres of ground partly planted to peonies. Splendid opportunity for right party to secure good paying business in one of Chicago's wealthiest suburbs on the C. & N.W. Ry., near the depot and only 35 minutes ride from Chicago. Also have a good retail trade. Will take part cash and balance on easy terms. Hurry. Address Key BBB, care American Florist.

HELP WANTED

Working foreman, good on carnations, chrysanthemums and designer. Married man preferred. Also rose grower for a section. Only men that know their work need apply. This is steady all year around work. Address, or come and see me. Joseph Kohout, Libertyville, Ill.

WANTED**Experienced Fireman**

Reliable man for commercial place in Chicago. Good salary to the right party. For further particulars, call on or communicate with

SINNER BROS.,
158 North Wabash Avenue, CHICAGO

Capital Wanted

Young man thoroughly experienced in Retail Florist business is desirous of securing a partner with several thousand dollars to open a store in the Chicago loop. For further particulars, address Key 621, care American Florist.

WANTED**TRAVELING MEN**

to handle as a side line an article that every greenhouse man uses. Liberal commission and wide territory. For further particulars address

Key 613, care American Florist.

**I Want To Rent
100,000 Feet Of Glass**

near Chicago, planted with cut flowers. State full particulars in first letter. Address

Key 610, care American Florist.

**ADVERTISER
WANTS TO RENT**

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business.

Key 607, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 30,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address

Key 612, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSEYMEN

OF THE

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

"MICHELL'S"

PHILADELPHIA'S LEADING SEED HOUSE

I NVITES you to inspect their unique display at **THE NATIONAL FLOWER SHOW**, at Philadelphia, March 25th to April 2nd, 1916; and while there allow us to acquaint you with our mammoth establishment at 518 Market Street, Philadelphia, and our Nurseries at Andalusia, Pa., neither will entail any obligation on your part, and we assure you it will be worth the time.

Our corps of representatives at the Flower Show will be glad to lend any assistance in the usual Michell manner: Courtesy—Service—Satisfaction.

Make our establishment your mail address while in Philadelphia. Free telephone service at our office and at our exhibit.

Send for our Wholesale Price List.

MICHELL'S SEED HOUSE, 518 MARKET ST.

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

Nassau County Horticultural Society.

A very severe snowstorm was in progress March 8, the meeting day of the above society and the attendance was considerably smaller than usual in consequence. The meeting, which was held in Pembroke hall, Glen Cove, was called to order by President James McDonald at 2 p. m. Notwithstanding the reduced attendance, there was a goodly array of flowers and plants on the exhibition table, and all were of first quality. John Everett, Ernest Westlake and James Duthie acted as judges and turned in the following report: For best six spikes of antirrhinum, Robert Jones, 1st; best plant of cyclamen, Robert Jones, 1st; special prize offered by Robert Jones for best 12 carnations, James McDonald, 1st; James McCarthy, 2nd. Robert Jones exhibited a bunch of violets which were of exceptional quality and for which he was awarded a certificate of culture. A vase of gardenias exhibited by Harry Jones was highly commended.

By request, Robert Jones gave an account of his method of growing violets, which was followed by an interesting discussion on the same subject. James Holloway favored us with an essay on the subject of "Outdoor Fruit", and as he is a keen enthusiast on the subject of fruit culture, and is constantly carrying on various experiments, his treatise proved to be of more than ordinary interest. An animated discussion followed, and Mr. Holloway was questioned at considerable length in regard to different points about fruit growing which he had spoken of. Martin Ebel, for the National Association of Gardeners, sent an admirable essay to be read at this meeting, the title of which was, "The Use of Native Plants for Ornamental Planting", by S. P. Jensen, of Missouri. The essay was very instructive and was very well received by the members present.

Arthur Herrington paid us a visit and spoke on the coming spring flower show to be held in New York. He described some of the prospective features which the committee expects to have this year and prophesied that this show would far surpass all previous shows that have been held in New York.

Beginning next month, April, our meetings will take place in the even-

PENNSYLVANIA LINES

— TO —

National Flower Show

Philadelphia, Pa.,

March 25 = April 2, 1916,

offer superior service, trains at convenient hours, all steel equipment, dining car service.

For sleeping car reservations, tickets or detailed information call at City Ticket Office, 242 South Clark Street, corner Jackson Boulevard, or address **C. L. KIMBALL, Assistant General Passenger Agent, 175 West Jackson Boulevard, Chicago, Illinois.**

Spring List **ROSES**

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

ings, at 7 p. m., instead of in the afternoon. JAMES MCCARTHY, Cor. Sec'y.

Gladiolus Bulbs

FINE MIXED.

Per 1000

4,000 Extra large, 1 1/4-2 1/2 in.	\$8.00
13,000 No. 1, 1 1/4-1 3/4 in.	5.00
20,000 No. 2, 1-1 1/4 in.	4.00
20 bushels Corms or Bulbs, \$2.00 per bus.	
100,000 ASPARAGUS ROOTS.	2.50
300 lbs. Ruby King Pepper Seed, lb.	\$1.10
500,000 Jersey Sweet Potato Plants, write for prices	

All Kinds of Vegetable Plants in Season.

I. & J. L. LEONARD, Iona, N. J.

A GREAT COMBINATION

— Including —

The American Florist

— Regular —

SPRING NUMBER

— and the —

National Flower Show Report

— will be issued —

APRIL 6

Our readers throughout the country await this issue with much interest, both for the important Easter suggestions and details of the Philadelphia exhibition, fully illustrated, affording a splendid advertising medium for Easter and general Spring stock, supplies, building materials, etc.

Send Advertisements Early to Insure Good Location and Display

AMERICAN FLORIST CO.,
440 S. Dearborn St., - - - - CHICAGO

"Get them at Dreer's"

Superior Tuberous-Rooted Begonias and Fancy-Leaved Caladiums

We are pleased to state that the Tuberous Rooted Begonias which we offer this season are bulbs of superior quality which have again been grown for us by the same Belgian expert and specialist who has been supplying us for more than a quarter of a century and with the quality of which our customers are acquainted.

Begonia, Single Varieties to Color.	Doz.	100	1,000
Scarlet, Crimson, White, Rose, Orange	\$9.40	\$2.50	\$22.50
Begonia, Single Varieties in Choicest Mixture.			
	.35	2.25	20.00
Begonia, Double Varieties to Color.			
Scarlet, White, Yellow, Crimson	.60	4.50	40.00
Begonia, Double Varieties in Choicest Mixture.			
	.50	4.00	35.00
Begonia Zeppelin.	1.25	8.00	70.00
Begonia Lafayette.	1.50	12.00	

Fancy-Leaved Caladiums. An immense stock of the choicest varieties:

Fine Standard Varieties	1.75	12.00	100.00
Rare and New Varieties	2.25	15.00	140.00
Rare and New Varieties	3.50	25.00	
Choice Mixed Varieties	1.50	10.00	90.00

For a complete list of seasonable Seeds, Plants and Bulbs, see our Garden Book for 1916, and also our current Wholesale List. If you have not received them please write us.



FANCY-LEAVED CALADIUMS.

HENRY A. DREER, 714-716 Chestnut Street, PHILADELPHIA, PA.

The above prices are for the Trade only.

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Geraniums, Standard var.	\$2.00	\$18.00	\$3.00	\$25.00
Heliotrope, Mme. Bruant				
and Chieftain	2.00	18.00	3.00	25.00
Lantanas, 6 varieties	2.00	18.00	3.00	25.00
Lemon Verbenas	2.00	18.00	3.00	25.00
Moonvines	2.00	18.00	3.00	25.00
Petunias	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argenteus, Dus-				
ty Miller	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum and Heliotrope.				
Rooted cuttings, 60c per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.				
Canna Roots, \$2.00 per 100 and up.				

Cash with order. If you have not received our catalogue, notify us.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

ASPARAGUS

Plumosus, 2 1/4-in. pots, \$2.00 per 100; \$17.00 per 1000.
Cannas, 1 to 3 eyes, Allemania, Italia, Patry, B. Prince, Gray, Flamingo, Berat, Henderson, \$2.00 per 100.
Boston Ferns, from beds, \$15.00 per 100.
Coleus, 10 varieties April 1 \$2.00 per 100.
Pansy Plants, Giant flowering, \$2.50 per 1000.

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

COTTAGE MAID

A Sport of Mrs. C. W. Ward.
Will be disseminated 1916-17.

Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Mention the American Florist when writing

NEW LIGHT SALMON PINK CARNATION "NANCY"

Winner of the Dorner Memorial Medal at St. Louis, Jan. 26th, 1916. Was also awarded the Fred Burki prize for the vase holding in best condition to the end of the exhibition. Have a few hundred from 2 inch pots ready in March, at \$15.00 per 100.

STANDARD			VARIETIES	
	Per 100	1000		Per 100
Pink Sensation.....	\$6.00	\$50.00	White Wonder.....	3.00
Alice.....	6.00	50.00	White Enchantress.....	\$3.00
Matchless.....	3.50	30.00	Rosette.....	3.00
Champion.....	3.00	25.00	Enchantress.....	3.00

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., - **Lafayette, Ind.**

The Early Advertisement Gets There

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

Easter Plants

ORDER WHAT YOU NEED FROM US FOR OUR SUPPLY
WAS NEVER SO LARGE OR AS FINE AS IT IS THIS YEAR

AZALEAS.

Mme. Vander Cruyssen Niobe, Schryveriana, Prof. Wolters, Emp. of India, Em. du Brazil. All colors, in bloom 75c to \$2.50 each. Specimens, from \$3.00 to \$7.50 each.

RAMBLER ROSES.

Different varieties, 50c to \$1.50 each.

RAMBLER ROSES—CLIMBERS.

\$1.00, \$1.50, \$2.00 and \$2.50 each.

SPIREAS.

Gladstone and Queen Alexandra, 6-inch and 7-inch pots, 35c, 50c, 75c, \$1.00 and \$1.50 each.

RHODODENDRONS.

\$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each.

CYCLAMENS.

4-inch pots, \$2.50 per dozen; 5 inch pots, \$4.00 per dozen; 6-inch pots, \$7.50 per dozen.

HYDRANGEAS.

Mostly French varieties, 75c, \$1.00, \$1.50 and \$2.00 each.

EASTER LILIES.

Extra Fancy, \$120 per 1000. Blooms in pots.

LILY OF THE VALLEY.

In pots or pans, 50c and 75c each.

HYACINTHS.

In all colors, 4-inch, 10c each. Hyacinth Bulbs, in pans, 30c, 40c, 50, 60c each.

TULIPS.

In pans, 35c to 50c each.

DAFFODILS.

In pans, 35c to 50c each.

AMERICAN BEAUTY ROSES.

5½ inch and 6-inch (in bloom) 35c to 50c each.

PLANT DEPARTMENT

GRAFTED AND OWN ROOT ROSE PLANTS

		2½-in. Grafted	2½-in. Own Root
		Per	Per
American Beauties,	fine lot, own root,	1000	1000
	2½, per 100	\$7.00	\$65.00
Russell		\$120.00	None
Killarney		100.00	\$56.70
White Killarney		100.00	56.70
Killarney Brilliant		100.00	56.70
Ward		100.00	56.70

		2½-in. Grafted	2½-in. Own Root
		Per	Per
		1000	1000
Milady		\$100.00	\$56.70
Ophelia		100.00	56.70
Richmond		100.00	56.70
Hoosier Beauty		105.00	.....

		2½-in. Grafted	2½-in. Own Root
		Per	Per
		1000	1000
Cecile Brunner		\$100.00	\$56.70
Elgar (Special Only)		100.00	56.70
Francis Scott Key		110.00	63.00
Fire Flame		100.00	56.70
Lady Alice Stanley		120.00	73.50

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS
Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS
2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

	Leaves		Doz.
4 inch pots	5-6	16-18 inch high	\$ 4.50
			Each
4 inch pots	5-6	16-18 inch high	\$.40
6 inch pots	6-7	24 inch high	1.00
6 inch pots	6-7	28-30 inch high	1.50
6 inch pots	6-7	32-34 inch high	2.00
8 inch tubs	6-7	36-38 inch high	3.50
8 inch tubs	6-7	56-58 inch high	6.00
8 inch tubs	6-7	62-64 inch high	7.00

	Plants		Each
7 inch tubs	3	36 inch high	\$ 2.50
7 inch tubs	4	38 inch high	3.00
8 inch tubs	4	38-42 inch high	3.50
8 inch tubs	4	48-50 inch high	5.00
8 inch tubs	4	52-54 inch high	6.00
10 inch tubs	4	5 feet high	8.00
12 inch tubs	4	60-64 inch high	10.00

	Plants		Each
12 inch tubs	4	5½ feet high	12.00
12 inch tubs	4	5½-6 feet high	15.00
15 inch tubs	4	6-6½ feet high	\$18@20
Specimens, heavy, \$35.00, \$40.00.			

FORSTERIANA SINGLE PLANTS

	Leaves		Doz.
4 inch pots	5-6	18-20 inch high	\$ 4.50
4 inch pots	5-6	18-20 in. high ea.	\$.40
6-inch pots	6	28-30 in. high ea.	1.00
	Leaves		Each
6 inch pots	6-7	34-36 inch high	\$ 1.50
6 inch pots	6-7	38-42 inch high	2.00
7 inch tubs	6-7	40-44 inch high	2.50
8 inch tubs	6-7	5 feet high	6.00
10 inch tubs	6-7	5-5½ feet high	8.00
10 inch tubs	6-7	5½-6 feet high	10.00

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz., \$3.50			
		Inch Spread	Each
5 inch pots	15 inch high	20	\$1.00
6 inch pots	18 inch high	24	1.75
7 inch pots	28 inch high	34	2.50
8 inch tubs	30 inch high	36	3.50
10 inch tubs	35 inch high	42	\$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana,	\$6.00
per 100.	Each
6 inch pots Dracaena Amabilis.....	1.25
6 inch pots Dracaena Baptistii.....	1.25
5 inch pots Dracaena Imperialis.....	1.25
5 inch Dracaena Terminalis.....	\$6.00 per doz.
6 inch pots Dracaena Massangeana.....	.....
.....	\$1.00 to 1.25

DIEFFENBACHIA

MAGNIFICA	5 inch....each \$0.75
6 inch....each 1.00	6 inch....each 1.00

AGLAONEMA

PICTUM

5 inch....each \$0.75	5 inch....each \$0.75
6 inch....each 1.00	6 inch....each 1.00

ARECA LUTESCENS

6 inch pots 4 plants.....	\$1.00
8 inch tubs, 5 plants, 44-46 in. high.....	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4-inch pots, strong.....	\$0.50 each
5-inch pots .....	.75 each

MISCELLANEOUS STOCK

Achyranthes Brilliantissima, 2½-inch pots, \$2.50 per hundred.
Achyranthes Lindenii, 2½-inch pots, \$2.50 per hundred.
Araucaria Excelsa, 4 to 5 tiers, \$1.50 each; 5 tiers, \$2.00 each.
Asparagus Plumosus, 7-inch pots, \$4.00 per dozen.
Begonia Chatelaine, 2½-inch pots, \$3.50 per hundred; 3-inch pots, \$8.00 per hundred; 4-inch pots, \$15.00 per hundred.

Araucaria Robusta Compacta, 3 to 4 tiers, \$1.50, \$2.00, \$2.50 each.
Asparagus Sprengeri, 2½-inch pots, \$2.50 per hundred.
Coleus, in ten different varieties, 2½-inch pots, \$2.50 per 100.
Crotons, in finest varieties, beautifully colored and well furnished with leaves to the pot, 6-inch pots, 75c and \$1.00 each.

Pandanus Veitchii, highly colored, 4-inch pots, 35c each; 5-inch pots, 50c each; 6-inch pots, 75c each.

DISH FERNS

In 2½-inch pots, \$3.00 per 100; 3-inch pots, \$5.00 per 100. Pteris Albolineata, Pteris Serrulata Cristata, Pteris Cretica Ouveardii, Pteris Cretica Magnifica, Pteris Cretica Wimsettii, Pteris Cretica Wimmulti-ceps, Pteris Cretica Cristata, 4-inch Adiantum Cuneatum, \$10.00 per 100.

SWEET PEAS--A BIG CROP

All Zvolanek's fancy varieties. Prices according to length of stem. Extra long stem exhibition stock per 100, \$1.50. Good length stems, per 100, \$1.00. In lots of 500 or more at rate of \$7.50 per 1000.

American Beauties Per doz.

Heavy Cut of Short-Stemmed Stocks.

Extra long stem Specials.....	\$5.00
Medium.....	\$1.50 to \$4.00
Shorter lengths.....	.50 to 1.00

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer Per 100

Extra long stems.....	\$10.00
Medium stems.....	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c to 75c

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long.....	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

	Per 100
Pink and White.....	\$3.00 to \$4.00
Fancy Red Belle Washburn.....	4.00
Sweet Peas—Zvolanek's orchid flowering according to lengths of stems.....	1.00 to 1.50
Jonquils and Daffodils.....	3.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

LILY PLANTS

Ready to ship in bud after the 20th.

Plants 10 to 15 inches above pot, - - - 8c per bud

Plants 15 inches and over above pot, - - - 10c per bud

These plants are all giganteum and choice stock packed about 100 buds to the box without pots, the ball of dirt being securely wrapped in paper.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS

Chicago.

GOOD DEMAND FOR STOCK.

The demand for stock the past week has been very good and everything cleaned up nicely each day at an early hour. American Beauty roses are more plentiful, especially in the shorter lengths, but extra fancy long-stemmed flowers still command \$5.00 per dozen. Roses in general are in good supply, but the receipts this week have moved well, and at certain times it was impossible to fill all the orders on some varieties. Several of the out-of-town wholesale houses have been buying large quantities of roses here the opening of this week, according to one of the large growers who took care of part of the orders. Some especially fine Richmond, Rhea Reid, Ophelia, Killarney, Killarney Brilliant, Killarney Queen, White Killarney, Mrs. George Shawyer, Double White Killarney, Mrs. Moorfield Storey and Mrs. Chas. Russell are included in the shipments and are in good demand. The small roses, Cecile Brunner, George Elgar and Baby Doll are quite

plentiful and the same holds good for the other roses not mentioned in this report and grown for the local market. Carnations are quite plentiful but are clearing at good prices, with the exception of Enchantress, which seem to drag. White carnations are in brisk demand for St. Patrick's day and the best are selling at prices ranging from \$5 to \$6 per 100. Lilies are not as plentiful as they have been, but there are enough reaching the market each day to permit all orders to be filled in full. Sweet peas are more plentiful and choice stock is obtainable in quantity at prices ranging from 75 cents to \$1.50 per 100. Violets, both single and double, are still in large supply, with no great change in last week's prices. Lily of the valley was in better supply this week than for some time. Gardenias and orchids are in fair supply and the same holds good for tulips, Romans, daisies, jonquils, daffodils, calendulas, Paper White narcissi, freesias, stocks, lupines, anemones, snapdragons, forget-me-nots,

pansies, callas and mignonette. Some gladioli of the common mixed varieties are being offered, but are not meeting with very good demand. Lent does not seem to be affecting business any for trade has been better this week than anyone expected it would be. The supply of stock in general is steadily increasing, and it would not be at all surprising if a few more days will find quite a change in the market conditions. The retail stores are making a large showing of cut flowers and plants and the usual low prices especially on bulbous stock are being quoted as in former years.

NOTES.

Poehlmann Bros. Co. has a fine line of plants for Easter, including azaleas, hydrangeas, rhododendrons, spireas, lilies and rambler roses. In the palm department, where H. M. Oeser presides, everything is in splendid shape and there is enough stock on hand in nearly all the desired sizes to fill the orders that will be received. Adolph Poehlmann says he never saw a season when their young

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY CUTS OF ROSES

RICHMOND-SUNBURST-OPHELIA

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

Killarney.....		
White Killarney.....		
Killarney Brilliant.....	Per 100	
Sunburst.....	Specials.....	\$10.00
My Maryland.....	Select.....	8.00
Ophelia.....	Medium.....	6.00
Richmond.....	Short.....	5.00
Milady.....		
ROSES, our selection.....		\$4.00

MRS. CHAS. RUSSELL

Per 100

Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	2.00
" good.....	2.00
Harrisii.....	per doz., \$1.50 to \$2.00
Sweet Peas.....	\$1.00 to \$1.50
Valley.....	4.00 to 5.00
Violets.....	.75 to 1.00
Smilax.....	per doz, strings, \$2.00
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$3.00
Boxwood.....	per bunch, 25c
Galax, bronze and green.....	per 1000, \$1.00
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

rose stock was in such healthy condition as it is this year, and that the demand is very good for all the varieties they have listed and that new orders are being received each day. This firm is cutting a splendid supply of roses, carnations and other miscellaneous stock, which is being shipped out in large quantities each day.

The Lincoln park commissioners passed an ordinance March 9 authorizing the reclamation and addition of submerged lands between Cornelia street and Irving Park boulevard to the Lincoln park system. A bond issue of \$1,000,000 for the project was authorized in the ordinance to be placed on the ballot at the election April 4. The filling in of the area, which will contain approximately 90 acres and will be a half mile in length and a quarter of a mile in width, will make a total of 300 acres of made land between Diversey and Irving Park boulevards.

George Asmus, W. J. Keimel, E. F. Kurowski, A. M. Anderson, Arthur Dietsch, P. J. Foley, E. H. Goldenstein, Frank Hartwick, C. L. Washburn and wife, A. C. Kohlbrand, C. W. Johnson and wife, Fred Lautenschlager, Ed. Jacobs, Fred Longren, Joe Marks, Matt Mann, James Morton, H. Nichols, Peter Olsem, J. E. Pollworth, E. C. Pruner, Guy Reburn, Allie Zech and wife, Wm. Reid, John Schrieber, W. E. Tricker and E. A. Ollinger attended the eleventh annual meeting and exhibition of the Illinois State Florists at Moline, March 7-8.

Bassett & Washburn never cut a finer lot of stock than they are right now, and which is in such good demand that there is hardly ever a surplus when the day's orders are filled. The shipping trade is especially brisk, with a heavy call for short

and medium stemmed roses for store openings and other occasions. C. L. Washburn and wife will leave in about a week for Pasadena and Hollywood, Calif., where they visit for several days with O. P. Bassett and wife and E. B. Washburn and family.

Peter Reinberg continues to cut heavily in Mrs. Chas. Russell and Richmond roses, which are good property right now. Felix Reichling says that trade was very good last week and that stock cleaned up in great shape every day. Emil Reich-

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Most Complete Line

CUT FLOWERS

—AND—

GREEN GOODS

Absolutely essential stock to the progressive florist desirous of obtaining the best for the least money.

Chicago's Largest Dealers in Decorative Greens

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$3.00 Good...100, \$2.00 Split...100, \$1.50

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50- 3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengerl.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

ling, superintendent of the Reinberg greenhouses, will attend the National Flower Show at Philadelphia, Pa., March 25-April 2, and the New York show the following week.

The local bowlers have got the idea that they cannot be beaten, and are talking of challenging the Milwaukee boys for a series of match games in the near future. Fred Price says that the Cream City crowd can accept this as a challenge, but should remember when the alleys are selected and the dates arranged, that it would be just as well not to pick this city on Sundays. (?)

M. Wiltgen's place in Evanston was visited by fire on the evening of March 9, when his barn and one of the carnation houses were totally destroyed. Two horses, a cow and 100 chickens were burned to death, and an automobile was consumed. No insurance was carried and he figures his loss at about \$5,000. The fire started from some cinders that were thrown against a wall of the packing shed.

A. L. Vaughan and family have returned from a visit at New Orleans, La., and Clarksdale, Miss., where Mr. Vaughan's brother is one of the leading physicians. They had a delightful time on their entire trip, and the genial wholesaler is again attending to his duties at A. L. Vaughan & Co.'s store, where he was greatly missed by his many friends the past two weeks.

S. A. Lundy and Ben Boldt, of Denver, Colo., en route to the east, where they will attend the National Flower Show, stopped off here a few days this week and had a pleasant visit with their former townsman, Ed. Reynolds, now with John H. McNeilly, 1155 East Sixty-third street, and the well-known bear hunter of Platte canyon.

A. "Seed Service" was conducted at the Immanuel Baptist church, Sunday evening, March 12. The Rev. Johnstone Myers, the pastor, following his sermon, distributed hundreds of packets of flower seed to his congregation. Later a "Floral Service" will be held when the members will bring to the church the flowers they have raised.

Wietor Bros. will grow 10,000 Opheelia roses next season and a like number of F. Dorner & Sons Co.'s new light salmon pink carnation, Nancy, which looks like a winner. N. J. Wle-

tor reports a brisk demand for American Beauty rose bench plants and new orders are being received in every mail.

The Alpha Floral Co. is making a great showing of stock at its South Wabash avenue store, and is having special sales on roses at very attractive retail prices. Over 2,000 fancy Mrs. Chas. Russell roses were sold one day this week at \$1.50 to \$2.00 per dozen, as an advertisement.

Frank Ayres, with Chas. W. McKellar, feels like a king since he celebrated his ninth birthday February 29, and was a guest at several parties given in honor of the event since then. Mr. and Mrs. Ayres will celebrate their fourth wedding anniversary in the near future.

Professors H. B. Dorner, F. W. Muncie and E. G. Lauterbach, of the University of Illinois, passed through here, March 9, on their way home to Urbana from Moline, where they attended the eleventh annual meeting and exhibition of the Illinois State Florists' Association, March 7-8.

Kroeschell Bros. Co. reports business this month as exceedingly good, with a heavy demand for large boilers, both hot water and steam. Fred Lautenschlager will attend the National Flower Show in Philadelphia, Pa., and also the exhibition in New York the following week.

George Manos, the Union Depot Florist, had a special sale on pot plants, March 11, which was such a success that he sold out completely before the store closed at night. Mr. Manos does a nice business and is a heavy buyer of cut flowers in the local market.

Mons. Olson, an old-time florist, calls on his old friends in the wholesale market every once in a while, where he is always welcome and more than once has remarked that he looks fully ten years younger since he had his beard removed.

Allie Zech, of Zech & Mann, has returned from Toledo, O., where he participated in the American Bowling Congress tournament this week. He called on the trade while he was away and brought home several nice large orders.

George Burnap, official landscape architect of public buildings and grounds, Washington, D. C., and Prof. R. R. Root of the landscape depart-

ment of the state university at Urbana were visitors last week.

Paul Klingsporn calls especial attention to the splendid Killarney Brilliant roses that the Chicago Flower Growers' Association is receiving from the Kidwell greenhouse at Downers Grove.

Sam Seligman, of Wertheimer Bros., New York, and other supply men, are moving eastward to Philadelphia to arrive in that city for the big S. A. F. exhibition, and expect to return westward soon.

Joseph Ziska & Sons are having such a brisk demand for wire designs that the force is obliged to work until eight o'clock every evening, and a half-day on Sundays to keep step with the orders.

Chairman Asmus, of the National Flower Show committee, and Joseph Bieher leave early next week for Philadelphia, the latter to assist in the arrangement of the show.

George Reinberg never cut a finer lot of Richmond roses than he is now doing, and Manager Northam takes great delight in showing them to his customers.

Percy Jones is handling a good supply of fancy carnations and other seasonable stock, and could use more roses to good advantage on his shipping orders.

Miss Olive Artelle, of San Francisco, Calif., and H. B. Kennicott, president of the firm of Kennicott Bros. Co., will be married at Rock Island, Saturday, March 25.

Kyle & Foerster are handling a good supply of choice mignonette and sweet peas in addition to a complete line of other seasonable stock.

The Batavia Greenhouse Co. is cutting from a nice crop of American Beauty roses which are in good demand at present.

M. C. Gunterberg says that violets are still very plentiful with her, and that best stock is only bringing \$4 per 1,000.

Mrs. Arthur Hunt has the sympathy of the trade in the loss of her father, whose death occurred this week.

A. W. Herre, representing Poehlmann Bros. Co., left this week to call on the trade in the northwest.

F. L. Eagleston is equipping 1514 Hyde Park boulevard, to be opened as a flower shop about April 1.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

—Very Heavy Supply—

Roses, Carnations, Tulips, Lilies, Etc.

Exceptionally Fine Stock that will carry splendidly on long distance shipping orders. Try us.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long stems		\$ 5.00
36-inch stems		\$ 4.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
18-inch stems		\$ 1.00 to 1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium		10.00 to 15.00
Short		8.00

ROSES.		Per 100
White Killarney...		
Killarney		
Killarney Brilliant.		
Ward		
Sunburst		
Ophelia		
Maryland		
Richmond		
Milady		
Roses, our selection		
Special		\$12.00
Fancy		10.00
Medium		8.00
Short		\$ 4.00 to 6.00

CARNATIONS, select		Per 100
"		\$ 1.50 to \$2.00
fancy		3.00

MISCELLANEOUS.		Per doz.	Per 100
Cattleyas		per doz., \$6.00	
Valley			\$ 4.00 to \$5.00
Violets			.50 to 1.00
Freesias			3.00 to 4.00
Romans			2.00 to 4.00
Tulips			2.00 to 4.00
Lilies		per doz., \$1.50 to \$2.00	
Callas		per doz., 2.00	
Sweet Peas			1.00 to 2.00
Smilax		per doz., \$2.00	
Adiantum			1.00
Asparagus Strings		each, 75c	
Asparagus Plumosus		per bunch, .35c to 50c	
Fancy Ferns		per 1,000, \$2.50	
Wild Smilax		per case, 5.00	
Boxwood		per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays			.75
Mexican Ivy			.75

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Everything Seasonable--Prices Reasonable.

Geo. W. Cohen, with Cohen & Hiller, New York, called on the trade here last week, leaving March 12 for the east, where his firm will have an exhibit at the National Flower Show in Philadelphia, March 25-April 2. Their exhibit of American made chifons and ribbons at the Illinois State Florists' Association meeting at Moline last week attracted much favorable attention.

The E. F. Winterson Co. is showing a good supply of gladioli in the common mixed varieties.

Frank Evert, 2010 Melrose street, has purchased a new delivery car.

Miss F. Lenetty has opened a new store at 3161 Milwaukee avenue.

Harry Rowe is opening a new store at 67 East Monroe street.

Sam Pearce will strike another milestone March 20.

BASKETS \$5.00 and \$10.00 Assortments.

Try either one of these assortments of Cut Flower and Plant Baskets and you will not go wrong for our line is absolutely new and consists of all the latest and most desirable designs. They are finished in all colors. Nile Green, Brown, any two-toned effect, etc. We can give you splendid values at prices ranging from 50 cents to \$2.00 each. Easter is near and you will need baskets then, so why not give us a trial order today.

CUT FLOWERS.

Nice supply of roses including Sunburst, Killarney, White Killarney and Richmond. Fancy Carnations, Violets, Stocks, Daffodils, Jonquils, Sweet Peas, Callas, Mignonne, Calendulas, Tulips, Galax, Ferns, etc.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

A. T. Pyfer & Co. are a little over a year old, and will close their first season July 1, with a good record and with the total sales practically as good as those of the best year during which time Mr. Pyfer managed the old Chicago Carnation Co.'s business. Pyfer & Olsen, who ship to this house, will take charge of the Peter Nepper greenhouses on Murphy avenue July 1, which they rented recently and consist of 60,000 feet of glass. Carnations will be grown exclusively at this place and several new varieties originating with them will be disseminated next season. Mrs. Pyfer was severely burned about the face and hands one day last week, when she set fire to some garbage in the home, and some greased paper flared up while she was lighting it. Her hands will be scarred, but fortunately her face will not.

George Wienhoeber has an up-to-the-minute St. Patrick's day window display, with a large harp furnishing the centrepiece, the frame of which is filled with shamrocks and arranged especially for this occasion. Several large potatoes were hollowed out enough to hold a small 2-inch shamrock plant and tied with a green ribbon with a small clay pipe to finish the already decidedly Irish effect. To cap the climax, Mr. Wienhoeber had several vases of the rose Tipperary on display, and while he went to considerable expense to arrange the window it was one of the best advertisements that he ever had, for it attracted the attention of every passerby.

The local party for the National Flower Show at Philadelphia will leave this city. Saturday, March 25, at 3:15 p. m. on the Pennsylvania railroad. Among those who have announced their intention of joining the party are August Poehlmann, A. Henderson, W. J. Keimel, Adolph Poehlmann, Guy W. French, H. N. Bruns, Emil Reichling, E. F. Kurowski, Joe Marks, Fred Lautenschlager, H. M. Berner and Fred Meyer, also O. J. Olson, St. Paul, Minn.; J. S. Wilson, Des Moines, Ia.; P. W. Peterson, Joliet; Emil Glauber, and Gus Benson, Denver, Colo.

A number of the George Wittbold Co.'s greenhouses on Buckingham place have been torn down and a force has already started to excavate for the new flat building that Louis and Fred Wittbold are erecting.

The Wittbold Co. is building several new houses at Edgebrook and are using the Garland gutters, which were in use in the old houses, at the new plant, and an inspection of same found them to be in splendid condition.

The Garland Manufacturing Co. is offering a new lawn nozzle, which retails at 10 cents each and should be carried in stock by every dealer. It works like a charm and a dozen are neatly fastened to a display card with the price attached, and are in good demand by the dealers, although they have been on the market only a short time.

Arthur Weatherwax, formerly with W. J. Smyth, and later in business for himself, on the south side, is now assisting Manager Graham at the Fleischman Floral Co.'s store. J. G. Ashton, also with this concern, is suffering from blood poison in one of his fingers, as a result of a scratch from a rose thorn.

Herman J. C. Leitz, vice-president and manager of the New Haven Floral Co., New Haven, Ind., visited several of the leading greenhouse establishments here the past week, leaving for home March 15. His firm will grow roses on a large scale next season, their leaders being the Killarneys and Ophelia.

J. A. Budlong has had a good out-of-town demand for roses all last week, and the receipts, while large, were disposed of each day, long before the store closed at night. Manager Schupp reports a good demand for carnation cuttings in all the advertised varieties.

John Enders, with Poehlmann Bros. Co., is recovering from a severe attack of pneumonia and is able to sit up now. The first thing he did when he started to improve was to ask Mrs. Enders to get him a copy of the last three issues of THE AMERICAN FLORIST.

Chas. Erne, of Erne & Klingel, did not get out of the hospital as quickly as he expected, but is likely to be discharged in a few days, when his friends hope to see him back at the store.

D. Nicas is being jollied a great deal by the boys in the wholesale market since he had his mustache shaved off, but it does not seem to bother him to any great extent.

O. A. & L. A. Tonner say that their city business has been good since March 1, and they expect to receive

Current Price List

ROSES Per 100

Mrs. Chas. Russell...	\$8.00 to \$15.00
Ophelia.....	Special.....8.00
Sunburst.....	Long.....6.00
Killarney.....	Medium.....5.00
W. Killarney...	Short...\$3.00 to 4.00
Kill. Brilliant..	

CARNATIONS, De Luxe, select..	3.00
Good.....	2.00

Miscellaneous

Jonquils	\$ 2.00 to \$3.00 per 100
Daffodils.....	3.00 to 4.00 per 100
Freesias	2.00 to 3.00 per 100
Lilies.....	10.00 to 12.50 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.50 to	.75 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Tulips.....	3.00 to 4.00 per 100
Ferns.....	3.00 per 1000
Asparagus.....bunch,	35c to 50c each
Sprengeri .....bunch,	25c to 35c each
Galax.....	\$1.00 1000
Mexican Ivy.....	75c per 100
Boxwood.....large bunch,	25c each

Subject to Market Changes.

their share of the out-of-town business as soon as they are better known through their advertisements in the trade papers.

At John Kruchten Co.'s store some especially fine long-stemmed Easter lilies are attracting the attention of the city buyers.

The Golden Floral Co., Inc., will open a retail store this week, March 16, at 173-175 South Wabash avenue, second floor.

Sinner Bros.' principal offering this week is a fancy grade of ten-week-stocks.

Visitors: E. J. Fancourt, representing Pennock-Meehan Co., Philadelphia, Pa.; Geo. W. Cohen, with Cohen & Hiller, New York; Ben Boldt and S. A. Lundy, Denver, Colo., and W. E. Trimble, Princeton.

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, March 9, President Henderson in the chair. There was a good attendance, the event of the evening being Harry Newman Tolles' address entitled, "Keeping Step With The Times", which was highly instructive and interesting to both employer and employee.

The new members elected were A. F. J. Baur, Indianapolis, Ind., S. S. Skidelsky, 1004 Lincoln building, Philadelphia, Pa., Wm. Graham, 42 East Jackson boulevard, Peter Schaefer, 36 South Wabash avenue, W. A. Manda, South Orange, N. J., and D. D. P. Roy, 168 North Michigan avenue. Peter Kohl, Morton Grove, was nominated for membership.

Chairman Keimel of the good-of-the-club committee announced that he had secured quite a respectable list of new members for the Society of American Florists and that he is anxious to secure the applications of all other eligibles so as to win the valuable money prize for the benefit of the club.

The transportation committee again announced that the Chicago party for the National Flower Show would leave Saturday, March 25 at 3:15 p. m., on the Pennsylvania railroad.

The drawing for the large silver bowl, scheduled for this meeting, was postponed until next month.

Vaughan's Seed Store exhibited a nice vase of the new Canna Firebird and Baby Doll roses.

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

HEAVY SUPPLY

Of the Best ROSES and Leading CARNATIONS. Special price in quantity lots. Also abundant supply of Sweet Peas and fragrant home-grown Single Violets and all other seasonable stock.

You can increase your profits and business by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Quality
Speaks
Louder
Than
Prices.

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cincinnati.

FAIR BUSINESS AT REASONABLE PRICES.

Business is fair and is better than usual at the beginning of Lent. The heavy shipping business probably accounts for this fact, although the demand for spring openings is helping considerably. Prices are reasonable and the stock generally is of high quality. Roses continue in a good supply and have a fair demand. Excellent Killarney, White Killarney and Shawyer may be had. The carnation supply is only fair and often runs short of actual wants. This week white is at a premium, owing to the St. Patrick's day demand. There are plenty of Easter lilies for immediate wants and all are fairly good. The cut of callas and rubrums is fair. Sweet peas are in a heavy supply and generally have a fair sale at prevailing prices. Lily of the valley, violets and orchids are arriving in large quantities. Bulbous stock including tulips, jonquils, daffodils and Dutch hyacinths has an excellent market when the offerings are of good quality. Other offerings include snapdragons, forget-me-nots, marguerites and mignonette. The supply of decorative greens is large and excellent.

CLUB MEETING.

The regular meeting of the florists' society was held March 13, at Hotel Gilson. President C. E. Critchell was in the chair. The attendance was good. Fred H. Lemon & Co., Richmond, Ind., through Henry Shepard, exhibited plants of their Primula malcoideosea. These were awarded a certificate of merit by the judging committee of the society consisting of R. Witterstaetter and Henry Schwarz. Henry Schwarz was chosen a director to fill the vacancy in the board of the

society caused by the death of Max Rudolph and takes the vice-presidency in the place of C. E. Critchell who moved up to the presidency. Henry Schwarz, Alex Ostendarp and Chas. H. Hoffmeister were appointed to draw up resolutions relative to the death of the late president, Max Rudolph, and to arrange to enlarge his picture to hang in the club rooms. Chas. H. Hoffmeister, J. A. Peterson and Henry Shepard were appointed to confer with the seedsmen, relative to making their proposed organization a part of the florist society, or their becoming members of the florist society. C. E. Critchell, J. A. Peterson and R. Witterstaetter signified their intention of attending the national flower show in Philadelphia. Arrangements were made by Cincinnati florists for the entertainment of President MacRorie, of the S. A. F. and party, when they arrive in this city next week.

NOTES.

P. J. Olinger, besides reporting the loss of about a thousand panes of glass, in a hailstorm last Monday, at New Castle, Ind., reports that the storm did practically no damage to his stock and that he is having a heavy shipping business.

W. Ray Murphy has sold his greenhouses to his brother-in-law L. F. Murphy. He will now devote all of his time to the store of the Wm. Murphy Co. He reports his company is having an excellent shipping business.

Miss Edith Kyrk had decorations for a musical last week as well as the table decorations for the Ladies' Rotary Club dinner. Miss Kyrk is a member of the Ladies' Rotary Club.

S. H. Kyrk has been getting some excellent forget-me-nots from Geo. Klotter of West Price Hill.

Ben George, Jr., was in the wholesale market March 13, for the first time since his recent attack of pneumonia.

C. E. Critchell offered some amaryllis from the south last week. H.

St. Louis.

BUSINESS SATISFACTORY.

The market has held up fairly well during the past week, bulbous stock being plentiful and roses and carnations being held at top prices. Pre-Lenten business was above the average, and numerous balls, parties and other social events kept the florists in all parts of the city busy. White carnations seem to be very scarce, but sweet peas and violets are plentiful and the demand for both is very good.

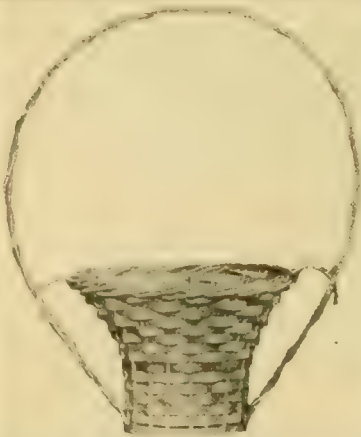
NOTES.

The retailers' protective association, at their recent meeting decided upon an interview with the principals of the various schools in regard to the custom of sending flowers to graduates. The meeting was a very interesting one and was appreciated by all present.

Poster, the Florist, on Olive street, featured "dollar boxes" on an advertisement in the front of his store recently, and told how many of these boxes he had sold in his experience as a florist. The idea seemed to prove quite an attraction.

The Wm. C. Smith Wholesale Floral Co. is receiving some very fine roses, carnations and violets, the latter being especially worthy of mention. A fine display of spring flowers is also to be seen here. Stock at this establishment cleans up daily.

The florists' union meets on the first and third Monday of each month. This organization is showing some very



A GOOD BUY

Just what you need for 4-inch and 5-inch pots and also Cut Flowers. You will need these between now and Easter, so order a dozen or two today.

1 Dozen for \$4.20

2 Dozen for \$8.00

25 Cut Flower Baskets in any two-tone effect for \$7.50.

Write for our new Catalog of Spring Styles just off the press.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Phone, Monroe 4977. CHICAGO, ILL.

good results, the meetings are well attended and the membership is steadily increasing.

O'Leary, Florist, reports a very busy week. The display of spring plants in the windows at this establishment is an attraction that commands attention.

Grimm & Gorly are enlarging their Washington avenue store, and after alterations are completed, will have one of the finest flower stores in the city.

The local florists' club held its annual flower show, March 9, at the store of H. G. Berning, one of the leading florists on Pine street.

A new flower shop, known as the Rosebud Flower Shop, has opened in a good location on Seventh street.

The St. Louis Seed Co's. force is very busy filling orders. J. E. H. S.

Minneapolis.

DEMAND GOOD BUT PRICES LOW.

Stock continues plentiful. There is a satisfactory demand, but prices are low. Violets of fine quality are arriving and find ready sale, prices ranging from 50 cents to 75 cents per 100. Roses and carnations are also to be seen in quantity and the quality is excellent.

NOTES.

Wm. Vasatka of the L. S. Donaldson Co.'s greenhouses has everything in splendid shape, and the variety takes a wide range—from tulips to palms.

The Merriam Park Greenhouses are a mass of bloom at present, with 6,000 ramblers coming in and over 30,000 lilies in fine shape for the Easter trade.

The L. S. Donaldson Co. featured a special sale on violets, Saturday, March 11, and disposed of 25,000 at 20 cents per bunch of 25.

H. B. Whitted reports that the extensive advertising in the daily papers has brought results that are entirely satisfactory.

Rice Bros. bowling team defeated the Donaldson aggregation of "pin smashers" March 9, taking three straight games.

E. H. Mazey has placed an order with Kroeschell Bros. Co., Chicago, for a No. 4 Kroeschell hot water boiler.

S. S. Cargill was right on time with a fine crop of white carnations for St. Patrick's day.

Oscar Amundson arranged a special window of roses and azaleas, which sold quickly.

Oscar Swanson is keeping up his reputation for attractive window displays.

Hayden's Flower Shop is having a heavy call for pot plants and ferns.

Will Bros. are in full crop with roses and carnations. T. C. R.

New Crop of Carnations

Freelias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experience. Shippers in Southern California

751 S. Broadway, Los Angeles, Calif.

Kansas City.

SUPPLY CLEANS UP WELL.

Stimulated by heavy funeral work and a good demand for decorations, business has held up very well during the past week, and the market practically cleans up daily. Roses are more plentiful and move freely, selling at \$3 per 100 and up, according to grade. Russell, Hadley and Ophelia, which are especially good, bring \$5 per 100 and better. Carnations are short of the demand. Sweet peas are arriving in larger supply and prices have dropped. Pot plant sales continue good.

NOTES.

The Wm. L. Rock Flower Co. featured bird houses and arranged a very clever display in one of the windows. The novelties were displayed with a background of smilax and southern moss. Parrots, pigeons and canaries completed the pretty scene and were seen flying to and fro at will.

The Alpha Floral Co. had a special window as a feature of the annual baby show week. Chairs, cradles and figures were artistically decorated with flowers and the idea made a decided hit with the public.

W. J. Barnes and his force were kept busy early in the week with a large decoration for the millinery opening of the Emery, Bird & Thayer store. A large amount of stock was used.

Arthur Newell is well pleased with the volume of business that he is handling. The demand for funeral work has been heavy and plants and basket arrangements of bulbous stock are ready sellers.

The Geo. M. Kellogg Flower and Plant Co. have had a busy week, especially in funeral orders for out-of-town points. Stock at the greenhouses is shortening up somewhat.

H. Kusik & Co. report the demand for wire work is growing heavier every day. Trade at this establishment has been good, but a shortage in the supply of stock is felt.

T. J. Noll & Co. clean up their stock each day. While they suffer from a shortage in some lines they are pretty well supplied with stock to meet requirements.

The Harnden Seed Co. is preparing for a big spring trade. The busy

days are already at hand, seeds and bulbs moving well.

Miss Lou Boggess has no complaint to offer regarding business and is looking ahead to a splendid Easter trade.

Visitor: E. C. Pruner, representing Poehlmann Bros. Co., Chicago.

E. J. B.

Dayton, O.

TRADE EXCEPTIONALLY GOOD.

The local florists have all been enjoying an unusually good trade. Stock has been scarce, especially roses and carnations, and this to an extent has had the effect of keeping prices firm. Pot plants are plentiful, but move satisfactorily at moderate prices. Next week will be spring opening week in the stores. Nearly all of the palms have been engaged for the occasion and wild smilax will be used in quantity.

CLUB MEETING.

The annual meeting of the Dayton Florists' and Gardeners' Association was held in the Y. M. C. A. building, March 7, about 50 members being in attendance. The election of officers for the ensuing year was the principal business of the evening and resulted as follows: Horace M. Frank, president; Elmer Bame, vice-president; E. E. Schaefer, secretary; J. W. Rodgers, treasurer. The directors are Mrs. S. Johnson, M. L. Vogel and J. T. Good, and the permanent market committee is made up of E. W. Jenkins, Geo. W. Frisch, Jr., A. Kuntz, J. L. Dorringer and Ed. Rodebusch. It was decided to hold a banquet at one of the local hotels during the last week in March, and H. M. Frank was instructed to make arrangements for same. The members are all pleased at the progress that the association has made during this, its first year.

NOTES.

W. W. Horlacher had some fine table decorations last week. His display of double flowering cherries, which he used as a feature on Washington's birthday attracted much favorable comment.

Miss Tullis, of the Ideal Flower Shop, has been on the sick list for several weeks.

The Heiss Co. reports it will build a new range this year.

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

BUSINESS AND SUPPLY SATISFACTORY.

Although the social season has closed and the comparative inactivity of the Lenten period is on, the demand for flowers keeps up and business can be said to be satisfactory. The supply seems a trifle meager for the season, which the rather active demand manages to keep from getting ahead. The quality is good, the increasing sunny days bringing the color into all the teas, particularly the Killarneys, which are seen in quantity, especially the shorts. Growers are not pinching this rose for long stems at present, preferring to get a good stock of the shorter grades, which, if the stems are fairly stout, and there is good substance in the flower, find a better sale than the specials and extras. There appears to be an increased stock of Mock, which rose appears to be popular in a number of stores. Carnations sell close; there is not now, nor is there a prospect of any of the usual spring gluts that this flower has been prone to suffer from in former seasons. Of the new ones, Alice, appears to be making good with all growers who have given it a trial, it having proved wonderfully prolific. Easter lilies are good stock at this time, commanding \$15 per hundred flowers, an unusual price for the season. Violets are very much on the wane, with prices higher. Lily of the valley still holds the advance of 20 per cent, with higher prices predicted in the near future. Snapdragon sells up every day and is getting better every week. Good lilacs are in demand at top prices. Cattleyas and gardenias are in full supply—some of the gardenias are very fine. Green is scarce; asparagus sells out daily, while adiantum is very soft, and as a rule, unsatisfactory.

NOTES.

Flower show plans are progressing splendidly—the only sand on the track is in the retail section, several of the largest houses holding back for one reason or another. Quite a number of entries for the flower pictures have been made, however, and it is thought that this will be a great feature of the show. Posters are now prominently displayed at every point of vantage, and liberal press notices also help along a lot. Large electric signs, "Visit the Flower Show," will be seen at the City Hall during the show, which will be of great help. The mayor has gone south, but expects to be back in time to open the exhibition. The banquet committee are busy and great things are promised for this function, which will no doubt be the largest gathering of the kind in the annals of the trade.

The railroads are having a real Easter time rush with their freight, and embargoes have been declared and will continue to be daily on everything that is not perishable. The Whildin Pottery Co. is up against a wall, as but very few shipments of their stock get to their consumers in reasonable time; it is just one embargo after another. The only hope, or way out, appears to be the auto truck, with its added expense for long deliveries. Growers must have the pots, however, and the manufacturer

Wholesale Flower Markets

BOSTON, Mar. 15.		Per 100
Roses, Beauty.....	40 00@60 00	
" Killarney Queen.....	4 00@16 00	
" White and Pink Killarney.....	4 00@16 00	
" Double White Killarney.....	4 00@16 00	
" Killarney Brilliant.....	4 00@20 00	
" Hadley.....	6 00@25 00	
" Cardinal.....	6 00@25 00	
" Mock.....	8 00@35 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	6 00@12 00	
" Milady.....	6 00@12 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	35 00@50 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@2 00	
Carnations.....	1 00@2 00	
select.....	2 00@3 00	

BUFFALO, Mar. 15.		Per 100
Roses, Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" My Maryland.....	6 00@10 00	
" Killarney Queen.....	4 00@8 00	
" Richmond.....	6 00@15 00	
" Sunburst.....	4 00@10 00	
" Ward.....	4 00@6 00	
" Taft.....	5 00@12 00	
" Ophelia.....	6 00@10 00	
" Francis Scott Key.....	8 00@15 00	
" Shawyer.....	5 00@12 00	
" Bon Silene.....	3 00@4 00	
Lily of the Valley.....	4 00@5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@3 00	
Snapdragons.....	6 00@10 00	
Violets.....	50@60	
Yellow Tulips.....	2 00@3 00	
Daffodils.....	2 00@3 00	
Freesias.....	2 50@4 00	
Paper Whites.....	2 00@3 00	
Asparagus Sprengerii.....	35@50	
Ferns.....per 1000.	2 50	
Smilax.....	15 00	

CINCINNATI, Mar. 15.		Per 100
Roses, Beauty.....per doz., \$1 50@5 00		
" Killarney.....	3 00@8 00	
" My Maryland.....	3 00@8 00	
" Richmond.....	3 00@8 00	
" Taft.....	3 00@8 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	8 00@12 50	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00@7 50		
Carnations.....	2 00@4 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35@50	
Narcissus.....	2 00@3 00	
Sweet Peas.....	50@1 00	
Daffodils.....	2 00@4 00	
Jonquils.....	2 00@4 00	
Hyacinths.....	4 00@5 00	

will have to try and get this extra cost back from their customers. They have an immense amount of business ahead and are doing their best to get it out.

The three-ton Packard truck of the J. G. Whildin Pottery Co. was run into by a trolley car, March 11, and put out of commission for at least three weeks. Another three-ton Packard ordered at same time can not be delivered for two months. So it's up to the horses to help them out in their dilemma.

The price of Easter lilies for Easter delivery appears a matter of doubt. Some claim prices will reach \$15 per hundred flowers on pot or cut, while some growers are quoting them at \$10.

The new warehouse and factory of the M. Rice Co. is well under way. They claim it will be the largest building devoted to the flower supply business in the world.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

**226 DEVONSHIRE STREET,
BOSTON, MASS.**

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

**Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS**

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

**Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.**

One block from express depot.

1619-21 Ransford St., PHILADELPHIA, PA.

August Lutz has been very ill in the Presbyterian hospital for the past seven weeks. He is, we are glad to say, much improved and is expected home this week.

Orchid sweet peas, together with lily of the valley and spring flowers, top off the Berger Brothers' stock. Great preparations are being made for Easter.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

Spring flowers in great variety are the leading features of the Leo Nissen Co.'s stock. Rubrum lilies are seen in quantity.

Edward Reid is headquarters for Mock roses. Splendid stock is seen here. Top notch sweet peas are also a feature.

Leonard roses with a large "L" are in good demand, with the Philadelphia Wholesale Florist Exchange.

Walter Davis is getting along nicely and his many friends hope soon to see him back in the market.

K.

Milwaukee, Wis.

There has been practically no change in market conditions since our last report, with the exception that white carnations have been scarce, due to the St. Patrick's day demand.

Word has been received from Madison that the state board of agriculture has approved the names of the following as recommended by the local florists' club at its March meeting: Arthur Leidiger, assistant at state fair grounds; Nic Zweifel and John G. Heitman, Milwaukee, and J. E. Matthewson, Sheboygan, Wis., judges for 1916 fair.

From reports received from the flower booth at the charity bazaar last week, the receipts amounted to \$4,400.

BURLINGTON, KAN.—Victor King will build a completely equipped range this spring and will grow both flowering and vegetable plants.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Mar. 15.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
" first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@\$1.50		
Sweet Peas.....	1 00@ 2 00	
Snappdragons.....	8 00@12 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50@ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Mar. 15.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@ 8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50@ 1 00	
Narcissus.....	3 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, Mar. 15.		Per 100
Roses, Killarney and W. Killarney	3 00@10 00	
" Ward.....	4 00@10 00	
" Mrs. Chas. Russell.....	8 00@35 00	
" Ophelia.....	4 00@10 00	
" Hoosier Beauty.....	5 00@12 00	
Lilies..... per doz., 1 50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	75@ 2 00	
Carnations.....	1 00@ 3 00	
Snappdragons.....	4 00@ 8 00	
Daffodils.....	3 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Mar. 15.		Per 100
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@10 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	4 00@ 8 00	
" Sunburst.....	5 00@10 00	
" Ophelia.....	6 00@12 50	
" Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	3 00@ 4 00	
Orchids.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilies.....	10 00@12 50	
Rubrum Lilies.....	10 00	
Asparagus Plumosus, per bu. 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		

New York.

LENT USHERS IN LIGHT DEMAND.

With a heavy fall of snow, March 6, and another on Ash Wednesday, the business of the past week was very dull. There was a little more life in the market, Saturday, March 11, but nothing to boast of. Special American Beauty roses have dropped to the rate of \$10 and \$50 per 100 and other roses are very slow sellers. The supply of carnations is not heavy; it would appear that the white ones are being held back to be dyed for St. Patrick's day. Tulips and narcissi are moving, but at reduced prices. There is a great abundance of sweet peas of the orchid flowered varieties—excellent stock, but hard to move. To summarize the situation, the retail stores are doing a very light business and as a consequence buying is light. If arrivals were heavy, the market would be glutted. As the first week of Lent is usually the worst week for business, it is hoped that there will soon be a favorable reaction.

March 13.—Business in the wholesale district was fairly lively this morning. While there is a decline in rose prices, it is not enough to create a panic, and regardless of manufactured and sensational reports sent out from this city, it can be stated that for Lent, the market is holding up very well.

NOTES.

There need be no worry about Easter plants as the plantmen of this vicinity will have fine stock for the market. Calling recently on Anton Schultheis, at his College Point range, we found a great stock coming on. He is an enthusiast on roses, and knows how to grow them and his Easter stock will be exceptionally fine. In Dorothy Perkins and other ramblers, he has battships and many other interesting features. House after house is filled with fine rose plants, but orders are pouring in. Other fine plants noted were bouganvilleas, heathers, hydrangeas, cyclamens and lilacs, both white and purple. There is also a fine stock of lilies in pots. Another noteworthy feature is his great stock of tulips and narcissi in pans. Thousands of these have already been sold to the retail stores. In lily of the valley, he is constantly shipping fine stock to the wholesale district.

At the range of the Julius Roehrs Co., Rutherford, N. J., we have recently noted a very fine stock of plants. The lilies are exceptionally promising, but in plants, they may be said to cover the whole field. There are great stocks of roses, hydrangeas, azaleas, rhododendrons, and other seasonable plants. A rather unusual feature noted at this range is a beautiful stock of fuchsias grown to standards. We have heard it stated that the fuchsias were "coming back," and we are glad of it, as, well grown, they are highly ornamental. Frederick H. Dressel, of Weehawken Heights, N. J., is another plantsman who will have a great stock of Easter plants, but for that matter he has them throughout the year. If he has any specialty it is hydrangeas, and he always brings some into flower for Christmas. He grows the French varieties and has them in all sizes.

The alumni-graduate presidents of the New York Florists' Club, held their first annual dinner at the Castle Cave on Seventh avenue, on the evening of March 13. From the fact that it was held in a cave, it is surmised that there were great doings. Although it was all very mysterious, we believe that the following were present: Alex. S. Burns, W. A. Manda, Patrick O'Mara, Walter F. Sheridan, Frank H. Traendly, Chas. H. Totty, A. L. Miller, Joseph A. Manda,

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

John B. Nugent, W. H. Siebrecht, Sr., and Harry A. Bunyard.

As noted in our issue of March 11, the MacNiff Horticultural Co. start their auctions March 14. With a third store added, the facilities of this firm for quickly handling stock are admirable and the indications are, that they will have a great season's business.

Although there are many good sweet peas on the market, we have recently noted some exceptionally fine ones at the store of William Kessler, 113 West 28th street, who it may be added, is also well stocked with other cut flowers and plants.

Gunther Brothers, 110 West 28th street are now receiving fine stock of the new pink rose, Canadian Queen, from the Dale estate, Brampton, Ontario. The petals are handsomely shaded, and retailers who handle it, say that it is a fine keeper.

J. J. Coan, who has been headquarters for shamrocks, has had heavy sales. It is the real Irishmen that buy shamrocks, and the imitation ones that buy dyed carnations—one says dyed, because they are not green.

Peter Beuerlein, of Elmhurst, N. Y., is sending to the Growers' Cut Flower Co., very fine stock in tulips and jonquils. He is one of the most successful bulb growers that ships to this market. A. F. F.

New York Florists' Club.

The monthly meeting of the club was held in its rooms in the Grand Opera House building on the night of March 13. President Weston in the chair. The hall was crowded and the interest manifested was most gratifying.

The dinner committee, through T. B. De Forest, chairman, and Walter F. Sheridan, secretary, made an extended report of the arrangements that had been made for the "Din-Dan" (revised from dinner dance), which will take place at the Hotel Biltmore Saturday evening, April 8. The tickets are \$5 each.

Wm. Thurston, Paterson, N. J.; Chas. P. Dudley, Madison, N. J.; Henry W. Thomas, 112 W. 28th street, and D. C. Arnold, 112 W. 28th street, New York, were elected members of the club. John R. Walsh, 335 Broadway, New York; Dennis Kenna, Flushing, N. Y., and Albert Lahodney, New York, were proposed for membership.

On the motion by John G. Esler, seconded by Robert Koehne, there was a unanimous vote that the S. A. F. be invited to hold its 1917 convention in this city. The proposition received enthusiastic support from the following well-known members of the club



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone. 5336 Farragut

and the S. A. F.: John G. Esler, W. A. Manda, A. L. Miller, H. A. Bunyard, Wallace R. Pierson, Secretary John Young, Frank Traendly, Patrick O'Mara, A. J. Guttman, Max Schling and others.

A. L. Miller reported on "New York day" at the National Flower Show at Philadelphia. The report follows: The Pennsylvania Railroad has been selected the official route of travel between New York and Philadelphia, Pa., on occasion of New York day, Tuesday, March 28, in connection with the Fourth National Flower Show, to be held at Convention hall, North Philadelphia, March 25-April 2. It is the aim of the committee on arrangements to make this trip a success and they are very anxious to influence as many as possible to attend, and with this end in view will you kindly forward your check for \$3.25, on receipt of which we will send you identification card covering transportation, New York to Broad street, Philadelphia, Pa., and thence to North Philadelphia, also luncheon at Broad street station, Philadelphia,



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5.....	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

in Pennsylvania railroad dining room. The committee has arranged for a special train leaving New York, Pennsylvania Station, 32nd street and Seventh avenue, at 10:00 A. M. Tuesday, March 28th, arriving Broad street, Philadelphia, at 12:00 noon.

There were a number of very meritorious exhibits. Guttman & Raynor, Inc., New York, exhibited Rose Prima Donna (Mme. Paul Euler); also Carnations Peace and Laura Weber, and were given a vote of thanks. J. D. Thompson Carnation Co., Joliet, Ill., exhibited Carnation Aviator, which scored 83 points. P. J. Olinger, Newcastle, Ind., exhibited a scarlet seedling carnation, for which he was given a vote of thanks. P. W. Popp, Mamaroneck, N. Y., exhibited a pan of narcissus and was awarded a vote of thanks. M. Van Wavern & Sons, Ltd., by H. Langelier, exhibited Van Waveren's Giant narcissus and N. potez, and was accorded a vote of thanks.

Alexander S. Burns, the oldest president of the club, who is yet hale and hearty, was present, and gave an interesting talk. A. F. F.

Buffalo.

MARKET OFFERS GOOD VARIETY.

Local weather conditions are no different than what we have experienced in other years—just what March is expected to be—more snow and more wintry weather than in January or February. The supply of flowers is equal to all demands, with the exception of stock in the better grades. Bulbous stock is seen in abundance, and tulips, daffodils and jonquils are fair, both cut or on the plant. Azaleas are coming in and some fine ramblers and hybrid roses are to be seen in the stores. Roses are good, especially Ophelia, Ward, Lady Alice and Shawyer. Carnations are plentiful and the quality is good. The supply of violets is unlimited and prices vary from 25 cents to \$1.50 per bunch. Prospects for an excellent Easter trade are of the brightest. All stock looks good and the growers are well satisfied with their lilies and other plants.

NOTES.

The event of last week was the annual banquet and election of officers of the florists' club, the following being chosen to serve during the ensu-

FANCY FRESH DOUBLE VIOLETS, \$4.00 per 1000

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

L. D. Phone, Central 3067.

ing year: E. C. Brucker, president; Wm. H. Grever, vice-president; Wm. Legg, secretary; Edward Stroh, treasurer; Mark Palmer, financial secretary; Wm. F. Kasting, W. J. Palmer and L. H. Neubeck, trustees. The "only" Ludwig Neubeck was toastmaster, and presided as he alone can fill the station. He called upon our postmaster, who gave his yearly advice and a few other things, such as he can give. W. A. Adams, as usual, responded to the toast to "The Ladies," which is always a pleasant task to him. Mr. McLeish of the Central high school, gave a very interesting talk on salesmanship, which was very instructive.

The Benevolent and Protective Order of Elks are to hold a flower and fashion show in the Broadway Auditorium, April 6-12, and the florists' club are to take an active part in the affair. Gerald K. Rudolph, of the Elks, outlined the proposition, which appealed to the florists and warranted their co-operation, coming as it does two weeks before Easter. It will give the florists a good lot of stock, and retailers, wholesalers and growers will have an opportunity to exhibit their stock and compete for the prizes. The florists' committee are as follows: Charles Schoenhut, chairman; W. F. Kasting, L. H. Neubeck, Mark Palmer, Charles Sandiford, Charles Keller and W. A. Adams.

Mrs. E. B. Lewis, widow of E. B. Lewis, originator of the Niagara grape, died at her home in Lockport, N. Y., March 11. She was one of the first florists to grow flowers in that city, the business in cut flowers being carried on by her grandson, Fred G. Lewis, and the propagating of small fruit is in the hands of Frank B. Lewis, a son and Clarence, a grandson. Mrs. Lewis was over 90 years old, and when the writer had a talk with her last summer she was as active and full of vigor as many women of 60 or 70 years.

The Buffalo delegation to the flower show promises to be a large one, and if it were possible for all to leave at

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter
Mother's Day

Spring Planting
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1 75 per bag
Perpetuated Moss 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN,

ALABAMA

the same time one special sleeper could be easily filled.

With thoughts of Buffalo as of yore, and knowing that the florists were enjoying their annual banquet, those in attendance were agreeably surprised when the toastmaster said: "Boys, have a cigar on Joe Streit." The name of the cigar was Swift, and with best wishes of all to Joe, the smoke was blown out as fast as the name implied, the only regret being that he was not present to enjoy the gathering.

BISON.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND PORTS. 171 WETWOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member of Florists' Telegraph Delivery.

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25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

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For Rhode Island and Connecticut

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New London, Conn., Norwich, Conn. and
Westerly, R. I.

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LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



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LOUISVILLE, KY.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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FLORISTS**

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AND WALDORF-ASTORIA.

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Telephone 2065-2066 Madison Square.

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To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

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LARGEST FLOWER STORE IN THE CITY

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Established 1874.

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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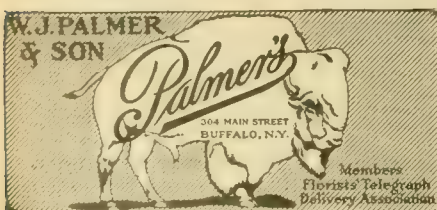
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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorry, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lebortus, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metalrie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocehl, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westery, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chicago.
Schling, Max, 22 W. 59th St., New York.
Smith & Feters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trenel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
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Young & Nugent, New York.

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Artistic Designs.
High Grade Cut Blooms

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Mail, telegraph or telephone orders promptly filled

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Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
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New Orleans, La.—Metairie Ridge Nursery Co.
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New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClellans.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archbas Floral Co.
Terre Haute, Ind.—J. G. Helml & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
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David Clarke's Sons

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Mail or telegraphic orders promptly and most
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Established over 20 Years.

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Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Canada's best known and most reliable florist

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We deliver anywhere in Canada and guarantee
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Deliveries to Steamers and all Eastern Ports

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Trade Directory

Price \$3.00 Postpaid.

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440 S. Dearborn St., CHICAGO

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



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2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
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FLORISTS
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Bramley & Son
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Floral Co.
Main and McKinney Phone, Preston 160

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(Successor to Geo. A. Heint)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
Eli Cross
Orders properly cared for.
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DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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The Angel
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Will fill orders for the West on short notice
Trade discounts. First-class stock.

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"Some Florist"

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
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St. Louis, Mo.
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Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
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THE E. G. HILL CO.

Richmond, Indiana

Are you looking for strong, well grown roses for planting?

We can give them to you.

OWN ROOT

	Per 100	Per 1000
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Bon Silene.....	\$1.00	\$40.00
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Hoosier Beauty.....	10.00	90.00
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White Cochet.....	3.00	30.00
Kaiserin Aug. Victoria.....	4.00	35.00
My Maryland.....	5.00	45.00
Ophelia.....	6.00	50.00

GRAFTED STOCK

None finer in the country.
Absolutely clean.

	Per 100	Per 1000
Killarney.....	\$12.00	\$110.00
Killarney, White.....	12.00	110.00
Killarney Brilliant.....	12.00	110.00
Ophelia.....	12.00	110.00
Lady Alice Stanley.....	13.00	115.00
Mrs. Geo. Shawyer.....	12.00	110.00
Mrs. Aaron Ward.....	12.00	110.00
Bon Silene.....	12.00	110.00
Mlle. Cecile Brunner.....	12.00	110.00
Tip-Top.....	30.00	250.00
Tipperary.....	30.00	250.00

HOOSIER BEAUTY

\$15.00 per 100; \$125.00 per 1000.

The queen of cut flower crimson; this gorgeous rose is coming into its own and will prove its right to a place among the most profitable roses grown. Don't fail to try it.

CARNATIONS

Superb Quality of
March Cuttings.

	Per 100	Per 1000
Alice Coombs.....	\$12.00	\$100.00
Matchless.....	3.00	25.00
White Enchantress.....	3.00	22.50
Beacon (select).....	3.00	25.00
Enchantress Supreme.....	3.00	25.00
Mrs. Ward.....	3.00	25.00
Enchantress.....	3.00	22.50

READY NOW

Good stock planted this year guarantees next year's profits.

THE E. G. HILL CO.

Richmond, Indiana

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

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We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chartard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

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Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....	\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengerii, 2 inch.....	3.00 per 100; 25.00 per 1000
" " 3 inch.....	\$5.00 per 100 (heavy)
Achyranthes Herbstii, dwarf, bright red.....	\$4.00 per 100
Boxwood, full list of sizes now on hand.	
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.	
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.	
FERNS. Boston, fine stock, 2 1/4 inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.	
Fine Teddy, Jr., 2 1/4 inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 4 inch pots, \$20.00 per 100.	
BEGONIAS. Gracilis, Luminosa, Prima Donna and White Triumph, 2 in pots, \$2.50 per 100.	
Azalea Mollis, mixed colors, 15 to 18 inches high.....	at 35c
Heliotrope, 2 1/4 inch, purple in variety.....	\$3.00 per 100
English Ivy, strong, 4 inch.....	\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

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The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

SANTA ROSA, CALIF.—Luther Burbank is recovering from an attack of pneumonia.

ST. PAUL, MINN.—L. L. May, who has had a serious attack of the grip, is again at his desk.

J. CHAS. MCCULLOUGH, of Cincinnati, O., who is at Palm Beach, Fla., landed two large sail fish, March 13.

J. C. VAUGHAN, Chicago, expects to attend the National Flower Show, which opens at Philadelphia, March 25.

MICHIGAN elevator operators have entered into an agreement to sell seed beans for next season's planting at cost.

O. H. DREW, of Los Angeles, Calif., who has been visiting old friends in the east, is ill with pneumonia at Mountain Lake, N. J.

VALLEY, NEB.—The C. Herbert Coy Seed Co. has installed a complete drier system and made other extensive improvements at its plant.

THE death of Asa Eldridge Brown, for many years identified with W. Atlee Burpee & Co., Philadelphia, Pa., is recorded in our obituary column this week.

PROVIDENCE, R. I.—Willis S. Pino is enlarging his present quarters at 41 Washington street, taking the place next door, making the two into one large store.

CRAWFORDSVILLE, IND.—The Crabb, Reynolds, Taylor Co. has petitioned the circuit court to restrain Sherill Herr and Homer Flaningam of the Crawfordville Seed Co., from selling a machine used to separate buckhorn from clover, the Crabb, Reynolds, Taylor Co. having financed the experiments, and it is claimed were to have a half interest in the machine.

JOHN LEWIS CHILDS, Floral Park, N. Y., returned from California, March 11, and says the seed crops generally look good, especially sweet peas. Mr. Childs, on the return trip, stopped at Columbus, N. M., a few hours after the Mexican raid there, and in his opinion, judging from the present frame of mind of the inhabitants of that place, there will be no need of nurses or hospital tents so far as Mexican bandits are concerned.

CHICAGO.—Prices for grass seed on the Board of Trade, March 15, were as follows: Timothy, \$5.00 to \$7.50 per 100 pounds.—The Illinois Seed Co. has purchased from the Chicago Telephone Co., Mary Russell and Anna Zadicek, 126x393 feet on the Baltimore and Ohio tracks at Forty-first avenue and Fillmore street, and plans to improve it in the near future with a large plant. — Leonard H. Vaughan, of Vaughan's Seed Store, made some good scores in the bowling tournament at Toledo last week.

European Seed Crops.

A sojourn of eight months in the various seed centers of Europe has shown the writer the impossibility of relying upon the usual sources of supply. Many growers in the countries involved in the war as well as those following their peaceful occupations outside the war zone are unwilling to take contracts for either biennial or annual vegetable and flower seeds. Anyone travelling through the seed districts of France can not fail to notice the baneful effects of the war. In some regions last year the crops were imperfectly rogued and in several instances this important work was entirely neglected. By this it should not be understood that the French peasant does not recognize the necessity of crop selection. He has been too long on the land not to grasp the importance of this branch of the business. Familiar with all problems of seed growing, he can fully realize the serious consequences arising from improper care, or rather lack of attention to field crops. In some districts the middleman or jobber, who usually places the contracts, is without a foreman schooled by years of service and the requisite knowledge to supervise the removal of rogues. This in itself is a serious condition as upon the supervisor depends the purity of the stocks to a very large extent. The lack of labor is undoubtedly a serious problem and one impossible to remedy until normal times return. Growers appreciate this difficulty and do not take contracts, preferring to sell when the crops have been harvested. It is certain the acreage devoted to seed crops will be decreased.

In the Netherlands also the seed acreage will be greatly diminished. This through no lack of labor, but rather due to unusual conditions. Holland in times of peace has always supplied Germany with large quantities of vegetables. In these days of short supplies German produce buyers abound in Holland. They fill the hotels in the chief centers and pay cash for all purchases. The grower is not slow to take advantage of such a golden opportunity especially as the German representatives are compelled to pay 20 per cent above local market values. These conditions indicate that the usual seed acreage will be lessened materially. The government with a paternal interest in the farmer has prohibited the export of certain seeds when the crop is much below normal, realizing that the farm-

er will extend his acreage for the production of vegetables, and seeds must be retained at all costs if the wealth of the country is to be guarded. Seed growers experienced much difficulty last year in placing their biennial contracts and the same conditions will possibly prevail when contracts for annuals are taken up for consideration.

In England, where the shock of warfare has not been felt so severely as in France, affairs are not so bad. However, Great Britain feels in many ways the difficulties of the situation, principally in shortage of men and horses. Conditions there will not mend now that conscription of single men between the ages of 18 and 40 is coming into force. An increased seed acreage is therefore out of the question.

In Italy many of the leading seed growers are of German origin and most of these have been forced by events to return to Teuton territory. Italy like the other countries above mentioned must naturally suffer through the war demands made upon the working population.

To summarize, seedsmen must be prepared for heavy shortages on account of decreased acreage and for high prices with quality much below the standard usually expected of European growers.

C. M. J.

Clover Seed at Toledo.

March 14.—Lack of demand caused a further break in clover seed of 20 cents in cash prime. Cash and March opened at \$11.10, although March declined to \$10.90 shortly after the opening. Cash continues to lose its premium over March. April was also 20 cents lower at \$9.10. October was 5 cents off at \$8.47½.

Clover rallied slightly, later closing 5 cents over the day's low point in March and prime. Prime closed 15 cents lower than yesterday at \$11.15. March also was off 15 cents at \$10.95. April lost 15 cents to \$9.15, while October closed 2½ cents lower at \$8.50. Alsike lost 10 cents at the close at \$9.40.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

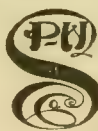
Grand Rapids, Mich.

Mention the American Florist when writing

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

GROWER for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Now In Full Swing

Mammoth Auction Sales

EACH TUESDAY AND FRIDAY AT 11 O'CLOCK A. M.

Rose Bushes, Rhododendrons, Evergreens, Boxwoods, Bulbs, Etc.

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The Largest Horticultural Auction Rooms in the World.

52, 54 and 56 Vesey Street., New York

VALLEY

FROM STORAGE

Bruns' Celebrated Chicago Market Brand, Crop 1915.

 \$20.00 per 1000, \$10.50
per 500, \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Mention the American Florist when writing

Contract Growers Of

 Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

 CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

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SPECIALTIES

 Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

 Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing

ONION SETS?

LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

 Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

 Wholesale Price List for Florists
and Market Gardeners

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

Contract Seed Growers

 Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

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GLADIOLUS BULBS AND BULBLETS.

 Planting stock of Mrs. Francis
King, Augusta and America,
carefully grown and true to
label. Third, fourth and fifth
size bulbs at lowest thousand
rates. We are headquarters
and bulbs bought from us when
matured will bring pedigree
stock prices.

Vaughan's Seed Store,
CHICAGO. NEW YORK.

Mention the American Florist when writing

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

RED FLOWERING GREEN FOLIAGE

	Per 100	Case of 250	1,000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
Brandywine, 4½ ft. crimson bronze foliage...	2.75	6.25	25.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
Duke of Marlboro, 4½ ft. glowing crimson...	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Beaute Poitevine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon.	2.75	6.25	25.00
Dr. Robert Funke, 4½ ft. scarlet.....	5.25	12.50	50.00
Fuerst Bismarck, 4 ft. rich scarlet crimson...	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scar-			
let, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scarlet	2.25	5.00	20.00
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Musafolia, 6 ft., grown for its handsome green			
foliage only.....	1.50	3.50	14.00
Pillar of Fire, 6 ft. to 7 ft. high, bright crim-			
son scarlet.....	2.00	4.38	17.50

YELLOW CANNAS

	Per 100	Case of 250	1,000
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00
Indiana, 6 ft. golden orange striped red.....	1.35	3.00	12.00
Kanzleiter, 3½ ft. pure light yellow.....	1.50	3.50	14.00
R. Wallace, 4½ ft. canary yellow, free. Bet-			
ter than Florence Vaughan.....	1.50	3.50	14.00
Wyoming, 7 ft. purple foliage, orange flowers	1.50	3.50	14.00

RED GOLD-EDGE VARIETIES

	Per 100	Case of 250	1,000
America, 5 ft. crimson gold band.....	1.35	3.00	12.00
Allemanina, 4 to 5 ft., green foliage, scarlet			
and yellow.....	1.35	3.00	12.00
General Merkel, 4 ft. the best scarlet gold			
edge sort. Superior to Madi. Crozy or Queen			
Charlotte.....	1.65	3.75	15.00
Gladiolara, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered			
yellow.....	1.50	3.50	14.00

PINK FLOWERING CANNAS

	Per 100	Case of 250	1,000
Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large.	12.00	27.50	110.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen

Note Change of Address: 128 CHAMBERS STREET, NEW YORK

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

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The Import House

17 Murray Street, NEW YORK

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CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

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For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Always mention The American Florist
when writing.

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

HEATHER!

**Our Stock of ERICAS
Is Exceptionally Fine.**

We offer the following **ERICAS** for growing on for next Xmas blooming. Delivery now. They should be potted into 5 and 5½-inch pots on receiving them, placed in a cool house and plunged outside by May 1st to May 20th.

Blooms Xmas, **Erica melanthera**, from 3 and 3½-inch pots, \$15.00 per 100, white brown eye bell.
 Blooms Xmas, **Erica regerminans**, from 3 and 3½-inch pots, \$15.00 per 100, light lavender bell.
 Blooms Easter, **Erica cupressina**, from 3 and 3½-inch pots, \$25.00 per 100, porcelain pink bell.
 Blooms October, **Erica gracilis vernalis**, from 3 and 3½-inch pots, \$15.00 per 100, dark pink bell.
 Blooms February, **Erica cotonoides Veitchii**, from 3½-inch pots, \$12.00 per 100, white bell.
 Blooms March-Easter, **Erica persoluta rosea**, from 3 and 3½-inch pots, \$15.00 per 100, pink bell.
 Blooms Xmas, **Erica President Carnot**, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.
 Blooms Xmas, **Erica President Felix Faure**, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.
 Blooms Easter, **Erica cylindrica**, from 3½-inch pots, \$15.00 per 100, orange pink trumpet bell.
 Blooms Easter, **Erica ventricosa rosea**, from 3-inch pots, \$20.00 per 100, pink trumpet.
 Blooms Easter, **Erica ventricosa carminea**, from 3-inch pots, \$15.00 per 100, red trumpet.
German Myrtle Bridal, from 3-inch pots, \$20.00 per 100.
Chorizema cordata, from 4 and 4½-inch pots, \$25.00 and \$30.00 per 100, flower color of wall flower, sweet pea shaped.

ARDISIA CRENULATA

Our stock is exceptionally fine, from 8 to 14 branches; they will produce a bunch of fine red berries on each branch. Ready for 5 to 6-inch pots. Get them now.
 From 4 and 4½-in. pots, 8 to 10 branches, \$50.00 per 100. From 5 and 5½-in. pots, 10 to 14 branches, \$75.00 per 100.
Phoenix Roebelenii, ready for 4½-inch pots from 3-inch, \$20.00 per 100.

Charges For Packing At Cost. All Plants Shipped Out Of Pots.

ANTON SCHULTHEIS

COLLEGE POINT, N. Y.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK and Orange, Conn.



H. WREDE LUNEBURG, GERMANY PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.
 1000 seeds, finest mixed...25c
 1 oz.\$2.25

Price list on application. Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,
 Correspondence Solicited. **SWEDSBORO, N. J.**

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Bulbs for Florists and Seedsmen

GLADIOLUS

Grown in the U. S. by Vaughan's Seed Store

	Per 100	Per 1000
AMERICA , Extra, 2¼ to 3-in., thick heavy bulbs	\$15.00	
AUGUSTA , Extra, big ones like above.....	15.00	
America , 1st size.....	1.25	10.00
Augusta , 1st size.....	1.25	10.00
Chicago White , 1st size...	3.00	25.00
Mrs. Francis King , 1st size.....	1.25	10.00
Principes , 1st size.....	2.50	22.00
Mrs. Frank Pendleton , 1st size.....	9.00	85.00
Niagara , 1st size.....	4.50	40.00
Panama , 1st size.....	4.00	35.00
Primulinus Sunbeam , 1st size.....	18.00	
Baron J. Hulot (Dutch Grown).....	2.50	20.00
Velvet King , 1st size.....	3.00	25.00
Hyde Park , 1st size.....	5.00	45.00
Vaughan's XXX Florist Mixture , 1st size.....	1.75	15.00
Extra Fine Mixed , 1st size	2.00	18.00
Good Mixed , 1st size.....	1.00	8.50

And all Other Leaders
 Write for quantity prices

Dahlias, Peonies, Cannas, for the Counter Trade.

Chicago **Vaughan's Seed Store,** New York

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flowering strains. Quality inspected by our Mr. J. C. Vaughan in Belgium.

Single sorts , white, Doz. 100	100c
scarlet, yellow, pink, orange, salmon.....	50c \$3.00 \$25.00
Single Mixed	40c 2.60 23.00
Double sorts , white, scarlet, yellow, pink, orange, salmon.....	60c 4.00 35.00
Double Mixed	50c 3.50 30.00

Caladium Esculentum

	Per 100	Per 1000
5- 7 inches.....	\$ 1.75	\$ 15.00
7- 9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00

TUBEROSES True Dwarf Pearl

	Per 1000
First size, 4-6 inches.....	\$10.00
Medium size, 3-4 inches.....	5.00

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Potato Embargo Removed.

Washington.—An order authorizing permits for importation of potatoes from Canada, subject to new regulations which have been accepted by Canadian government was announced by the department of agriculture.

Canada has agreed that all potatoes offered for export to United States will be free from injurious diseases and insect pests.

Prices of Indoor Fruits and Vegetables.

Chicago, March 14. — Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 15 to 17½ cents, radishes, 35 cents to 50 cents per dozen bunches; celery, 10 to 25 cents per bunch; tomatoes, six baskets, \$1.75 to \$2.25; cucumbers, per doz, 75 cents to \$1.00.

New York, March 14.—Celery per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per drum; mushrooms, \$1.35 to \$1.75 per 4 pound basket; tomatoes, 10 cents to 25 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per strip, \$1.00 to \$1.25; rhubarb, per dozen bunches, 25 cents to \$1.00.

Disinfection of Seed Potatoes.

The treatment of seed potatoes with formaldehyde or with corrosive sublimate has been recommended for many years as a preventive of scab and other diseases carried on the tubers.

Such treatment is, on the whole, profitable, but has several limitations which should be clearly recognized to prevent disappointment, according to the specialists of the United States department of agriculture. Only surface infections are reached by this method. It is only partially effective against deep pits of common scab. Formaldehyde is less effective than corrosive sublimate against the black sclerotia or resting bodies of rhizoctonia or russet scab, and against powdery scab. Neither chemical, as ordinarily used, will destroy silver scurf.

The formaldehyde treatment consists in soaking the potatoes, before cutting, for two hours in a solution made by adding one pint of formaldehyde to 30 gallons of water. The solution can be used repeatedly. The gas treatment is no longer recommended.

Corrosive sublimate is used at the rate of 1-1,000 for 1½ to 2 hours. Dissolve two ounces of the salt in hot water and dilute to 15 gallons. This is a deadly poison. Use with great care. It must also be kept in wood, porcelain or glass vessels as it attacks metal. It is more effective than formaldehyde, particularly against rhizoctonia and powdery scab. Do not use the same solution more than three times as the strength diminishes with each lot of potatoes soaked.

The Market Gardener and the Plant Trade

Each year brings an increase in the demand for well grown plants. This is the natural result of a number of factors. With the advent of electric cars, people were enabled to scatter out more where they could get room for a small or large garden, and now with the almost universal use of the automobile, this tendency is greatly intensified. School gardening is also a factor; and then most of our daily papers and magazines carry departments of gardening or flower-culture. We believe this garden-making tendency has reached such proportions that the market gardeners justly claim it reduces their chances for a successful business. Be that as it may, we have taken advantage of the demand for plants and built up quite a business. Years ago it was only tomato plants, but each year we were urged to add to this line, and gradually we included cabbage, pansies, asters, salvias, peppers, vincas and geraniums. Of these, only the last two are grown in pots; all the others are grown in berry baskets, using the standard quart basket. Nearly all are put up with a dozen plants, except pansies, which are generally four to the basket and offered in bloom. By this method we avoid the lifting of plants, and the use and return of flats. The plants will stand a great deal of handling and exposure without injury. Especially is this a convenient way for wholesaling, as there is no limit to distribution. We have peddlers, grocery stores, market people and department stores as large customers, besides our own retail trade, and the question seems to be one of supply, rather than demand. We have spared no pains to put up a good article, using the best varieties only—good soil and careful hardening before selling. To enable us to push the work of production we have about abandoned the hotbed entirely, doing most of the operations under glass; one of the methods of hardening is the withholding of water at maturity which is often better than exposure to cold winds. The empty baskets are set out on greenhouse benches fitted with screened soil and planted where they are, reducing the handling to a minimum.

MARKETMAN.

Worcester County Horticultural Society.

The annual spring exhibition of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, March 9-10. The hall was very tastefully decorated and the flowers and plants on exhibition were arranged in the form of triangular gardens. The gardens of H. F. A. Lange and E. W. Breed attracted considerable attention. A two-year-old cycla-

men containing 250 blossoms, also furnished by Lange, was much admired. A stand, covered with pine and hemlock boughs on which rested baskets filled with roses, stood in each corner of the hall; these were arranged by Randall's Flower Shop. An orchestra, hidden by greenery on the stage, furnished music for the exhibition, which lasted two days and was attended by large numbers from both local and outside points. The awards were:

Cut flowers—H. F. A. Lange, 1st; Charles Potter, 2nd.

Carnations—Alfred H. Knight, 1st; William M. Esterbrook, 2nd; Paul Brigham, 3d.

Orchids—Mrs. J. C. Whitin, 1st.

Azaleas—H. F. A. Lange, 1st; Miss Lucy M. Coulson, 2nd.

Cinerarias—H. F. A. Lange, 1st; A. W. Hixon, 2nd; Worcester Conservatories, 3d.

Cyclamens—H. F. A. Lange, 1st; A. W. Hixon, 2d.

Cyclamen (one plant)—H. F. A. Lange.

Hyacinths—Miss L. M. Coulson, 1st; A. W. Hixon, 2d.

Primula sinensis—A. W. Hixon.

Primula, varieties—H. F. A. Lange, 1st; A. W. Hixon, 2d; Worcester Conservatories, 3d.

Basket, open face—H. F. A. Lange, 1st; Mrs. L. C. Midgley, 2d; Mrs. W. E. Sargent, 3d.

Narcissi—H. F. A. Lange.

Violets—David C. Murdock, 1st; Charles Potter, 2nd; Mrs. W. E. Sargent, 3d.

Flower garden—H. F. A. Lange, 1st; E. W. Breed, 2nd; A. W. Hixon, 3d; Charles Potter, 4th.

Pansies—S. C. Midgley, 1st; W. D. Ross, 2d.

Snapdragon—W. D. Ross.

Roses—Harry Randall.

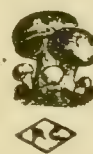
Bay trees—H. F. A. Lange.

Roses—H. F. A. Lange.

Box trees—E. W. Breed.

Seedling carnation—Sidney Winter, 1st; Howard Newton, 2d.

R.



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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

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ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; \$500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

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4½ to 6 inches
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Black Prince
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yellow.
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Growers of Pedigree Tomato Seeds Baltimore, Md.

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SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

NEWARK, N. Y.—John Watson has sold his stock in the Jackson & Perkins Co. to Chas. H. and Geo. C. Perkins.

Regulation of Nursery-Stock Sales.

Little if any foreign legislation apparently exists relative to guaranties of the genuineness of nursery stock. Reports received from consuls in England, France, Germany, Austria, Hungary, the Netherlands, Japan, Australia, and Canada, according to the United States bureau of foreign and domestic commerce, are to the same effect as the following statement regarding the Netherlands:

With reference to the law in this country under which nurserymen are compelled to furnish buyers with trees and plants true to name and the penalty prescribed in the event of misrepresentation, the Netherlands has no special law on this subject, and the obligations of contractors in this particular business are governed by the civil and criminal codes of the country.

Only two countries, Hungary and British Columbia, are reported as having special legislation or regulations relating to sales of nursery stock, and that of British Columbia is directed only against the importation of diseased nursery stock.

Germany.—Consul General Robert P. Skinner reports that there is no special legislation in Germany which applies to careless or intentional deliveries of nursery stock which prove untrue to name. If bad faith were involved in the transaction, the German civil code would cover the case, and action would lie for any damage actually sustained. Practically this legislation is of little value in protecting buyers of nursery stock. It requires years, very often, to determine whether or not the species delivered is true to name. In the United States reputable nurserymen sell under a contract to replace trees or purchase money when mistakes are made, and German practice has not gotten much beyond the same system. The principal German nurserymen are organized as the Union of the German Nursery Owners, whose honorary president replies to an inquiry addressed to him on this matter as follows:

There exists in Germany, or, so far as I know, in any European country, no provision of law or regulation according to which nursery owners are obliged to deliver trees or plants with true statements of their names—that is to say, under guaranty as to their variety. The owners of nurseries of most of the provinces have engaged in a contract with their respective chambers of agriculture, according to which the nurseries give a guaranty for the correctness of the variety of delivered fruit trees.

Hungary and British Columbia.—Consul General William Coffin, at Budapest, reports that Hungary has no specific laws or ordinances governing the sale by nurserymen of plants and

trees true to name, although vine growers are quite effectively protected by an ordinance issued in 1896 in which the different varieties of grapes are minutely described.

Consul General Robert E. Mansfield, Vancouver, reports that the British Columbia Agricultural Association's act of 1914 provides that "The Lieutenant Governor in Council may make regulations for the inspection and disinfection or destruction thereof of non-fruit-bearing trees or shrubs which may carry contagion. * * * All nursery stock, trees, or plants imported into this province are subject to inspection at the provincial fumigation station at Vancouver, except in case of palms, fibrous plants grown under glass, conifers, and evergreens."

England.—According to information supplied by the board of agriculture and fisheries, the sale of trees or plants is governed in England by the general law of contracts for the sale of goods, in which connection the Sale of Goods Act, 1893, may be noted. The secretary of the board instances an application of this act in the case of Wallace, Sons, and Wells v. Pratt and Haynes (Law Reports, 1911, Appeal Cases, 394), in which the buyer of a quantity of sanfoin seed was held to be entitled to damages as for a breach of warranty. There is no liability under the act of proceedings for a penalty as for a criminal offense. While the Sales of Goods Act follows the general principles of the law of contract, the special provisions relating to warranty and sale by description or sample are especially pertinent to this inquiry and may be summarized as follows:

SEC. 11 (a). Where a contract of sale is subject to any condition to be fulfilled by the seller, the buyer * * * may elect to treat the breach of such condition as a breach of warranty.

SEC. 13. Where there is a contract for the sale of goods by description there is an implied condition that the goods shall correspond with the description.

SEC. 15 (1). A contract of sale is a contract for sale by sample, where there is a term in the contract, express or implied, to that effect. (2). In the case of a contract for sale by sample there is an implied condition that the bulk shall correspond with the sample in quality.

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is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

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NEWARK, NEW YORK

HEAVY SHRUBS FOR IMMEDIATE EFFECT

ALL GROWING ON OUR OWN GROUNDS.

11,500 Syringas in variety 5 ft.
11,000 Spiraea Van Houttei, 3 ft.-4 ft.
11,700 Honeysuckle, 3 ft.-4 ft.

3,000 Cornus Siberica, 3 ft.-4 ft.
40,000 Privet Amoor, 3 ft., 14-16 branched.
2,300 Lombardy Poplars, 1½-2 in. diameter.

Also Rosa Rubifolia, Spiraea Opulifolia, Silver Maples, specimens, 2 in. diameter.

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Beaudry's Nursery Co.,

Growers For and Designers of
Landscape Improvements **CHICAGO**
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JAPANESE TEA GARDEN

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ROCKERY

of any style made in a short time.

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For the Best New and Standard

DAHLIAS

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Shrubbery

THE CONARD & JONES CO.,
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Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

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Evergreen Specialists Largest Growers in America
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CALIFORNIA NATIVE PLANTS.

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Hybrid Remontant (perpetual)
40 varieties.

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Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Palmsville,
Ohio.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana				
	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10-in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnepig Avenues

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THE ROSE PINK CARNATION WHICH IS ALWAYS IN CROP

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000.

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NORTH ABINGTON, MASS.

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Wholesale Florists

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Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

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CHICAGO

BEGONIAS--Strong 2½-inch Plants

	Per 100	Per 1000
Cincinnati, 2½-in.....	\$15.00	\$120.00
Lorraine, 2½-in.....	12.00	100.00
Chatelaine, 2½-in.....	5.00	40.00
" 3 -in.....	8.00	75.00
Vernon, 2½ and 3-in.....	4.00	

Primroses.

Per 100.

Obconica in bloom, 4-in.....	9.00
" 5-in.....	15.00
Malacoides, 3-in.....	6.00

Geraniums.

Nutt, Pressily, Gen. Grant, strong 2½-in., \$25.00 per 1000. Wilmette, largest and best Pink Geranium, \$50.00 per 1000.

Mesembryanthemums.

Best for Hanging Baskets. Fine Stock 2½-in.....\$25.00 per 1000

All stock guaranteed. Special price on large lots.

Coleus—Six best Varieties.

2½-in.....	\$25.00 per 1000
Curly Queen, best for baskets, 2½-in.....	\$25.00 per 1000

Marguerites.

2½-in.....	\$25.00 per 1000
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Salvias.

2½-in.....	\$25.00 per 1000
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PYFER & OLSEM, - WILMETTE, ILL.

NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5 in , 76c; 6-in., \$1.00; 7-in., \$1.50 each.

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WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

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Rooted Cuttings —of the—
Three New Ones

Nebraska, Belle Washburn, Aviator,
Per 100, \$12.00; one hundred each for \$30.00

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Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.

S. A. Nutt and Buchner.....	12.50 per 100
Poitevine and Ricard.....	15.00 per 100
Buddleia Asiatica.....	\$2.50 per 100
Buddleia Magnifica.....	3.50 per 100

(Rooted cuttings, parcel post.)

Pot plants of either, by express, \$5.00 per 100

Asparagus Plumosus, good value, \$25.00 per 1000

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If YOU are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

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Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand.

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

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Some Excellent Stock.

Liberal Extras for Early Orders.

Size of pots.	100	1000
2¼-in. ABUTILON Savitzii, or 6 varieties assorted	\$2.25	\$20.00
2¼-in. AGERATUMS. White, light and dark blue	2.25	20.00
2 -in. CUPHEAS. Cigar plants...	2.25	20.00
3 -in. CYCLAMENS. 8 varieties...	6.50	60.00
4 -in. CYCLAMENS. 8 varieties.		17.50
Fine plants		
2½-in. BEGONIAS. 8 flowering varieties	5.00	45.00
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5 -in. DRACENA Indivisa.	20.00	
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2¼-in. FUCHSIAS. Double and single, 12 varieties...	2.75	25.00
2¼-in. HELIOTROPE. 3 varieties.	2.75	25.00
2¼-in. MARGUERITES. White and yellow	2.50	22.50
Mrs. Sanders	2.50	22.50
4 -in. PRIMULA obconicas. In bud and bloom	6.25	60.00
2 -in. DOUBLE PETUNIAS. 15 varieties	3.00	25.00
2¼-in. SALVIAS. Bonfire.	3.00	25.00
FUNKIA variegata. Roots.	5.00	45.00
CANNA BULBS. King Humbert.	3.00	25.00
CANNA, Yellow. King Humbert. 3-inch, each, 35c. per doz.		3.50
CANNA BULBS. About 20 varieties	2.00	17.50
50,000 2 and 2¼-in. GERANIUMS. Nutt, Ricard, Poitevine. Montmort, Perkins, Buchner. About 20 varieties	2.25	20.00
2¼-in. IVY GERANIUMS. 8 varieties	3.00	28.00

Correspondence solicited.

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Washington, N. J.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	8.00	75.00
Rex Begonias, 3 in.doz., \$1.00; 100, \$8.00		
All first class stock—Packed right.		

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Elmer D. Smith & Co. CHRYSANTHEMUMS

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Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
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Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3 00	25.00
Milady.....	4 00	35.00
Ophelia.....	5.00	45.00

Bench Plants

	100	1000
American Beauty.....	\$6.00	\$50.00
My Maryland.....	5.00	40.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenli, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. Extra choice heavy 3-in., \$4.50 per 100; 4-in., \$8. SPRENGERI, 3-in., finest grown, \$4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS—Thumb pot plants. 3 to 5-in. above pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100, sure to please. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

Asters. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Simon Mardner, Verveneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordli, 2½-in.	3.00
Erfordli, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithli, 2½-in.	3.00
Chatelaine, 2½-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots	\$ 12.00
Cincinnati, 2½-in. pots	15.00
Mrs. J. A. Peterson (new), 2½-in. pots	25.00
Per 1,000	200.00
JULIUS ROEHR'S CO., Rutherford, N. J.	

Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

Begonias, Superior tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Begonias, Gracilis, luminosa, Prima Donna and White Triumph, 2-in. pots, \$2.50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonia luminosa, (red), transplanted seedlings, fine plants, 75c per 100, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonias, Gloire de Chatelaine, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2½-inch. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

Ardisia crenulata, exceptionally fine stock, from 8 to 14 branches. For sizes and prices see advertisement elsewhere in this issue. Anton Schultheis, College Point, N. Y.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwoods. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Asiatica, \$2.50 per 100; Buddleia Magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. LIL. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Magnificum, 8-9, case of 200, \$11. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladiums, fancy-leaved. Immense stock of choicest varieties. For prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut street, Philadelphia, Pa.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Burbank, Pennsylvania, F. Vaughan, Mrs. Kelsey, Wyoming, Premier, David Harum, Cleveland. Strong 2 eyes roots, \$1.50 per 100, 25 at 100 rate. Cash. W. H. CULP & CO., Wichita, Kansas.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas, Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 123 Chambers St., New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

150,000 choice cuttings for February and March shipments. Order now for immediate or later delivery.

	100	1000
Aviator	\$12.00	\$100.00
Nebraska	12.00	100.00
Pink Sensation	6.00	50.00
Good Cheer	6.00	50.00
Alice	6.00	50.00
Akehurst	6.00	50.00
Champion	3.00	25.00
Matchless	3.00	25.00
Philadelphia	3.00	25.00
White Wonder	3.00	25.00
Ward	3.00	25.00
Benora	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Victory	3.00	25.00

250 of any variety at 1000 rate. Cuttings taken from strong, healthy plants grown for cuttings only. Samples of blooms, showing quality of stock, sent upon request. We guarantee cuttings to give satisfaction. Write us for special quotation on large quantities. ROLF ZETTLITZ, LIMA, O.

CARNATION ROOTED CUTTINGS.

	100	1000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate.	250 or more at 1,000 rate.	

First class guaranteed cuttings. J. D. THOMPSON CARNATION CO., Joliet, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION CUTTINGS—A1 QUALITY
Clean, healthy stock taken from selected plants.

	Per 100	Per 1,000
Mrs. C. W. Ward.....	\$2.00	\$15.00
Light Pink Enchantress.....	2.00	12.00
Afterglow.....	2.00	15.00
Victory.....	2.00	15.00
Bonfire.....	2.00	15.00
White Perfection.....	2.00	15.00

From soil.
White Enchantress..... 2.50 20.00
J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

ROOTED CARNATION CUTTINGS.
Taken from the best stock sold in the Chicago market. Ready for immediate delivery:

	100	1,000
Aviator.....	\$12.00	\$100.00
Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
Victory.....	2.00	15.00
Cerise Winsor.....	5.00	40.00
Enchantress Supreme.....	3.00	25.00
Matchless.....	3.00	25.00
White Wonder.....	3.00	25.00

ZECH & MANN,
80 E. Randolph St., Chicago.

	100	1,000
Enchantress.....	\$2.00	\$18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Rosette.....	2.50	20.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	15.00
Champion.....	3.00	25.00
Carnegie.....	2.00	15.00
Victory.....	2.00	18.00

WIETOR BROS.,
162 N. Wabash Ave., Chicago.

CARNATIONS.
Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS—A1 STOCK.

	100	1,000
Enchantress.....	\$2.00	\$17.00
White Enchantress.....	2.00	17.00
White Perfection.....	2.00	17.00
Ward.....	2.00	17.00

A. T. PYFER & CO.,
30 East Randolph Street, Chicago, Ill.

Carnations—Nebraska, Belle Washburn, Aviator, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, Akehurst, \$6 per 100; \$50 per 1,000. Beacon, Enchantress Supreme, Matchless, Philadelphia, White Wonder, Ward, Rosette, Herald, Benora, White Enchantress, Enchantress, Gloriosa, \$3 per 100; \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.

	100	1,000
Enchantress.....	\$2.50	\$20.00
White Wonder.....	3.00	25.00

SINNER BROS.,
158 North Wabash Avenue, Chicago.

Carnations, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Mrs. Ward, Zoe Symonds, Philadelphia, \$2.00 per 100; \$18 per 1,000. Beacon, Washington, \$2.00 per 100; \$18 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated '916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS, Light
Pink Enchantress, \$12.00 per 1,000. R. P. BOHLANDER, R. F. D. No. 1, Melrose Park, Ill.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. F. Dörner & Sons Co., Lafayette, Ind.

Carnations, superb quality of March cuttings. For varieties and prices see advertisement elsewhere in this issue. The E. G. Hill Co., Richmond, Ind.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Linwood Hall.....	2.00	15.00

YELLOW	Per 100	Per 1,000
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	60.00
Bonnafton.....	2.50	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	60.00

PINK	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seldewitz.....	6.00	60.00

CRIMSON
Shrimpton..... 2.00 15.00
H. E. Converse..... 5.00 50.00
J. D. THOMPSON CARNATION CO.,
Joliet, Illinois.

CHRYSANTHEMUMS.
Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS. Rooted cuttings, fine stock grown cool and in full light. Mrs. Buckbee, Roman Gold, Dr. Enguehard, Chrysolora, Pink Chieftain, Maud Dean, Golden Gold, Chas. Razer, Patty, Smith's Advance, Maj. Bonnafton, Robert Halliday, Unaka, \$2 per 100. \$18 per 1,000, prepaid. New Early Frost, \$5 per 100, prepaid.

JOSEPH BANCROFT & SON INC.,
Cedar Falls, Iowa.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCullum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Carly Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN—Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHS CO., Rutherford, N. J.

DAHLIAS.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored. 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

FERNS, from 2-in. pots, immediate delivery; Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c; 4-in. Boston, 12c; 4-in. Teddy, Jr., 15c; extra heavy. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Ferns, Boston and Teddy, Jr. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Vernon, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Astor, Minn.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Boston ferns from beds, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

	100	1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Pottevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO.,
Springfield, Illinois.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Vland and Pottevine, 2½-in., \$2.50 per 100, \$22 per 1,000. 3-in., \$6 per 100, \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

Geraniums, Nutt, Pressly, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt, \$12.50 per 1,000; Ricard and Pottevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

HEADQUARTERS FOR GLADIOLUS AUGUSTA.
The florists' white, in all sizes; 30 other vars.
—all Long Island grown. Send for list.

GEO. J. JOERG,
New Hyde Park, Long Island, N. Y.

Gladioli, America, \$9 per 1,000; Augusta,
\$11.50; Francis King, \$9.50; Panama, \$35. St.
Louis Seed Co., 411-413 Washington Ave., St.
Louis, Mo.

Gladioli. For varieties and prices see ad-
vertisement elsewhere in this issue. Vaughan's
Seed Store, Chicago and New York.

Gladiolus bulbs, fine mixed. For sizes and
prices see advertisement elsewhere in this is-
sue. I. & J. L. Leonard, Iona, N. J.

Gladiolus cheap to close out, about 40,000
named sorts. C. S. TAIT, Brunswick, Ga.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns,
\$1.25 per 1,000; dagger ferns, \$1 per 1,000.
Natural moss, \$1.75 per bag. Perpetuated moss,
\$3.50 per bag. Caldwell, the Woodsman Co.,
Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns,
\$1.25 per 1,000; dagger ferns, \$1 per 1,000.
Natural moss, \$1.75 per bag; perpetual moss,
\$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage. New
York or Chicago, \$16 per 1,000; \$8.50 per 500;
\$4.50 per 250 pips. Chas. Schwake & Co.,
Inc., 90-92 West Broadway, New York.

Lily of the Valley. Berlin and Hamburg,
cases of 3,000 pips, \$40 each; case of 1,000,
\$14.00; cases of 250, \$4.00. J. M. Thorburn
& Co., 53 Barclay St., N. Y.

Lily of the Valley, cold storage. Bruns celebrated
Chicago Market Brand, \$20 for 1,000;
\$10.50 for 500; \$6 for 250. H. N. Bruns, 3032
Madison St., Chicago.

Lily bulbs, fall delivery. Write for prices.
The Yokohama Nursery Co., Woolworth Bldg.,
New York.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per
100. The Storrs & Harrison Co., Painesville, O.

Heliotrope Centefleur, 2½-inch. Vaughan's
Seed Store, Chicago and New York.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such
as Mme. Emil Mouilliere Avaranche, E. G. Hill,
Gen. De Vibraye, Mme. Hamar, Mme. E. Chan-
tard, 4-inch pots, 4 flowering shoots, 20c; 6-inch
pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8
shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Asch-
mann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c
each; 12 to 15 leads, 50c each. French va-
rieties, strong plants, 45c. ERNEST ROBER,
Wilmette, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100;
5-inch, 20c and 25c each. HENRY SMITH,
Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nur-
sery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100;
\$5 per 1,000. C. L. Van Meter, Monticello,
Iowa.

English Ivy, strong 4-in., \$12 per 100. The
Storrs & Harrison Co., Painesville, O.

MOONVINES.

Moonvines, fuchsias, geraniums, alternan-
theras, lemon verbenas, swainsona, ageratum, 6
varieties; parlor ivy, dusty miller, alyssum,
giant and dwarf; coleus, 10 varieties; Salvia
Bonfire and Zurich, Cuphea, lantanas, 6 va-
rieties; 2-inch, \$2 per 100; \$18.00 per 1,000; 3-
inch, \$3 per 100; \$25 per 1,000. Coleus, ager-
atum and heliotrope, rooted cuttings, 60c per 100;
\$5 per 1,000. R. Vincent Jr. & Sons Co., White
Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture.
American Spawn Co., St. Paul, Minn.

ONION SETS.

ONION SETS. We offer clean, sound and re-
liable onion sets. Samples and prices mailed
upon request. KELLER BROS., Onion Set
Growers, Station "A," East Toledo, Ohio.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers
and Raisers, Southgate, London, England. Im-
mense stock of Cattleyas.

Orchids of all kinds, established and semi-
established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias at a great saving. For varieties and
prices see advertisement elsewhere in this issue.
Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see
advertisement elsewhere in this issue. Joseph
Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Spe-
cial price list on demand. JULIUS ROEHRS
CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes.
H. Plath, Lawrence and Winnipeg Aves., San
Francisco, Calif.

Phoenix Roebelenii, ready for 4½-in. pots,
\$20 per 100. Anton Schultzeis, College Point,
N. Y.

PANSIES.

PANSIES, transplanted seedlings, German
Gold Medal strain, \$6.00 per 1,000; 75c per
100. ERNEST ROBER, Wilmette, Ill.

Pansy plants, giant flowering, \$2.50 per
1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-
in., \$1.50. P. S. Randolph & Sons, R. D. No.
1, Verona, Pa.

PEONIES.

Peonies. Write for list. Peterson Nursery,
Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, 2¼-inch, dbl. sorts. Vaughan's
Seed Store, Chicago and New York.

PRIMULAS.

PRIMULA OBCONICA. Fine stock, assorted
colors, 4-inch pots in full bloom, \$1.50 per
dozen, \$12 per 100. Cash. JOSEPH BAN-
CROFT & SON, (Inc.), Cedar Falls, Iowa.

Primroses, obconica, in bloom, 4-in., \$9; 5-in.,
\$15 per 100. Malacoides, 3-in., \$6 per 100.
Pyfer & Olsem, Wilmette, Ill.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs
and vines, all sizes Amp. Veitchii and clematis
paniculata, 2-yr., 8c. King Humbert and But-
tercup canna, 2½c. Get list. Prices right.
BENJ. CONNELL, florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties
for forcing, 10 to 15 buds, \$1.25 each. Pink
Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds,
\$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready
for delivery in March, carefully selected wood
grafted on the best grade of English manetti.

	100	1,000
Russell	\$12.00	\$100.00
Rhea Reid	12.00	100.00
Hoosier Beauty	12.00	100.00
Ophelia	12.00	100.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

	100	1,000
Sunburst	\$7.00	\$60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress
the advantage of early grafted stock on all
buyers.

BASSETT & WASHBURN,
178 North Wabash Avenue, Chicago.

ROSES.

ROSES, 2½-inch grafted and 2½-inch own
root plants for March delivery.

	2½-in. Grafted.	2½-in. Own Rt.
Russell	\$120.00	none
Killarney	100.00	56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO.,
MORTON GROVE, ILLINOIS.

DISTINCTIVE ROSES:
IT PAYS TO GROW THEM.

CHAMP WEILAND—You need the big money-
maker of 1916. Exquisite in color. Remark-
able in size, beauty and foliage. Ready in
March. Grafted plants, 100 for \$35.00, 250
for \$82.50, 500 for \$150.00, 1,000 for \$300.00.

MRS. CHAS. RUSSELL and MRS. MOOR-
FIELD STOREY—Grafted plants, \$14.00 per
100, \$120.00 per 1,000; own root, \$12.00 per
100, \$100.00 per 1,000.

For prices on standard varieties, write us
for special quotations.

WEILAND & RISCH,
154 N. Wabash Ave., Chicago, Ill.

EXTRA FINE YOUNG ROSE STOCK.
April Delivery.

White Killarney, 2½-in. 1,000
Pink Killarney, 2½-in. \$35.00

For March Delivery.

Hoosier Beauty, 2½-in. \$50.00
Sunburst, 3½-in. 100.00

A. Ward, 2½-in. 35.00

F. J. BENTHEY,
165 Wabash Ave., Chicago, Ill.

ROSES DORMANT STOCK.
Doz. Per 100

Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.
Prima Donna (Madame Paul Euler) (the
Florex Gardens strain). A grand deep pink
bloom; handsome form, strong stem; fine foli-
age, very fragrant, better shaped, deeper color
than Russell. Prima Donna is a money maker!

Plants ready Feb. 15 and later, \$15 per 100;
\$125 per 1,000. Order early. GUTTMAN &
RAYNOR, INC., 101 W. 28th St., New York.

ROOTED ROSE CUTTINGS
100 1000

Ophelia	\$4.50	\$40.00
Sunburst	3.50	30.00
White Killarney	2.50	20.00
Pink Killarney	2.00	15.00
Richmond	2.00	15.00

Satisfaction guaranteed. Ready now.

GEORGE REINBERG
162 North Wabash Avenue Chicago

BULGARIA BENCH PLANTS.
2,000 Bulgaria bench plants in lots of
100 or more, \$6.00 per 100; \$50.00 per
1,000. Now ready for shipment. Will
cut back to suit purchaser.

BASSETT & WASHBURN,
178 North Wabash Ave., Chicago.

AMERICAN BEAUTY ROSES.
Extra fine bench plants, \$7 per 100.

Wietor Bros., Chicago, Ill.

162 N. Wabash Ave., Chicago, Ill.

Roses, 2½-in.: Killarney, Milady, \$4 per
100; \$35 per 1,000. Richmond, \$3 per 100; \$25
per 1,000. Ophelia, \$5 per 100; \$45 per 1,000.
Bench Plants. American Beauty, \$8 per 100;
\$50 per 1,000. My Maryland, \$5 per 100; \$40
per 1,000. Peter Reinberg, 30 E. Randolph
St., Chicago, Ill.

Rose Plants. Grafted and own root. For
varieties and prices see advertisement else-
where in this issue. Poehlmann Bros. Co.,
Morton Grove, Ill.

Rose Champ Weiland, strong grafted plants,
\$35 per 100; 250 for \$82.50; 500 for \$150; 1,000
for \$300. Weiland & Risch, 154 N. Wabash
Ave., Chicago.

Roses, hybrid remontant (perpetual), 40 va-
rieties; hybrid teas, 15 vars.; climbing, 15
vars.; polyantha, 10 vars. W. B. Cole, Paines-
ville, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses, own root and grafted stock. For varieties and prices see advertisement elsewhere in this issue. The E. G. Hill Co., Richmond, Ind.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

SALVIAS.

Salvia Bonfire, strong seedlings, ready to pot, 75c per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veltchii, \$1.50 per pound. Dracena Indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties—Stocks (the most beautiful in the world), Primulas (10 var.) Cyclamens, Cinerarias, Bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Beebe's Early Prolific Tomato. Pkt., 20c; oz., 75c; ¼ lb., \$2.00. Write for English or German catalogue. German Nurseries and Seed House, Beatrice, Neb.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, High class, for the wholesale trade. Grown and exported by L. Clause, Breigny-sur-Orge. (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips, R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Field seed corn. Ratekin's Seed House, Shendoah, Iowa.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

SWEET PEA FLOWERS per 100 sprays, 60c; 500 sprays, \$2.50; 1,000 sprays, \$5. Two and three flowers to spray. Winter Spencers. C. S. TAIT, Brunswick, Ga.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATED, Oct. rooted, 1½-in. pots, \$1.50 per 100. 4-in. potted plants, 5 to 8 leads, 7c. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

FOR SALE.

FOR SALE—Variegated, green and tri-color tradescantia. G. F. ODOR, Iola, Kas.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway. Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Green Cyacine flower coloring for St. Patrick's day, 50c per package (enough for one qt.); three packages for \$1.25. A. T. Pyfer & Co., 30 E. Randolph St., Chicago, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

MISCELLANEOUS.

Heavy shrubs for immediate effect. For varieties and sizes see advertisement elsewhere in this issue. Beaudry's Nursery Co., 700 Railway Exchange, Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 55 inches. Price \$13 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Carnation dye for St. Patrick's day, 1 pkt., 25c; 3 pkts., 60c; 12 pkts., \$2; postpaid. Chas. W. McKellar, 26 E. Randolph St., Chicago.

Easter Plants. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Ericas. For varieties and prices see advertisement elsewhere in this issue. Anton Schulteis, College Point, N. Y.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Sterling Iron reservoir vases. Catalogue on request. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Pruning shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

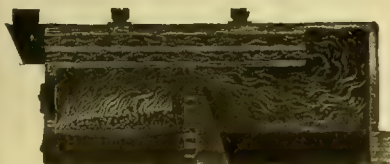
WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E. Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

KROESCHELL BOILER

SEND FOR CATALOGUE



KROESCHELL BROS. CO.
452 W. Erie Street, CHICAGO, ILL.

Oklahoma City.

Business continues to be very satisfactory. There is a good call for flowering plants of all descriptions and the florists are meeting the demand with a splendid line of stock, pans of hyacinths and narcissi being specially prominent. One of the 10-cent stores is making a great run on dormant roses, shrubs, and ten cent collections of vegetable seed and are moving great quantities.

NOTES.

At the monthly meeting of the State Civic Improvement Association, held March 7, Henry H. Horn, of the Barteldes staff, read a paper in which he gave a list of the most desirable annuals and perennials suitable for this region. W. S. Rey, nurseryman, gave a talk on flowering shrubs, and H. S. McClenahan, florist, read a paper on "The Cultivation of the Dahlia."

There is a rumor afloat that the "Busy Pee", a local confectionery store, is going to handle flowers and plants as a side line to its business.

Schuman & Co., wholesale florists of Ardmore, Okla., are shipping a nice line of carnations and sweet peas to this city.

Visitors: Lisle Shoemaker, representing Cordley & Hayes, Fibrotta manufacturers, New York; J. W. Sharp, representing the McCray Refrigerator Co. This firm has now an office and salesroom at 31 West Main street, this city. S. S. B.

Hoboken, N. J.

The store at 515 Washington street, formerly occupied by L. Hanley, has been taken by Anthony F. Dwyer, thoroughly refitted and opened as a first class retail store. He is a brother-in-law to Herman C. Steinhoff, the well-known grower of West Hoboken and West Norwood, N. J. For the past 15 years he has been well and favorably known as a grower and salesman for Mr. Steinhoff.

J. Grulich & Sons, who have stores at 113 Hudson street and 616 Washington street, now conduct the flower department in the Lord & Taylor department store, New York, and are said to be making a success of it.

Although Hoboken is not as lively as it was before the European war began, and the big steamers of the German lines were tied up, business goes on and the florists get a fair share.

M. Hendberg, 415 Washington street, has had a very busy season. He has been located there for a num-



FRANK PIAZZA, HARVEY, ILL.

It is a mistake to suppose that our "All Steel" Construction is adaptable to very wide greenhouses only. Here is a house we just built recently for Frank Piazza at Harvey, Ill.; it is 27 feet wide and 150 feet long and you never saw a sturdier or lighter greenhouse in your life.

We wish we could show you the neat and workmanlike finish we put on every part of our greenhouses. Every rivet in the steelwork is drawn up tight and you cannot tell the two heads apart. Then the neat carpenterwork especially on the gable ends and corners. Our greenhouses are built for permanence and we neglect no details to make our houses a perfect highly satisfactory job. Send for "Proof Book," it is free.

JOHN C. MONINGER COMPANY

CHICAGO
902 Blackhawk Street

CINCINNATI
2309 Union Central Bldg.

NEW YORK
Marbridge Bldg.

EVERYTHING FOR THE GREENHOUSE

STERLING Iron Reservoir Vases



You will find it easy to sell
Sterling Vases.

There is a demand for them everywhere. We want only one dealer in your locality.

Don't delay. Place your orders early.

**The Sterling Grinding Wheel Co.,
TIFFIN, OHIO.**

"EASY TO SELL BECAUSE MADE SO WELL."

**VAUGHAN'S
PERFECTION
SIZE 2½
POINT**

Vaughan's Seed Store, Chicago, New York

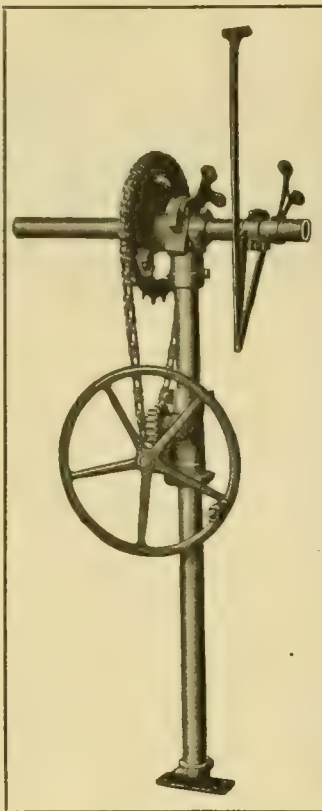
No. 2. Large single thick glass.
No. 2½. Double thick.
No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
No. 2½ (1½) per 1000 60c, 5000 at 55c.

SPECIAL QUALITY

Greenhouse Glass

Write for prices—stating sizes and quantity required.

C. L. Dickmann Glass Co.
Carloads or less. MUSKOGEE, OKLA.



VENTILATING EQUIPMENT

And A Complete Line of GREENHOUSE FITTINGS

OUR Catalog is sent free on request. Illustrations, descriptions and net prices right in the catalog. Write us. We will take care of you right. Remember, "Advance" always stands for quality and service, also an ironclad guarantee of satisfaction to our customers. Ask any of our customers or write to

ADVANCE CO., RICHMOND,
INDIANA.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England



After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.

842 Grandy Ave., Detroit, Mich.

ber of years, has a fine store and handles good stock.

The "Fernery," 914 Washington street, is conducted by F. A. Heffner, and seems to be prosperous. His brother also has a store at 56 Third street.

The firm of Tracy & Burke, Fourth street near Washington street, has been dissolved and Tracy now conducts the business.

In addition to cut flowers, a line of seeds and bulbs is carried at the store of R. Schwoerer, on Third street.

Joseph La Paglia, 162 First street, has a good store and we always find him busy when we call.

The William Frisch Flower Shop, 934 Washington street, is well kept and is doing business. A. F. F.



Paying Houses

When planning for your new houses you no doubt wish to erect the same so that in the course of time you have the best returns from them. You want to consider the **DURABILITY**, the **CONVENIENCE**, the **EFFICIENCY**, and last but not least, the **COST** of the houses. Not one of these points is overlooked in our construction. Write for our sketches and estimates.

Inquire for our **GLASS PRICES**. They will interest you.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material Hardware Hotbed Sash

Greenhouse Construction

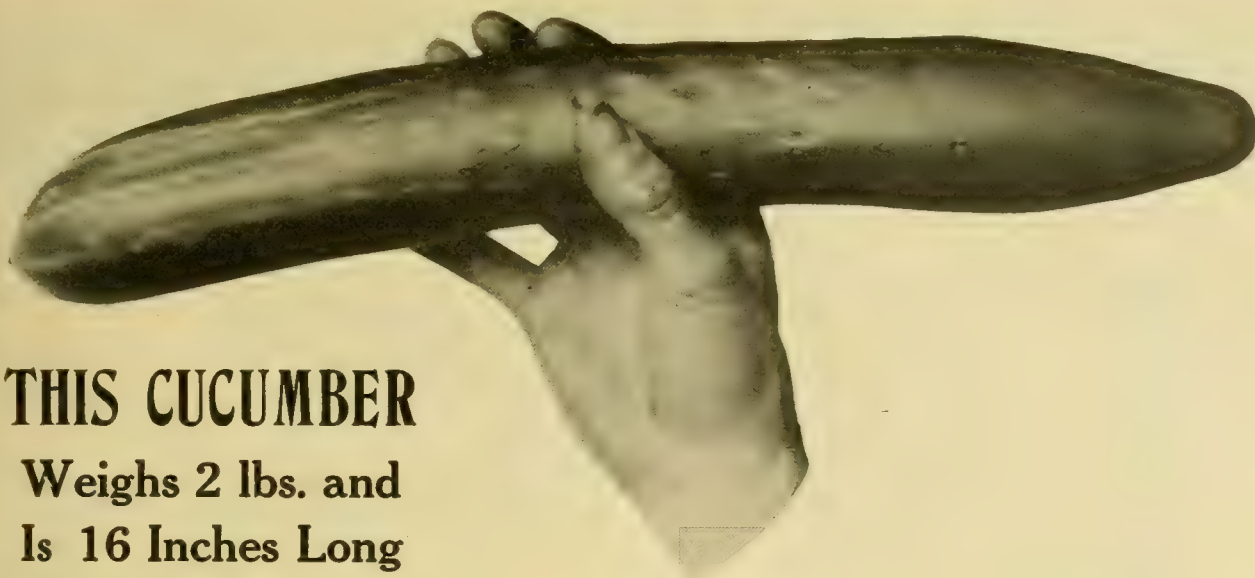
BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

American Florist Co., 440 S. Dearborn St., Chicago



THIS CUCUMBER

**Weights 2 lbs. and
Is 16 Inches Long**

**It Was Grown In Davis & Steiner's Garland Steel
House, 76x900 Feet, at Ottawa, Illinois.**

It was sent to us as a sample of what their new Garland Steel House is producing. Let us build you a greenhouse that grows profitable crops. Garland Cast Iron Gutters last a life time and **we can prove it.** Write today for estimates and plans.

GARLAND MANUFACTURING COMPANY,

DES PLAINES,

LOUIS WITTBOLD, President.

ILLINOIS

Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest
Brightest and Best British Trade
Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual sub-
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numbers, One Dollar. (Interna-
tional money order). Subscribe
today and keep in touch with
European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Mention the American Florist when writing



RESERVOIR VASES

For Cemeteries, Parks and Lawns
MADE OF CAST IRON

The reservoir supplies the plants with
moisture by capillary attraction.

Not necessary to water plants oftener
than once in ten days.

We make nearly 100 styles, ranging in
price from \$6.00 to \$100.00 each.

None better made. Send for catalogue.

Walbridge & Company

The Original Patentees and Makers

Buffalo, N. Y.

Mention the American Florist when writing

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all
the leading carnation growers as the best support
on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices
before ordering elsewhere. Prompt shipment guaranteed

IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

Mention the American Florist when writing



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

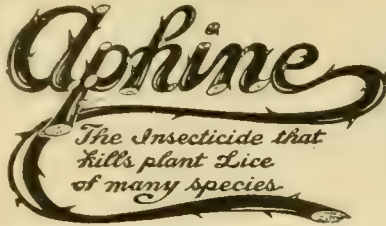


Emergency Pipe Clamps mend splits and rust
holes in iron pipes quickly, surely and perma-
nently. Booklet free.

M. B. SKINNER & CO.
560 W. Washington St., CHICAGO

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y. GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart. \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Ft. Wayne, Ind.

Notwithstanding the advent of the Lenten season and unfavorable weather conditions, business has been exceptionally good, there being an unusual demand for funeral work and flowers for the sick.

NOTES.

M. W. Richards, a member of the Indiana Horticultural Society, spent several days in the city this week gathering data that will be used in a Johnny Appleseed celebration to be held here in April.

O. H. Henry, of the United States department of agriculture, delivered a very interesting address before the College Club, March 11, his subject being "Field Experiments."

The Flick Floral Co. featured carnations March 11, and disposed of several thousand blooms at a special sale.

W. J. & M. S. Vesey continue to cut fine cattleyas. They have a record crop of lilies coming on for Easter.

H. K.

ALLIANCE, NEB.—The Alliance Greenhouses, which have been closed since Christmas, at which time practically all of the stock in them was frozen, have reopened.

WIZARD BRAND

TRADE MARK

PULVERIZED SHEEP - PULVERIZED CATTLE
SHREDDED CATTLE

MANURE

A kind for every use about the greenhouse.

Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago

Kansas City Stock Yards,
Kansas City, Mo.

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East St. Louis, Ill.

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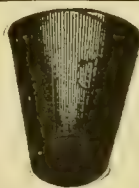
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THE AMERICAN FLORIST



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Vol. XLVI.

CHICAGO AND NEW YORK, MARCH 25, 1916.

No. 1451

THE AMERICAN FLORIST

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Address all correspondence, subscriptions, etc.,
American Florist Co., 440 S. Dearborn St., Chicago.

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Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; WM.
F. KASTING Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
delphia, Pa., March 25-April 2. For premium
list and all other particulars address JOHN YOUNG,
53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
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Wayne, Ind., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held
at New York, September 24-26, 1915. Officers:
RICHARD VINCENT, JR., White Marsh, Md., Presi-
dent; JOSEPH J. LANE, 11 West Thirty-Second
Street, New York, Secretary; F. R. AUSTIN,
Tuckerton, N. J., Treasurer.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary.

BUSINESS BUILDING LETTERS.

A Florist's Letter.

The Park Floral Co., Denver, Colo., makes use of a great variety of printed matter and the letter herewith is considered among the best of its productions along this line:

For reasons explained below, it will be best to order your lawn fertilized during February or March—the first time it is temporarily bare of snow.

Your lawn grass goes hungry through the winter because little food is available for the roots to seize and absorb.

When the spring thaw comes, the roots grasp all the nourishment within their reach, and so the nourishment should be there for them.

Water is a drink for grass, just as it is for animals. It helps, but it doesn't take the place of substantial food. Neither is it a good plan to put on solid food late and then try to wash it down to the roots with vigorous sprinkling.

The better plan, the plan that brings the early, healthy, robust lawn, is to spread the food before the late snows of winter and let the melting of these snows carry the food down to the roots gradually and in its original richness.

The melting snow does not wash out and dissipate the richness of fertilizer as does hose sprinkling. That's the first point.

The second point is that by having the fertilizer under the snow, the grass gets its breakfast early and is ready to go to work by the time the snow is gone.

As a third point, remember that fertilizer carried down with the melting snow is well out of sight as soon as the snow is. The early lawn looks infinitely prettier—and isn't tracked over onto the walks and cut up by wheels and heels while it is still soft.

Now, the gist of all this explanation is our original statement, that it will be best to order your lawn fertilized during February or March—the first time it is temporarily bare of snow.

You don't need to have us do it, but have somebody do it. Not on their

account, or on our account, but on your account. The result will be so much more satisfactory to you when spring comes.

If you want us to do it—and certainly we would be very glad to have the order—it will cost you \$6 for the ordinary lawn of a lot and a half. This charge is based upon two cubic yards of the very best screened cow and sheep fertilizer at \$5, and a careful spreading by our experienced men at 50 cents per cubic yard; or if you need only one cubic yard, it will cost you \$3; the spreading, 50 cents, if you want us to do it.

Suggestion: Why not phone us your order now, to cover your lawn the first time it is sufficiently bare of snow? Then the late March and April snow will do the rest.

York 2999.

Or call at the store, 1643 Broadway, or the greenhouses at Colfax and York.
PARK FLORAL COMPANY.

Many visitors will see Denver this summer; every fine lawn will help make a pleasant impression. And perhaps, too, you will have personal guests.

[A tuft of grass inserted in slit at top of this letter at once interested the recipients.—Ed.]

A Seedsman's Letter.

The following seedsman's letter was recently published in *Printers' Ink* as one of a series of business letters which produced results:

Here is a letter quite different from the usual selling letter, yet it produced results probably in excess of that which any direct selling letter could have produced. It is just another application of the old principle of selling, that which an article accomplishes in the way of results rather than the bare article itself.

The letter ran this way:

"Here is a true tale of two factory owners. We'll call them A and B. Both operate large mills—both use practically the same grade of materials, have similar equipment, pay

their workmen the same scale of wages and turn out the same kind of a commodity.

"And yet A's goods are recognized everywhere as better quality than B's and sell faster at a better price. Where does the difference lie? In the spirit which exists in the men in A's factory. They are loyal—they take a personal pride in their work—and they turn out a higher class of goods than B's men.

"Every resident of A's city is a member of a boosting committee. They are constantly telling of A's beautiful plant and his high grade article that is sold all over America.

"The people of B's town refer to his plant as 'the dirty factory.' They never speak of it to outsiders. There is nothing to cause employees to take pride in their factory—they do their work half-heartedly. No wonder their work is poorer.

"No better investment can be made, Mr. Manufacturer, than the expense of beautifying and maintaining attractive grounds. Once a start is made in this direction you will be surprised to see how much can be accomplished at a comparatively small cost.

"A general clean-up—the removal of all unsightly rubbish and the miscellaneous piles of material will make an improvement of 100 per cent. Then start a little ivy to cover the bare walls. Plant some trees at either side of the entrance, plant a double row of shrubs and cover every available bit of space with nature's carpet of green grass.

"Grass will thrive almost anywhere if given half a chance. The ground should be well broken to the depth of one foot—all the rubbish raked out—the soil enriched with fertilizer—rolled—and finally seeded. Sow with the best grass seed obtainable and sow thickly. No room for weeds to grow then.

"While the grass is getting a start soak thoroughly once a week. Don't sprinkle lightly—this is injurious, causing roots to turn up and the grass to die—but soak it good.

"If the grounds are large it will pay you to avail yourself of the services of a reputable landscape architect.

"Give this matter your most careful consideration. Talk it over with the proper officials—and get busy. Don't miss any longer the dividend-paying power of good grounds.

"There's a booklet attached about grass seed that will help you avoid mistakes. When you're ready to talk business, we will make you a price on your requirements that will insure us your business."

School Garden Profits.

County Superintendent of Schools Edward J. Tobin's annual report shows an increase of 99 teachers in the schools for 1915. "During the last year," the report reads, "field and garden school home projects have been put into the school course of study. Twenty-five hundred pupils took this work, cultivating land rented from their parents as part of their regular school work. One boy, Herman Bosch, of Orchard place, made \$370 from an acre of pickles. About 300 pupils were 'drowned out' and made nothing. The total amount earned will exceed \$15,000."—Chicago Tribune.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Easter is Coming.

Easter, the greatest flower holiday of the year, is fast approaching. It is one of the business opportunities, that if properly taken advantage of in a careful, painstaking, systematic, business-like manner, is almost certain to show a handsome profit. Too much care or systematic planning cannot be given to this work. Where so many customers are to be served in such a short time, every available facility for the quick and correct handling of the business should be gone over and made as smooth working and perfect as possible.

One of the important features of the work is to examine carefully the order sheets of last season, getting a line on, and bringing to mind what was purchased by the best customers. This should be noted, and all important patrons should receive letters describing the special features of the new stock and pointing out the advantages of early selections. These communications can be made doubly effective if enclosed in a box of a few choice flowers. In gifts of this character, always see that the flowers are fresh and in perfect condition.

Before ordering any stock, study carefully the record made of last year's business; it will bring to mind much that had been forgotten, and will greatly aid in the selection of this year's list. Well grown plants are seldom left over—it is the cheap, medium stock that is ordered along with the good, just to oblige, that misses fire, and much of which finally becomes a

dress tags and card envelopes, should be ordered early, so as to be surely on hand and not a cause for worry at the rush time. Light crated cases for the shipment of plants by express should be in readiness, as packing is greatly facilitated with these at hand. The stock of plant baskets should be gone over; quite a few apparently dead pieces can be revived and repaired, and when touched up with paint or gilt, made quite presentable. Many florists give little attention to this attractive feature of the business, (baskets for growing plants), thinking them too much trouble, but others are well satisfied and find ready sale at good profit for nicely arranged baskets. Trellis boxes, large enough to hold plants from six-inch pots, filled with baby rambler roses for the trellis, together with other flowering plants, spring bulbous stock and ferns make a very attractive Easter special. Crate boxes, from the box maker, to hold these should be on hand for out-of-town orders.

An important matter is to engage the extra help in good time; better a few competent persons than twice the number that have to be kept under surveillance all the time. Very excellent assistants can, at holiday times, such as Christmas and Easter, be obtained from the colleges of any large city. The students, who are generally bright young men, having a few days off are glad to come and earn a few dollars in this way.

The advertising is an important matter. A well-written circular to the mailing list of customers is always productive of good results. This list is a most important asset, and should be added to at every opportunity. Quite a few patrons who buy more or less



SPRAY OF OPHELIA ROSES.

total loss. The last season's record will also show the amount of wreaths and other cemetery pieces that were disposed of. As many of these are regular orders, the forms can be made ready, and where the foundation is of magnolia leaves, made up. A quantity of extra wreaths should also be made for stock, available for this busy time.

Every kind of supplies that will be required, such as boxes of all sizes, ad-

regularly, pay cash, and their names should invariably be added, so that they receive all the literature of the business. The names of all deceased persons should be carefully removed as they occur.

Care in handling stock for delivery is very important—the grower has done his part, and a handsome plant is the result. It is sold at a good profit. Now comes the delivery. If you fall

down here all is lost; therefore, every precaution should be taken in the wrapping. It may mean an extra man or two at the last, but the cost will be trifling, and it pays, as the delivery in a bad condition of only one plant may mean the refunding of several days' wages. Particularly should all lily flowers on the plants be tied up with tissue or other paper to protect them. It should be one man's work to direct the deliveries. A list with the addresses and number of plants for each lot should be ready for the wagon or car when it arrives, thereby greatly facilitating the work.

Sprays.

The accompanying illustrations show examples of every day's routine work that is after all, the bread and butter of the business, for to take away the wreath and spray would wind up about three-fourths of the retail stores. About 50 years ago, a small grower, whose business consisted almost entirely of producing bedding plants, which he sold at retail on the curb market of Philadelphia, was asked for some cut-flowers for a funeral. Seeing that no charge was made, he was asked why, and answered: "Charge him? The poor man has trouble enough; I could not think of taking his money." This was before the day of the retail stores and the custom of remembering or paying tribute to departed friends with floral offerings did not become general for some time after this.

The larger spray, composed of Ophelia roses, is a very showy cluster. What a magnificent flower is the Ophelia! It appears to have the good qualities of all existing varieties crowded into one. It is clearly the forerunner of a new type, with its strength of stem, grand foliage, texture of the petals, magnificent form and exquisite coloring. It is the rose sensation of the year. The special feature of the spray of My Maryland is the little knot of Sweetheart roses, placed in the center on top of the ribbon bow. Such a touch as this makes the piece doubly attractive. It is sure to be noticed and favorably commented upon and the cost of such an addition is trifling and is well worth the trouble. A knot of anything different from the flowers comprising the spray will in most cases be found appropriate. It can be placed in the bunch near the bow, or, as in this case, in the center of the ribbon. A chiffon ribbon bow is scarcely enough for a spray of any size. It serves as a good background when used as a foundation for a medium width bow of satin or taffeta. K.

Minneapolis Florists Fight Discrimination

In protest against non-enforcement, or partial enforcement, of city ordinances pertaining to the uses of sidewalks for the display and sale of merchandise, the Minneapolis Florists' Club and the Minnesota State Florists' Association adopted resolutions, March 15, authorizing their respective executive committees to take such action as may be necessary incident to the enforcement of said ordinances.

It is alleged that Minneapolis florists are being discriminated against in favor of fruit vendors and confectionery dealers. According to the Minneapolis ordinances, no person or persons shall place or allow to be

placed on any sidewalk in the city or suspend over the street, any goods, wares or merchandise for sale, show or otherwise, beyond the front line of the lot where such may be placed, and the section relating specifically to fruit stands, etc., states that no person shall keep or place any table, stall or booth or other erection in

Parcel Post Threatened.

Do you believe in the parcel post? Are you for it? Do you want to see it survive and be extended and improved and become the great, cheap, effective servant of the people it ought to be?

Are you with the public in its long fight against the express companies? If you are, you have no time to lose.



SPRAY OF SUNBURST ROSES AND WHITE BUDDLEIA.

any street, lane, alley or public place, or on any square or sidewalk in said city for the sale of fruit or other things. The enforcement of these ordinances is vested in the chief of police, who is under the direct supervision of the mayor and subject to his absolute direction. As set forth in the resolution of the Minneapolis Florists' Club, in the past the mayor and the chief of police of Minneapolis have seen fit to disregard the purposes and objects sought to be obtained by the ordinances and have failed to compel the strict observance of them, and have set aside and nullified the said ordinances by non-enforcement, or by only a partial enforcement, and have by such partial enforcement discriminated against certain persons in the city of Minneapolis and against members of the Minneapolis Florists' Club in particular, in favor of certain other persons and businesses, and in particular in favor of vendors of fruit and fruit stands.

The club takes the position that the enforcement of the ordinances are of great benefit from the point of sanitation, and that the sidewalks and streets of the city are for the general use of the general public, and the observance of the law is of great benefit to all merchants and shop-keepers.

In its protest, the local organization is supported by the state body, and the executive committees of both are authorized to co-operate with other persons, associations, clubs and societies in their efforts to remove the unsatisfactory conditions.

The resolutions were also presented by John G. Taylor, president of the florists' club at a meeting of the Minneapolis Retailers' Association, and that body voted to approve the stand taken by the florists' organizations.

T. C. R.

The express companies, that kept us so long from having any kind of a parcel post, and have tried ceaselessly to wreck what we now enjoy, have played their cunningest trick against it. They have slipped over in the national house of representatives that snaky, sneaky Madden amendment to the post office bill that they tried so often in the last session to put through. This time they waited until only a few members were present and then tricked the thing through.

It limits the weight of parcel post packages, and what is still worse, deprives the post office department of administrative control of the system, so that it can be progressively reduced and hampered until it is destroyed.

This most vicious device now goes to the senate and on March 24 there will be a hearing on it before the Senate post office committee.

Lose no time. Write at once or telegraph to your congressman and senators urging them to work against this most dangerous and threatening trick of the corporations. Write to every member of the senate post office committee. Here are the names:

Senator John H. Bankhead, Alabama, chairman; Senators E. D. Smith, South Carolina; C. A. Swanson, Virginia; N. P. Bryan, Florida; J. E. Martine, New Jersey; J. K. Vardaman, Mississippi; T. W. Hardwick, Georgia; J. C. W. Beckham, Kentucky; Boies Penrose, Pennsylvania; C. E. Townsend, Michigan; T. B. Catron, New Mexico; L. B. Colt, Rhode Island; J. W. Weeks, Massachusetts; Thomas Sterling, South Dakota; G. P. McLean, Connecticut.

CHARLES EDWARD RUSSELL.

LOOKING AHEAD.

Easter Preparations.

Easter, the great flower day of the year, is now almost at hand and the growers and retailers must both be prepared to meet the demand that will probably tax all the ability and capacity possessed. The grower has, of course, been a long time making preparations to have the stock in the pink of condition and the retailer should also provide himself with all the necessary stock and accessories at as early a date as possible. The supplies should be procured at least two weeks before the great day, so that the energies of all the force can be expended upon finishing the product, waiting upon the trade and seeing that the deliveries are properly made and the decorations arranged in an artistic manner. The stock of baskets for plants, ribbons and decorating them and tying the flowers, paper, boxes and numberless other supplies should all be looked over and where necessary replenished. It is poor business to wait until the last minute and worry over these details which can be attended to early and take time that can be more advantageously spent with the other necessary work. There will probably be something called for, the sale of which cannot be foreseen, so it is best to get everything that it is known will be required as early as possible.

Whatever plants are to be procured should be ordered early, and wherever it is possible a visit made to the growers' houses and a personal selection made. The winter has been unusually trying, with prolonged dark weather, and it has been difficult in many cases to keep up the right temperature, and even where the heat has been maintained the plants have been retarded, so that much will depend on the three weeks before Easter to have them in the best of condition, and it will pay the buyer to look over the stock. This should be done early, for the large buyers sometimes place their orders two months before Easter in order that they may be assured of the stock and of a good selection. No two plants grow alike and although as far as description go they are the same, in pot, size and bloom, yet placed side by side one may be much more valuable than the other, so there is much in selection, and it is a great advantage to anyone to go and inspect the plants in the greenhouses and to pick out the ones desired and have them held until the proper time of delivery. If baskets of plants are to be made up, and this is one of the growing features of the Easter trade, a supply of small ferns, asparagus and other greens will be necessary to properly finish them and these can be obtained at any time and be on hand when wanted. To successfully conduct a business when such a large increase for a few days is expected, it is necessary to do everything that can be done previous to the demands of the customers and at as early a date as possible.

Easter Plants.

Easter has become a great plant day, not only for church decorations, but it has also been a growing practice with the public to make presents of blooming plants to friends at this time. First among these are the lilies which are grown by the thousands for the day. With all the disadvantages of

weather and temperature which the grower has experienced this year, it looks as if the supply would be good. The general reports are that most of the stock is of excellent quality. The prices quoted, notwithstanding the increased cost of growing, are about the same as in previous years. Next to the lilies are the azaleas, and these are in very fine condition. The varieties grown are those which have attained the greatest popularity with the trade: Mme. Van der Cruyssen, Prof. Wolters, Empereur de Brazil, Niobe, Dr. Moore, Apollo, Bernard Andrea Alba, De Schryveriana and others not so well known. Bulbs are always grown in great quantities for Easter and thousands of pans of tulips, narcissi and hyacinths are annually bloomed for this great flower day. They make a gorgeous show and are emblematic of the awakening of spring which Easter symbolizes, and as they can be procured and marketed at a low price they are great favorites at this time. Lily of the valley in pans are one of the most popular Easter plants and these when well grown find a very ready sale.

Plant Baskets for Easter.

The sale of plant baskets at Easter is made as important a feature as it is at Christmas and they occupy a prominent place in the trade of the principal stores. They can be made up in beautiful combinations at this time, for there is a wealth of material for this work. The baskets can be procured at very low prices with metal pans in which the plants are placed, and by careful planning and buying, taking combinations can be put up at

time getting good returns for what would otherwise be a loss. This is a line of the business which ordinarily requires a fair degree of salesmanship to properly show the advantages of these beautiful offerings, but when they are properly put up and well shown they are a valuable feature of the Easter trade.

Rambler Roses for Easter.

The rambler roses now occupy a very important place with the principal stores. The great improvement in varieties which has been made during the past few years has enabled the grower to present these beautiful plants in a great variety of colors ranging from the brightest crimson through the shades of pink to white, and the Baby rambler produces a fine small plant well covered with bloom. The ramblers are grown not only in bush form, but in many grotesque shapes, being trained as ships, umbrellas and in basket form. Hydrangeas, if well bloomed, are among the most popular Easter plants and they are very decorative, either in church or residence. While these can never be grown and offered at low prices, for a plant with four to six large heads will require much valuable space for a long period, yet they last a long time in bloom and the purchasers get their full value if they will but take proper care of the plant. Spireas are one of the best low-cost plants of the time. The older varieties make a splendid show for a little money and can be used very largely in church decorations. In selling the plant or in placing it in a decoration be sure that it is well watered before it leaves the store or greenhouse. Genistas are grown in quantity for Easter and many growers have them in fancy forms, such as baskets, pillars, pyramids and balls.



GEORGE WITTBOLD CO.'S OLD GREENHOUSES IN CHICAGO, SHOWING THE GARLAND CAST IRON GUTTERS THAT WERE IN USE FOR OVER 20 YEARS.

reasonable prices. A point that seems to be lost sight of by many growers is that in these plant baskets or boxes can be used much stock that cannot be disposed of in any other way. The most successful and careful grower of plants is sure to have some that are not perfect specimens, either growing more or less one-sided, or having one part not well covered with bloom; and these can be used advantageously in their plant combinations, making the basket less expensive and at the same

Another yellow flowering plant that is highly regarded in some sections is the acacia, beautifully grown specimens of these plants being displayed by the large dealers. Cyclamens in splendid shape are invariably offered for Easter and primulas, especially *P. obconica*, are grown extensively for sale at this time and many of the heaths are produced for the Easter trade. Another beautiful plant that is largely grown is the bougainvillea, and splendid specimens are produced of this showy plant and they always attract attention.

The Garland Cast Iron Gutter.

The accompanying illustrations are very interesting and show that the gutters often outlast the other materials and is the real life of a greenhouse. The first illustration shows the George Wittbold Co.'s old greenhouses in Chicago that are being torn down to make room for a modern apartment and store building and in which the Garland Cast Iron Gutters were used. The second illustration shows the first house of their new range at Edgebrook, Ill., which is being equipped with the Garland Cast Iron Gutters that were in use for over 20 years at their old Chicago range. Louis Wittbold, president of the George Wittbold Co., is more than pleased with the lasting qualities of this gutter and is confident that it will last a life time. Every one of their houses have Garland gutters and the same kind will be used in the other new houses that they will build this spring.

Lancaster County Florists' Club.

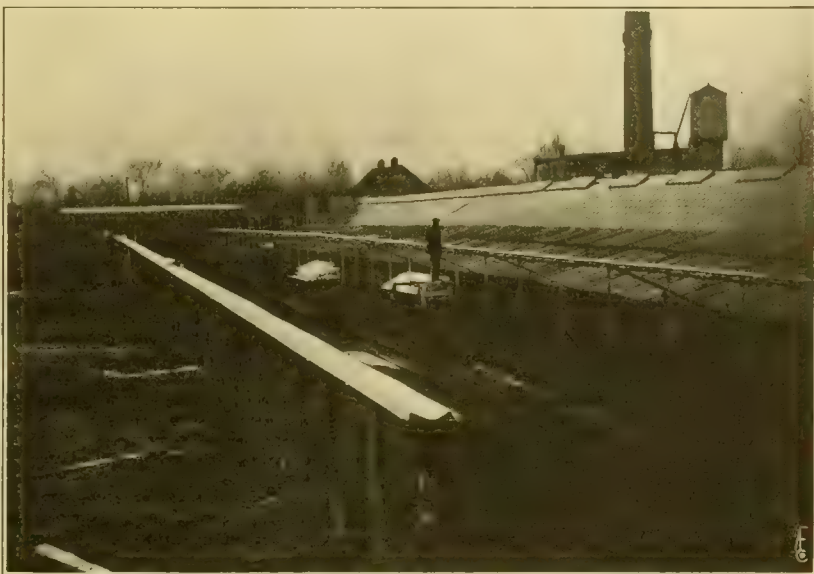
March 16 was one of the record cold days for the season, but it was not cold enough to dampen the ardor of the members of this club, and we turned out 20 strong for the visiting trip to Maurice J. Brinton's range at Christiana, Pa. Mr. Brinton is one of the large lily forcers of the country, and ships out lilies every day of the year. In addition to the lilies he forces narcissi by the hundred thousand, and just as a side issue, has four of the finest carnation houses in this section. Among the good things in carnations was a bed of Victory, as fine if not finer than it ever was, in what is generally known as a carnation's prime, in its first 10 years, demonstrating that there is no occasion for a carnation to run out if it is properly propagated and intelligently handled.

Returning, it was a succession of stops, the first being at the establishment of J. Rutter Hess & Son, of Gap, a carnation place with a little side line of vegetable plants. Mr. Hess is one of the few growers in this section not partial to Matchless, and the reason could be seen in an extraordinarily fine house of White Enchantress.

The next stop was at Ira Landis' range at Paradise, and as one naturally expects good things in Paradise, we were neither surprised nor disappointed. Princess Dagmar and Yellow Prince are trying hard to get Mr. Landis into the royal family. Matchless, Benora, Mrs. Akehurst and some of the older varieties are all working hard and giving results that count for the financial end of the business. Mr. Landis grows as side lines freesia, myosotis, calendula and Spanish iris, and, of course, grows them well. After taking a good look over the crowd, Mr. Landis concluded we were cold and hungry, and treated us to some of his home-made wine and home-baked cakes, proving that the household end of his establishment was up to the standard of the greenhouse end of it. I remember some years back when a vase of carnations took first prize at one of our carnation society shows, and after the prize was awarded we found that the flowers had been cut just about seven weeks before the show and kept in a wine cellar, and then carried about 500 miles to the show. It occurred to me that the fact that Mr. Landis stores his gladioli bulbs in close proximity to this wine may be the secret of his fine gladioli, and as one thought follows another, if this wave of prohibition that is sweeping over the country reaches us we will have a good excuse to continue our wine cellars for the preservation and perfection of our flowers.

The next and last stop was at the Weavers' establishments at Ronks, Pa.,—establishments because there are two brothers, Charles and Elmer, running two separate bank and expense accounts, but with greenhouses so intermingled that one never knows on whose ground one is treading. Charles M. Weaver is the sweet pea grower, and has them in three hundred foot houses lengthwise, about fifty wide, and apparently miles high. He is cutting immense quantities of high-class flowers and making two shipments daily. In addition to the standard sorts, he has some of his own produc-

began by giving us a bit of history connected with Holland, telling us how Holland fought its enemies on land and fought back the sea with its dikes, until today it is the garden spot of the world from a bulb growing point of view. Starting with the growing of bulbs for pastime and pleasure, it gradually grew into the business we know today, the commercial beginning of it being about the end of the sixteenth century. Enormous prices were paid in those days to secure possession of special varieties; as an example, one very rich merchant who thought he owned all there was of a certain



GEORGE WITTBOLD CO.'S NEW RANGE, EDGEBROOK, ILL., EQUIPPED WITH THE 20 YEAR OLD GARLAND CAST IRON GUTTERS USED AT ITS OLD CHICAGO PLANT.

tion, and unless Zvolanek, Burpee and the other California growers have some surprises in store for us, they have nothing on Charles, for he is growing by the thousand a beautiful blue and two pinks that are head and shoulders over all others of the same color. Elmer Weaver has the carnation end of the place, and has added Ten Weeks stock with wonderful success, judging from the plants and the blooms they are producing. He is going into the perennial plant business in an experimental way, and has some 75 varieties of seed sown, about 40 of which have germinated for him. Asters are a feature here, and there is now somewhere close to a million plants started in paper pots. When these are in their prime a summer trip will be arranged to look them over.

Mrs. A. M. Herr kindly acted as hostess to our distinguished visitor. Richard Vincent, Jr., until we came back to Lancaster at 5:45, when a little party of nine took dinner with him, and immediately thereafter adjourned to the club rooms for the evening meeting. The business end of the meeting was hastened through, four new members being elected as follows: Robert G. Antes, Frank Hauck, P. Murphy and W. M. Hahman. At the instigation of the writer, the club voted a donation of \$50 toward purchasing a site for an armory building, which could be used for flower shows, etc.

In a few fitting remarks our president, Harry Schroyer, introduced Richard Vincent, Jr., of White Marsh, Md., as speaker for the evening, his subject being "The Bulb Fields of Holland." The ladies had been invited and quite a goodly number were present; in fact, it almost became a problem to seat the audience. The speaker

variety discovered that a Frenchman near Paris had the same variety. He started for Paris, bought the Frenchman's stock for 1,000 ducats and destroyed them so that he would have full control of the variety. One bulb of Viceroy, a hybloemen variety, was exchanged for the following articles: Two loads of wheat, four loads of rye, four fat oxen, eight fat pigs, two hogsheads of wine, four barrels of eight florin beer, two barrels of butter, one thousand pounds of cheese, a complete bed, a suit of clothes and a silver beaker, which at their current valuation were about the equivalent of \$1,050 of our money. Tulips and hyacinths are, of course, the principal bulbs grown, but narcissi are being grown in increased quantities, with prospects of having this flower given to us in a greater variety of colors every year. This was followed up with his wonderful collection of slides and a short description of the important ones. They showed what the Hollander does with his hard-fought-for ground, and how he uses every inch of available space. His pictures of the Haarlem exhibition gave us an idea of how to make attractive the bare spots under trees with beds of bulbs, and the indoor or tent exhibits gave us some pointers that will be used in the next Lancaster flower show this fall. Mr. Vincent's remarks, connected with his slide of the Covent Garden market, so thoroughly coincide with what I have been preaching for some years myself, that they are given as nearly as I can remember them here. "This wonderful market where plants and flowers of all kinds are sold in quantities unbelievable by us Americans was a revelation. The Englishman, with a much better climate for the growing of flowers in window boxes and for his

home ornamentation, does not plant a window box in the spring and expect it to be a floral picture all summer with its limited area of space and soil. When a plant begins to fade or lose its beauty, he goes to market and buys another to replace it. This is a thing we should educate our American people to do, and the result would be, not only the sale of more plants, but their greater use, as the buyers would in this way get more satisfaction, and satisfaction increases sales always and everywhere."

A unanimous vote of thanks was extended to Mr. Vincent, with the hope that he might be with us again before the end of the year. The next meeting night of the club will be "ladies' night" at the Brenneman building, April 27.

ALBERT M. HERR.

Massachusetts Horticultural Society.

ANNUAL SPRING SHOW.

The Massachusetts Horticultural Society held its annual spring show at Horticultural hall, Boston, March 17-19. One of the best shows seen for some time was staged, the spring flowering bulbs being of especially fine quality. It was remarkable to have such a fine display of plants and forced shrubs, considering the weather conditions, which have made transportation so hard, and the committees are very much pleased at the interest shown by the exhibitors. All three halls were well filled. The main hall was very attractive, and one of the first sights to catch the eye was the garden staged by R. & J. Farquhar & Co., Boston. The whole effect was

that of a sunken garden, and it was brought out to a more marked degree than usual by a large curtain, painted to represent a garden scene, from which the real garden seemed to merge into the hall. There was a large fountain in the center surrounded by the flower beds, and on either side was planted flowering shrubs and evergreens. Another fine display was that of the Wm. W. Edgar Co., of Waverly, Mass., who showed a fine group of plants, among which were fine lots of lilies and azaleas. Mrs. C. G. Weld also had a very attractive group, among which were some fine specimens of begonias, spireas and acacias. W. T. Walke, of Salem, a new exhibitor, had a very creditable display of commercial plants. He exhibited three large plants of French hydrangeas, six feet in diameter, and five feet high, which was one of the features of the show. Duncan Finlayson had several exhibits, all of which were very fine. His display of forced hardy shrubs was excellent. It was very noticeable that throughout the entire show the acacias, heather and hardwooded stove and greenhouse plants were of better quality than has been seen at the hall before. Mrs. Lester Leland had a display of cyclamen that were especially worthy of merit, and besides winning the society's prize, was awarded the \$50 prize offered by the Gardeners' and Florists' Club of Boston. The lecture hall contained the cut flower exhibits, retail florists' displays and the groups of spring bulbs. The retail florists' displays attracted their usual attention, and although there were no prizes

offered there were many excellent and tasty exhibits of the florists' art. Baskets, hampers, table decorations and old-fashioned bouquets comprised the greater part of the displays. The Waban Rose Conservatories, Natick, Mass., showed their new rose, Mrs. Bayard Thayer, as well as some very fine Killarneys and Hadleys. The carnations were of very fine quality. The vases of Pink Sensation were considered by many to be the best carnations ever shown at the hall. Wm. Nicholson's new dark red seedling looked very promising and excited much comment.

Prominent among the successful contestants in the competitive classes were the following: W. W. Edgar Co., Waverly, Mass.; W. T. Walke, Salem, Mass.; A. N. Pierson, Cromwell, Conn.; F. Dorner & Sons Co., Lafayette, Ind.; R. & J. Farquhar & Co., Boston; Houghton, Gorney Co., Boston; S. J. Goddard, Framingham, Mass.; Wm. Sim, Cliftondale, Mass.; Waban Rose Conservatories, Natick, Mass.; Thomas Roland, Nahant, Mass.; Mrs. C. G. Weld, Miss Cornelia Warren, Mrs. J. L. Gardner, Margaret A. Rand, A. W. Preston and Mrs. Lester Leland.

F. L. W.

Boston.

BUSINESS ONLY FAIR.

While business held up well the first part of last week, there was a falling off Friday and Saturday. White flowers, especially carnations, held firm, \$5 per 100 for the latter being secured in some cases, but the majority went at \$4. Roses are more

CHRYSANTHEMUM SOCIETY OF AMERICA.

Review of the Work of the Examining Committees for the Season of 1916.

Name of Variety	Where Shown	Date	Exhibited by	Color	Type	Scale	Color Form	Fullness	Stem	Foliage	Substance	Depth	Size	Total
Early Rose	Cincinnati	Oct. 16	Elmer D. Smith & Co., Adrian, Mich.	Rose Pink	Inc. Jap. Com.	18 12	8 14 14 13	8	8	8	8	8	8	87
Tiger	Cincinnati	Oct. 23	Elmer D. Smith & Co., Adrian, Mich.	Yellow	Inc. Jap. Com.	17 13	9 15 13 14	8	8	8	8	8	8	89
Tiger	Chicago	Oct. 23	Elmer D. Smith & Co., Adrian, Mich.	Yellow	Inc. Jap. Com.	18 14	14 15 14	8	8	8	8	8	8	82
October Queen	Cincinnati	Oct. 23	Elmer D. Smith & Co., Adrian, Mich.	White	Ref. Jap. Com.	18 12	7 15 15 12	8	8	8	8	8	8	87
October Queen	Chicago	Oct. 23	Elmer D. Smith & Co., Adrian, Mich.	White	Ref. Jap. Com.	20 14	9 13 15 12	10	9	8	8	8	8	93
Josephine Foley	Boston	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	20 15	8 13 13 13	8	8	8	8	8	8	90
Josephine Foley	Boston	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Ex.	15 15	3 4 3	14	23	8	7	8	8	87
Josephine Foley	New York	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	18 13	8 14 14 13	7	8	8	8	8	8	87
Josephine Foley	Philadelphia	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	18 14	9 14 12 13	9	8	8	8	8	8	89
Josephine Foley	Philadelphia	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Ex.	14 14	4 4 3	14	27	90				
Josephine Foley	Chicago	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	19 14	8 13 12 13	10	8	8	8	8	8	89
Josephine Foley	Cincinnati	Oct. 30	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	19 14	11 14 12 13	9	90					
Josephine Foley	Cleveland	Nov. 11	Elmer D. Smith & Co., Adrian, Mich.	White	Inc. Jap. Com.	18 13	8 14 13 13	7	8	8	8	8	8	87
Ogontz	Cleveland	Nov. 11	Elmer D. Smith & Co., Adrian, Mich.	Light Yellow	Inc. Jap. Ex.	13 13	13 4 4	13	27	87				
Ogontz	Philadelphia	Nov. 12	Elmer D. Smith & Co., Adrian, Mich.	Light Yellow	Inc. Jap. Com.	13 14	14 5 4	13	27	89				
Ogontz	Philadelphia	Nov. 12	Elmer D. Smith & Co., Adrian, Mich.	Light Yellow	Inc. Jap. Com.	18 14	9 14 13 13	9	90					
Nordi	Cleveland	Nov. 11	Elmer D. Smith & Co., Adrian, Mich.	White	Pom. Pom.	35	16 16 16	16	16	16	16	16	16	83
Little Gem	Cleveland	Nov. 11	Elmer D. Smith & Co., Adrian, Mich.	Pink	Pom. Pom.	37	19 16 19	19	19	19	19	19	19	91
Alice Day	New York	Nov. 16	Chas. H. Totty, Madison, N. J.	White	Inc. Jap. Com.	18 14	12 12 10 14	9	8	8	8	8	8	87
Alice Day	Philadelphia	Nov. 23	Chas. H. Totty, Madison, N. J.	White	Inc. Jap. Com.	18 14	9 14 12 13	9	8	8	8	8	8	89
Mrs. C. C. Mickle	New York	Nov. 30	Chas. H. Totty, Madison, N. J.	White	Single	39	16	17	18	18	18	18	18	80
Mrs. J. A. Stewart, Jr.	New York	Nov. 30	Chas. H. Totty, Madison, N. J.	Bronze	Single	35	16	17	18	18	18	18	18	86
October King	New York	Nov. 30	Chas. H. Totty, Madison, N. J.	Yellow	Inc. Jap. Ex.	15 13	12 5 5	13	25	88				
Mrs. J. Gibson	New York	Nov. 30	Chas. H. Totty, Madison, N. J.	Light Pink	Ref. Jap. Ex.	13 12	14 5 5	13	27	89				
Wm. Rigby	New York	Oct. 30	Chas. H. Totty, Madison, N. J.	Light Yellow	Jap. Ex.	13 13	14 5 4	13	28	90				
Autocrat	Cleveland	Nov. 11	Chas. H. Totty, Madison, N. J.	White	Inc. Jap. Com.	18 13	8 14 13 14	9	8	8	8	8	8	89
Autocrat	Cleveland	Nov. 11	Chas. H. Totty, Madison, N. J.	White	Inc. Jap. Ex.	14 13	14 4 4	12	26	87				
Barbara Davis	Cleveland	Nov. 11	A. N. Pierson, Inc., Cromwell, Conn.	Bronze	Jap. Com.	18 12	8 13 15 13	7	8	8	8	8	8	86
Autocrat	Cleveland	Nov. 11	The E. G. Hill Co., Richmond, Ind.	White	Inc. Jap. Com.	18 13	8 14 13 14	9	8	8	8	8	8	89
No. 69	Cleveland	Nov. 11	The E. G. Hill Co., Richmond, Ind.	Yellow	Inc. Jap. Com.	18 13	9 14 13 13	7	8	8	8	8	8	87
No. 45	Cincinnati	Oct. 23	The E. G. Hill Co., Richmond, Ind.	Yellow	Inc. Jap. Com.	19 12	9 14 13 11	8	8	8	8	8	8	86
Mrs. E. M. Benson	Philadelphia	Oct. 16	G. A. Lotze, Glen Burnie, Md.	Yellow	Inc. Jap. Com.	18 12	9 14 14 14	9	90					
Mrs. E. M. Benson	Philadelphia	Oct. 16	G. A. Lotze, Glen Burnie, Md.	Yellow	Inc. Jap. Ex.	14 13	14 5 4	12	27	89				
No. 6	Philadelphia	Nov. 6	G. A. Lotze, Glen Burnie, Md.	White	Inc. Jap. Com.	15 10	9 13 12 14	8	8	8	8	8	8	81
Mrs. Benton Jacobs	Philadelphia	Nov. 6	G. A. Lotze, Glen Burnie, Md.	White	Ref. Jap. Ex.	14 13	12 4 4	13	25	85				
White Doty	New York	Oct. 30	Elmsford Nursery, Elmsford, N. Y.	White	Pom. Pom.	38	19 20 18	18	18	18	18	18	18	95
Francis Alger	Cleveland	Nov. 11	Fred Pantke, Grosse Pointe, Mich.	Yellow	Anemone	38	16 18 17	17	17	17	17	17	17	89
Delphine Dodge	Cleveland	Nov. 11	Fred Pantke, Grosse Pointe, Mich.	Light Pink	Pom. Pom.	34	18 18 15	15	15	15	15	15	15	85
No. 65	Cleveland	Nov. 11	Fred Pantke, Grosse Pointe, Mich.	Bronze	Pom. Pom.	35	15 15 18	18	18	18	18	18	18	83
No. 7	Cleveland	Nov. 11	Fred Pantke, Grosse Pointe, Mich.	Pink	Pom. Pom.	30	17 17 17	17	17	17	17	17	17	81
No. 2	Cleveland	Nov. 11	Fred Pantke, Grosse Pointe, Mich.	Bronze	Pom. Pom.	30	18 17 18	18	18	18	18	18	18	83
Dixie Star	Cleveland	Nov. 11	Carl Becherer, Dixmont, Pa.	Yellow	Single	25	15	15	15	15	15	15	15	70
No. 234D	Cleveland	Nov. 11	Carl Becherer, Dixmont, Pa.	Bronze	Single	15	10	9	14	13	12	6	79	
No. 60	New York	Nov. 6	Henry Gant, Glen Cove, N. Y.	Bronze	Single	37	16	15	15	16	14	84		
Aurora	New York	Nov. 6	Henry Gant, Glen Cove, N. Y.	Pink, Wh. Centr.	Single	39	19	18	17	18	18	84		
Chloris	New York	Nov. 6	Henry Gant, Glen Cove, N. Y.	Bronze	Single	38	17	17	17	18	18	87		
Athena	New York	Nov. 6	Henry Gant, Glen Cove, N. Y.	Bronze	Single	38	17	17	17	18	18	86		
Aphrodite	New York	Nov. 6	Henry Gant, Glen Cove, N. Y.	Perra Cotta	Single	38	18	16	17	18	18	88		
No. 7	New York	Nov. 13	Henry Gant, Glen Cove, N. Y.	Light Bronze	Single	30	15	17	16	17	17	78		
Helios	New York	Nov. 13	Henry Gant, Glen Cove, N. Y.	Bronze	Single	36	17	17	17	18	18	88		
Ares	New York	Nov. 13	Henry Gant, Glen Cove, N. Y.	Indian Red	Single	38	18	18	18	18	18	92		
Artemis	New York	Nov. 13	Henry Gant, Glen Cove, N. Y.	Yellow	Single	35	17	17	17	17	17	86		

Scores possible under scales used (C. S. A. Official)

CHAS. W. JOHNSON, Secretary.

plentiful and the price ranges from \$2 per 100 to \$16 for fancy stock. Ophelia, Russell and Hadley are the favorites. Sweet peas are plentiful and the demand is good. Spencers bring from 75 cents to \$1.50 per 100 and \$2 are received for extra fine grades. Violets move slowly at prices ranging from 40 cents to 50 cents per 100. Snapdragon is more plentiful and good flowers meet with a fair sale at \$1.50 per dozen. Bulbous stock remains about the same, jonquils being the main factor of the supply.

NOTES.

The Montgomery Rose Co., of Hadley, Mass., will add a Moninger steel frame house, 50x325 feet, to its range. This firm is cutting some extra fine Hadley roses at present and the Ophelia seen here are exceptionally fine.

Alphonse Grasse, a former employe of Robert Montgomery, is starting business at Natick, Mass., with one house 20x75 feet. He will grow tomatoes, but expects to enter the florist line later.

Henry Zum Brunnen is cutting fine snapdragons and sweet peas, which he ships to Daniel J. Lamy at the Boston Co-operative Flower Market.

Julius A. Zinn, the Park street florist, has added a new motor truck to his delivery service.

F. S. W.

Oklahoma City.

ST. PATRICK'S DAY BUSINESS EXCELLENT.

St. Patrick's day developed quite a little trade for flowers. Green carnations and green sweet peas, the latter a novelty so far as this city goes, were disposed of in enormous quantities and at profitable prices. A large number of small shamrock plants were also sold for the celebration. Florists are unanimous in saying that St. Patrick's day was certainly a good business day for them. The regular routine of business continues to be very satisfactory; everybody is very busy, and it is noticed that there are several new clerks added to the forces in the flower stores. The trade in general, and more particularly the nursery and bedding plant side of it, has been given a large boost; it might be called an official boost, for Governor Williams and Mayor Overholzer have each issued proclamations over their official signatures, urging every individual in the city and state to plant more ornamental trees, shrubs and flowers, and setting aside the week commencing March 19 as the time to do so. As a means of getting tangible results from the proclamations, the superintendent of schools, together with the principal of each school, have arranged for special exercises during the week, at which addresses will be made by some of the local florists. Among the speakers will be G. W. Stiles, Lon Foster, W. H. Clark, superintendent of the cemetery, and S. S. Butterfield.

Visitors: E. C. Pruner, representing Poehlmann Bros. Co., Chicago; A. S. Gray, president of the Oklahoma State Society of Florists, Chickasha, Okla.

S. S. B.

ADRAIN, MICH.—Elmer D. Smith reports brisk business in chrysanthemums, standard sorts and novelties.

PORT WASHINGTON, N. Y.—Alexander Richardson, formerly gardener on the Morgan estate, Glen Cove, N. Y., has taken a similar position on the Bruce MacKelvie estate, Sands Point.

PLAINVIEW, TEX.—An experimental farm will be established near this city if a bill introduced into the senate is passed. An appropriation of \$50,000 for the purpose is asked for.

OBITUARY.

John Adam Klehm.

John Adam Klehm, founder of the well known firm of John Klehm & Sons, florists and nurserymen, of Arlington Heights, Ill., and one of the oldest and most respected citizens in that locality, died at his late residence, March 16, aged 81 years and eight months. He was born in Duedelsheim, Germany, and came to America in 1851, locating in Buffalo, N. Y. In 1855, he removed to Jefferson Park, Ill., where he remained for two years, after which he went to Arlington Heights, and for the past 59 years has been prominently identified with the business and civic advancement of that village. In 1862 he was married



The Late John Adam Klehm.

to Miss Elizabeth Stitz. To them five children were born, three of whom, George, Charles and Henry, are living, and in recent years have lifted the cares of business from their father's shoulders, have followed his sterling business principles, and extended the prestige of the firm. Mr. Klehm, while a sufferer much of his life, rarely complained. During the last eight months he had been confined to his bed. Surviving are the widow, three sons and 15 grandchildren.

The funeral was held March 18, with interment in the Lutheran cemetery. Many beautiful floral tributes accompanied his remains to their last resting place, and friends without number mourn his passing.

Wickliffe L. Smith.

Wickliffe L. Smith, a charter member of the Society of American Florists, founder of the Smith greenhouse, Aurora, Ill., and up to the time of his retirement, 14 years ago, one of the best known florists in Illinois, died at St. Joseph's hospital, Aurora, March 17, aged 64 years. As early as 1880 he enjoyed the reputation of being a genius in the propagation of plants and was for many years considered one of the best florists in the state. He had resided in Aurora since 1860, and for more than half a century had been prominent in the civic and social life of the community. He had in recent years worked for various firms, and last summer was employed

at the Mooseheart Nurseries. He was taken ill early in the winter, and grew gradually weaker until his death. He is survived by a widow and three daughters. The funeral services were held March 19, and the remains, accompanied by many floral tributes, were taken to West Aurora cemetery for interment.

J. H. Harvey.

J. H. Harvey, a retail florist whose store was at 453 Broad street, Newark, N. J., died in a Newark hospital, March 13, aged 51 years. He was a member of an old Newark family and we believe that most of his life had been spent in that city. He was for some years with the Stroebeles, well known retailers of Newark, but in late years has been in business for himself. He was a genial and kindly man and had many friends. His funeral was held on the evening of March 16, with Masonic ceremonies. He is survived by a widow and three sons, the youngest of whom has conducted the store during his father's illness.

A. F. F.

Sackville S. Bain.

Sackville S. Bain, well-known florist of Montreal, Que., died at his home in that city, March 11, aged 71 years, following a three weeks' attack of pneumonia. He was born in Cromarty, Scotland and came to Canada in 1871, at the age of 26 years. He located in Montreal and founded the florist business which still bears his name, and later established large nurseries at Verdun, Que. He was well known throughout Canada as an interpreter of Scotch songs. He is survived by his widow, two sons, Dyson and Stewart, the former associated with his father in business, and one daughter, Mrs. George Dies.

BRISTOL, CONN.—Paul M. Hubbard & Son will open a flower shop in the Gwillim block in the near future.

HELENA, ARK.—The Merryvale Greenhouses have been purchased by Harry Ball, proprietor of the Ball Floral Co.

NEW ALBANY, IND.—John G. Bettman is erecting two houses, each 28x200 feet, which will be devoted to roses.

BOSTON, MASS.—Max Fine, florist, has filed a petition in bankruptcy, scheduling liabilities of \$4,665 and no assets.

LEBANON, PA.—Joseph F. Vavrous, founder of the firm of J. F. Vavrous & Sons, florists, died at his home here, February 24, aged 56 years.

PROVIDENCE, R. I.—Olney Williams and John Burke have formed a partnership and will conduct a wholesale business in flowers and supplies on Clemence street.

YOUNGSTOWN, O.—Tierney & Manning, North Phelps street florists, have dissolved partnership, Paul Manning having purchased the entire stock and will continue the business.

NEWPORT, R. I.—Edward R. Hass has purchased the flower store formerly conducted by his father at 196 Thames street. He will also have the use of one greenhouse on Almy street.

COLUMBIA, MO.—The students of the College of Agriculture have issued an invitation to the florists of the state to cooperate with them in the flower show which will be a feature of their eleventh annual fair which will be held at the University of Missouri, May 5. C. B. Gray, Horticultural building, this city, is chairman of the flower show committee.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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C. B. WHITNALL, social democrat, is again candidate for the office of city treasurer of Milwaukee, Wis.

THE western contingent is pressing on to the National Flower Show at Philadelphia as we go to press.

THE price of lead, which regulates the cost of tinfoil, has advanced from \$4.30 at the beginning of the war to \$8.00, the present figure.

R. C. BENEDICT of the Brooklyn Botanic Garden has contributed an exhaustive account of the genus *nephrolepis* (Boston fern and its varieties) to the new Standard Cyclopedia of Horticulture.

HUGH DICKSON's new rose California, awarded the thousand dollar prize at the Panama-Pacific exposition, according to a communication just received from the Royal Nurseries, Belfast, Ireland, will not be available before 1917 and Chas. H. Totty, of Madison, N. J. is the United States agent for Mr. Dickson's new roses.

Florists' Telegraph Delivery.

A meeting of the members of the Florists' Telegraph Delivery is scheduled for Thursday, March 30, at 2 p. m. at the Hotel Walton, Philadelphia, Pa. It is necessary that our members attend this meeting in order to bring up new ideas for the benefit of our organization.

Simultaneous with the opening of the show the mayor of every city where there is an F. T. D. member will receive a box of flowers, bearing the following card: "Greetings to Your Honor from the Florists' Telegraph Delivery, Fourth National Flower Show, Philadelphia." Acknowledgments will be pinned to a large map of the United States, indicating the towns represented by F. T. D. service. ALBERT POCHELOU, Sec'y.

American Rose Society.

The executive committee of the American Rose Society met in New York March 13, to go over the work of preparation for the coming exhibition and annual meeting. The annual meeting will be held in Convention hall, Philadelphia, Pa., at 7:30 p. m., Monday, March 27.

The judges appointed for the various classes are as follows:

Private growers, cut roses, Monday, March 27, 2 p. m.—Admiral Aaron Ward, Roslyn, N. Y.; Eugene Dailledouze, Brooklyn, N. Y.; Victor Groshens, Roslyn, Pa.

Commercial growers, Monday, March 27, 2 p. m.—Emil Buettner, Park Ridge, Ill.; John H. Dunlop, Toronto, Ont.; Wm. L. Rock, Kansas City, Mo.

Twenty-five class, Monday, March 27, 2 p. m.—Frank H. Traendly, New York; Fred. Burki, Pittsburgh, Pa.; Robert Craig, Philadelphia, Pa.

Plants, Saturday, March 25, 1 p. m.—Philip Breitmeyer, Detroit, Mich.; Alex. B. Scott, Sharon Hills, Pa.; George C. Thomas, Jr., Philadelphia.

Rose display and retailers, Thursday, March 30, 2 p. m.—A. B. Cartledge, Philadelphia, Pa.; James Forbes, Portland, Ore.; W. J. Palmer, Buffalo, N. Y.

The Dorrance medal will be awarded as a sweepstake prize. This medal was won last by Gude Brothers Co., Washington, D. C. The blanks for entries are all to be sent to Benjamin Hammond, room 1205 Widener Building, Philadelphia, Pa.

The annual for 1916, the best book the American Rose Society has yet issued, is being mailed to all members that are paid up, and tickets of admission will also be issued to all paid up members. At the annual meeting there will be various important matters come up, and the time fixed for the meeting is on a day when we hope to obtain a large attendance of members. BENJAMIN HAMMOND, Sec'y.

Antique Pottery.

The collection of antique flower pots exhibited by The Whilldin Pottery Company at the Philadelphia National Flower Show at Convention hall, is the result of many miles of traveling by J. G. Whilldin and P. M. Read of that company by automobile through mud, slush and snow, and also zero weather, in an endeavor to obtain these pots on time and to be sure of their safe arrival at Convention hall. The complete collection comprises some pots used by great grandfathers of the present generation, some made by florists in their endeavor to beat the potter at his own game and others made by potters long gone from this world.

It may be interesting to the trade to know that square pots were also made in those days, several samples of which are shown. The pots are of various shapes and sizes and of

course being made before the standard pot was adopted, will, no doubt, prove interesting to all visiting florists, at least the "old man" who remembers the "good old days" of "flue houses", "small glass" and "wood fires".

Chicago to Philadelphia.

FOURTH NATIONAL FLOWER SHOW.

At the February meeting of the Chicago Florists' Club the Pennsylvania Railroad was selected as the route to the Fourth National Flower Show, to be held at Philadelphia, March 25-April 2, the club party leaving the Union station, Canal street, on Train No. 8, Saturday, March 25, the opening day of the show, at 3:15 p. m., due Philadelphia 5:50 p. m. the following day. The individual fare in either direction, between Chicago and Philadelphia, is \$19.10 and the party fare for 10 or more people on one ticket is \$17.39 per capita between the same points in either direction. The Pullman fares are \$3.60 for upper berth, \$4.50 for lower, and \$16 for a drawingroom, two tickets being required for the exclusive use of a drawingroom.

Other Pennsylvania Railroad trains for those who can not leave with the club party are: Pennsylvania Limited, leaving Chicago 5:30 p. m., due Philadelphia 3:08 p. m. (excess fare \$4), and Manhattan Limited, leaving Chicago 10:30 a. m., due North Philadelphia 7:19 a. m. (excess fare \$5).

Persons desiring to visit New York during the show at Philadelphia can secure one-way tickets to New York at a cost of \$21.10 with the privilege of a 10-day stopover at Philadelphia.

For reservations, etc., address District Passenger Agent, E. K. Bixby, 175 West Jackson boulevard, Chicago. Telephone, Wabash 3660.

Kew Men's Reunion.

A reunion and banquet for Kew men and their ladies has been arranged to be held at "Shanley's", 117 West 42nd street, New York, April 5, at 7:00 p. m., the opening day of the New York flower show. Tickets may be had of M. Free, Brooklyn Botanic Gardens, Brooklyn, N. Y., at \$1.50 each, and it is desired that all Kew men who wish to attend communicate with him and secure tickets and such other information as may be desired regarding the reunion. The business meeting will be held at 7 p. m., followed by the banquet at 8 p. m. Arrangements have been made for the entertainment of the ladies during the business meeting.

Philadelphia Hotel Rates.

The following is a list of Philadelphia hotels and rates per day issued by the committee on information of the Fourth National Flower Show to be held in that city, March 25-April 2. Fred Cowperthwaite, chairman of the committee, room 1205 Widener building, Juniper and Chestnut streets, Philadelphia, Pa., will be pleased to give any further information desired upon request.

	Room without bath for 1 person.	Room with bath for 1 person.	Room without bath for 2 persons.	Room with bath for 2 persons.
Hanover	\$1.00-1.50	\$1.50-2.00	\$2.00-2.50	\$2.50-3.50
Walton	1.50-2.00	2.00 up	3.00-3.50	3.50 up
Belleue	2.50-4.00	3.50-5.00	3.50-5.00	4.50-6.00
Ritz	Carlton.....	3.50-4.00	.....	5.00
Adelphia	.....	3.00	.....	5.00
Cont'l	1.00	1.50-3.00	1.50	2.00-3.50
Stenton	1.50-2.00	2.50	2.50	4.00
Windsor	1.00	1.50	2.00	2.50
Maestic	.....	1.50 up	.....	2.50 up
St. James	.....	2.00-2.50	.....	3.00-4.50
Bingham	1.50 up	2.00 up	3.00 up	3.50-4.00
Colonade	1.00	2.00	2.50	3.50
Greens	1.00-1.50	2.00-2.50	1.50-2.50	3.00-4.00
Vendig	.....	2.00 up	.....	3.00 up

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any date that may have been altered since the last advices.]

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Newark, N. J., March 26, 3 p. m.—Wein, Obst und Gartenbau Verein, 15 Newark street. Peter Caille, secretary, 111 Avon avenue, Newark.

Providence, R. I., March 27, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 98 Westminster street. Wm. E. Chappell, secretary, 333 Branch avenue, Providence.

Newport, R. I., March 28, 8 p. m.—Newport Horticultural Society, Music hall, Thames street. William Gray, secretary, Bellevue street, Newport.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv. For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—Man thoroughly experienced and capable of taking charge of a private or commercial place. Address Key 619, care American Florist.

Situation Wanted—Well educated young lady wants an apprenticeship with room and board with florist, where she can learn designing. M. CARTMILL, 1327 Clark St., Stevens Point, Wis.

Situation Wanted—By young florist and gardener, single, on commercial or private place, good grower of bedding and pot plants. Have best references. Chicago or suburb preferred. Address Key AAA, care American Florist.

Situation Wanted—Energetic young man, age 20 years, desires position in small greenhouse establishment, where there is chance to learn the business thoroughly. Amount of salary not so much of an object. Address Key 617, American Florist.

Situation Wanted—By florist and gardener with 14 years practical experience in growing all kinds of greenhouse plants and cut flowers, fruits and vegetables, lawns and flower gardens. Prefer private place. Hard worker; single, age 30. Address Key 608, care American Florist.

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—As foreman or otherwise, private or commercial: lifetime experience in growing roses, carnations, chrysanthemums, sweet peas, and all kinds of greenhouse stock. All credentials and references. Can commence at once. Please state wages in first letter. Address J. GREEN, Connaught subdivision, Long Point, Montreal.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address Key 622, care American Florist.

Help Wanted—Experienced girl to act as cashier and wait on trade in retail flower store. GEO PERDIKAS, 477 S. Wabash Ave., Chicago.

Help Wanted—Good grower of general stock for retail trade. Single. Wages, \$30.00 per month with room and board, ALTON FLORAL CO., Alton, Ill.

Help Wanted—Reliable married working man, having a little experience, for routine work in greenhouse and garden. LEVANT COLE, Battle Creek, Mich.

Help Wanted—Experienced gardener for good position. Single man preferred. OAK HILL CEMETERY ASSOCIATION, Lebanon, Ind.

Help Wanted—Young man for seed store who has some knowledge of vegetable and flower seeds. State age, experience and wages expected. Address Key 605, care American Florist.

Help Wanted—Young floral saleslady, must have thorough knowledge of the business and be able to furnish best of reference. Good salary and steady position. ALPHA FLORAL CO., Des Moines Ia.

Help Wanted—Competent Hardy Perennial Grower and propagator for large commercial place in Illinois; permanent. State fully experience and references. Address Key 623, care American Florist.

Help Wanted—Competent man for general store work in the west. Good place for man who can get out the work quickly and in good taste. State age, experience and wages. Address Key 618, care American Florist.

Help Wanted—Experienced florist to take charge of greenhouses and grounds, private sanitarium. Single man preferred. Married man, no children, considered if wife willing to accept employment. THE OXFORD RETREAT, Oxford, Ohio.

For Sale—Greenhouse and five acres of ground. For particulars, write DIESING BROS., Marshalltown, Ia.

For Sale—A steadily growing retail florist business in town of 17,000; reason for selling: getting too large for manager to look after without a partner so prefer to sell. Address Key 602, care American Florist.

For Sale—At a bargain. Range of greenhouses consisting of 13,000 square feet of glass, fully stocked with carnations, also young stock in good shape and four acres of ground partly planted to peonies. Splendid opportunity for right party to secure good paying business in one of Chicago's wealthiest suburbs on the C & N.W. Ry., near the depot and only 35 minutes ride from Chicago. Also have a good retail trade. Will take part cash and balance on easy terms. Hurry. Address Key BBB, care American Florist.

Capital Wanted

Young man thoroughly experienced in Retail Florist business is desirous of securing a partner with several thousand dollars to open a store in the Chicago loop. For further particulars, address Key 621, care American Florist.

Wanted to Lease

Going commercial greenhouse establishment within 50 miles of Chicago. Give full particulars in first letter. Address Key 622, care American Florist.

WANTED**100,000 Feet Of Glass**

near Chicago, planted with cut flowers. State full particulars in first letter. Key 610, care American Florist.

**WHOLESALE
WANTS TO RENT**

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business.

Key 607, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 80,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address Key 612, care American Florist

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2½x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —
United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO



You need it now for names and addresses.



DREER'S NEW WHITE CANNA, EUREKA

CANNAS

Our Own Introductions

Eureka. Another season's trial fully demonstrates our former claims for this variety—that it is the best white for all purposes to which Cannas are devoted. It is of robust constitution, growing four feet high, forming sturdy, shapely plants very quickly. Its free flowering tendency can be readily understood when we chronicle the fact that a small plant set out May 15th, three months later carried 15 immense heads of flowers. These are of a creamy-white, changing in full sun to a pure white. Its superior merits have been acknowledged by all who have seen it, and we unhesitatingly pronounce it the best white Canna yet introduced. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Favorite. There have been many yellow Cannas spotted with carmine or crimson that were good; it is, therefore, particularly interesting to find a variety that in every way eclipses its many predecessors and for which we have singled out this sort. The color is a rich, deep golden-yellow, produced on tall stems high above the foliage. The red dots, which are not too pronounced, add to the piquancy of the flower, without detracting from the golden mass effect. 5 feet. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Orange Bedder. A particularly attractive bedding variety of a bright orange with just sufficient scarlet suffusion to intensify the dazzling mass of colors when the wide branching stems are covered with flowers. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Remarkable. A distinct and effective bronze variety that stood out boldly from all other sorts in our fields, not only on account of its height (over 6 feet), but particularly on account of its beautiful bronze foliage and the scarlet-carmine flowers which force attention. The tall, graceful habit and strong coloring make it a valuable addition. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

The Gem. An entirely distinct spotted variety. The immense trusses of flowers are borne on upright branching stems well above the foliage, and are of deep cream or straw-yellow, spotted with deep carmine. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

One each of the 5 sorts for \$1.50.

Do not fail to see our Exhibit at the National Flower Show,
Convention Hall, Philadelphia, March 25th to April 2nd.

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.

THE NEW ROSE MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916.

Eyes ready now.

Waban Rose Conservatories, Natick, Mass.

OGDEN, UTAH.—F. A. Huish, formerly of Provo, Utah, has purchased the florist business of Mrs. B. Van der Schuit, 740 Twenty-eighth street, this city.

BLUEFIELD, WEST VA.—The Alexander Cut Flower & Plant Co. has been incorporated with a capital stock of \$25,000. The incorporators are W. C. and M. B. Alexander, R. E. Goodrich, W. F. Soule and H. M. Tanner, all of this city.

GERANIUMS

Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.
S. A. Nutt and Buchner.....12.50 per 1000
Poltevine and Ricard15.00 per 1000
Buddieia Asiatica2.50 per 100
Buddieia Magnifica3.50 per 100
(Rooted cuttings, parcel post.)

Pot plants of either, by express, \$5.00 per 100
Asparagus Plumosus, good value, \$25.00 per 1000

ALBERT M. HERR, LANCASTER, PA

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

A GREAT COMBINATION

— Including —

The American Florist

— Regular —

SPRING NUMBER

— and the —

National Flower Show Report

— will be issued —

APRIL 6

Our readers throughout the country await this issue with much interest, both for the important Easter suggestions and details of the Philadelphia exhibition, fully illustrated, affording a splendid advertising medium for Easter and general Spring stock, supplies, building materials, etc.

Send Advertisements Early to Insure Good Location and Display

AMERICAN FLORIST CO.,
440 S. Dearborn St., - - - - CHICAGO

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	40 to 42.....	\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	44 to 46.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28-in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Geraniums, Standard var. \$2.00	\$18.00	\$3.00	\$25.00	
Heliotrope, Mme. Bruant and Chiffon.....	2.00	18.00	3.00	25.00
Lantanas, 6 varieties.....	2.00	18.00	3.00	25.00
Lemon Verbenas.....	2.00	18.00	3.00	25.00
Moonvines.....	2.00	18.00	3.00	25.00
Petunias.....	2.00	18.00	3.00	25.00
Parlor Ivy.....	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.00	3.00	25.00
Senecio Argenteus, Dusty Miller.....	2.00	18.00	3.00	25.00
Swainsona, white and pink.....	2.00	18.00	3.00	25.00
Vinca Variegata.....	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum and Heliotrope. Rooted cuttings, 60¢ per 100; \$5.00 per 1000.				
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.				
Canna Roots, \$2.00 per 100 and up.				

Cash with order. If you have not received our catalogue, notify us.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

ASPARAGUS

Plumosus, 2½-in. pots, \$2.00 per 100; \$17.00 per 1000.
Cannas, 1 to 3 eyes, Allemania, Italia, Patry, B. Prince, Gray, Flamingo, Berat, Henderson, \$2.00 per 100.
Boston Ferns, from beds, \$15.00 per 100.
Coleus, 10 varieties April 1 \$2.00 per 100.
Pansy Plants, Giant flowering, \$2.50 per 100.

— CASH —
JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

Gladiolus Bulbs

	FINE MIXED.	Per 1000
4,000 Extra large, 1½-2½-in.....	\$8.00	
13,000 No. 1, 1¼-1½-in.....	5.00	
20,000 No. 2, 1-1¼-in.....	4.00	
20 bushels Corms or Bulbs, \$2.00 per bus.		
100,000 ASPARAGUS ROOTS.....	2.50	
300 lbs. Ruby King Pepper Seed, lb.....	\$1.10	
500,000 Jersey Sweet Potato Plants, write for prices		

All Kinds of Vegetable Plants in Season.

I. & J. L. LEONARD, Iona, N. J.

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2-ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3-ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35¢ each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

YOUNG ROSE PLANTS

200,000 MORE MUST BE SOLD IMMEDIATELY. WE ARE MOVING TO NEW GROUNDS. THE GREATEST SACRIFICE SALE OF YOUNG ROSE PLANTS EVER OFFERED. BE WISE AND GET HERE QUICKLY.

Propagated from wood taken from blooming field plants.

Weight, packed for express, 30 to 50 lbs. to 1,000. We will stand cost of transportation on all orders filled for seven thousand or more plants—where buyer selects varieties at list price. Extra special: Our selection of varieties—you pay express:

2000 Plants.....	\$35.00	} Large list of varieties
3000 ".....	48.00	
5000 ".....	75.00	

Not less than 50 of a variety at 100 rates.

	Per 100
Agrippina.....	\$1.25
American Pillar.....	1.75
American Pillar.....	1.50
Anne Mueller.....	1.25
A. Revoire (Taft).....	2.00
Baby Rambler.....	1.25
Beauty Glazenwood.....	1.25
A. Bleroit.....	1.00
Cecile Brunner.....	1.25
Heavy.....	2.50
Cherokee, White.....	1.25
Pk. & Red.....	2.00
Clara Watson.....	1.75
Clbg. Belle Siebrecht.....	2.00
Gruss an Tepitz.....	1.75
Bride.....	1.25
Bridesmaid.....	1.25
Cecile Brunner.....	1.25
H. Gambier.....	1.50
Kaiserin.....	2.00
Killarney.....	1.50
Meteor.....	1.50
White Cochet.....	1.50
WINNIE DAVIS.....	4.00
Wootton.....	1.50
Countess of Gosford.....	1.50
Crimson Rambler.....	1.25
Dean Hole.....	1.75
Dorothy Perkins.....	1.25
Dbl. Pk. Killarney.....	2.00
Duch. de Aursteadt.....	3.00
Earl of Dufferin.....	1.75
Edward Maxwell.....	3.00
Etoile de France.....	1.75
Etoile de France Jr.....	3.00
Eugene Bouliet.....	1.50
Florence Pemberton.....	1.75
Frau Karl Druschki.....	3.50
F. R. Patzer.....	1.50
Gainsborough.....	1.50
Gen Jack.....	1.75
GEN. McARTHUR.....	2.50
Giant Battles.....	1.50
Gil. de Margottin.....	1.50
Gil. des Rossmones.....	1.25
Grace Moynaux.....	2.00
Gruss an Tepitz.....	1.75
Hilawatha.....	1.75
Hugh Dickson.....	3.00
James Sprunt.....	1.00
J. B. Clark.....	2.50
Joh Wesselhoff.....	1.75
Jon. J. L. Mock.....	2.50
Keystone.....	1.00
KAISERIN.....	2.00

	Per 100
KILLARNEY.....	\$2.00
KILLARNEY QUEEN.....	2.00
LA DETROIT.....	2.00
Lady Gay.....	1.50
Lady Hillingdon.....	4.00
Lamarque.....	1.80
Mad. Alf Carriere.....	1.25
Mad. Abel Chateau.....	1.75
Mad. Car Testout.....	2.00
Mad. Constance Soupet.....	1.50
Mad. Eduard Herriot.....	8.00
Mad. Gamon.....	2.00
Mad. Jules Grolez.....	1.50
Mad. Lambard.....	1.25
Mad. Leon Pain.....	2.00
Mad. Segond Weber.....	2.00
Maman Cochet.....	2.50
Mar. de Querboent.....	1.25
Mary Cas. of Ilchester.....	3.00
Melody.....	3.00
Meteor.....	1.75
McCartney.....	1.00
Miss Kate Moulton.....	2.00
Mme. Masson.....	1.50
Mons. de Sir.....	1.00
MRS. A. R. WADDELL.....	1.75
Mrs. B. R. Cant.....	1.50
Mrs. Herbert Taylor.....	1.50
Mrs. W. C. Miller.....	2.00
Neervelt.....	1.00
Climbing Oriental.....	1.00
(Original stock from Dept. of Agric.).....	
Paul Neron.....	2.00
Perle d'Or.....	2.00
Pr. E. C. de Arenberg.....	1.75
Pr. C. de Rohan.....	2.00
Queen Scarlet.....	1.00
Radiance.....	4.00
R. M. Wenritte.....	1.50
R. O. Wurtemburg.....	1.50
Reve d'Or.....	1.50
Rhea Reid.....	2.00
Saucy Ann (Scarlet).....	1.50
Sen Maseurand.....	3.00
Shepherd's Oriole.....	3.00
Shower of Gold.....	1.50
Silver Moon.....	2.00
So. Orange Perfection.....	1.75
SUNBURST.....	4.00
ULRICH BRUNNER.....	2.75
WELLESLEY.....	1.75
Wm. Allen Richardson.....	1.75
White Killarney.....	2.50
Winnie Davis.....	2.00
Yellow Pres. Carnot.....	1.75

Cash Up unless you are known to us. In any event, prompt payment upon arrival of stock.

All varieties listed we have in quantity. We have some fifty other varieties—at about half value—few hundred each. These prices apply from date of this issue only.

California Rose Co., Pomona, Cal.

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

Easter Lilies-Russell-Fancy Roses-Valley Spencer Sweet Peas-Carnations-Daffodils-Jonquils

CURRENT PRICE LIST—Prices Subject to Change Without Notice

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$4.00
28 to 30-in.	3.00
24 to 26-in.	2.00
20 to 22-in.	1.50
16 to 18-in.	1.25
Short, per 100	\$4.00, 6.00 to 8.00

	Per 100
Hoosier Beauty	
Richmond	
Hadley	Special \$12.00
Ophelia	Long 10.00
Sunburst	Medium \$6 to 8.00
Milady	Short 4.00
Kill. Brilliant	

AMERICAN BEAUTIES

	Per Doz.
Long	\$6.00
36-in.	5.00
24 to 30-in.	\$3.00 to 4.00
18 to 20-in.	2.00
Short	per 100 \$6.00 to 12.00

	Per 100
Bulgaria	
Aaron Ward	Special \$12.00
Killarney	Long \$8.00 to 10.00
White Killarney	Medium 6.00
	Short 3.00 to 4.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer	\$0.75 to \$1.50
Violets, double or single	.50 to .75
Jonquils and Daffodils	3.00
Smilax	doz. \$2.00
Plumosus	3.00
Sprenger	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000, \$1.50
	100, .20
Leucothoe	100, .75
Mexican Ivy	1000, \$6.00; 100, .75
Ferns	1000, 2.50; 100, .30
Boxwood	bunch, 25c; case, 8.00
Wild Smilax	per case, 5.00

ORCHIDS

Market Price.

	Per Doz.
Cattleyas	\$8.00
Gardenias	\$2.00 to 3.00

EASTER LILIES

Per 100	\$12.00
---------	---------

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------	------------------------

CARNATIONS

	Per 100
Best Fancy, all colors	\$3.00
Splits, Red and Dark Pink	1.50
Splits, White and Enchantress	2.00

SUPPLY DEPARTMENT



FOR EASTER

3 BAMBOO POT COVER BASKETS

6½—7½—8½

Green and Brown, per set, 55c.

We can supply

Mats, Crepe Paper, Tape,
Chiffons, Tying Ribbons, etc.

Special Bull Dog Clip, per 1000, 65c



The only article for use in securing paper on plant quickly. Try them and see.

SWEET PEAS--A BIG CROP

All Zvolanek's fancy varieties. Prices according to length of stem. Extra long stem exhibition stock per 100, \$1.50. Good length stems, per 100, \$1.00. In lots of 500 or more at rate of \$7.50 per 1000.

American Beauties Per doz.

Heavy Cut of Short-Stemmed Stocks.

Extra long stem Specials.....	\$5.00
Medium	\$1.50 to \$4.00
Shorter lengths.....	.50 to 1.00

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

Extra long stems	\$10.00
Medium stems	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds 50c to 75c

Sunburst, White and Pink Killarney and Hillingdon

Extra long	Per 100 \$10.00
Good length.....	8 00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

Extra fancy Pink and White.....	Per 100 \$3.00 to \$4.00
Extra fancy Red Belle Washburn	4.00
Sweet Peas—Zvolanek's orchid flowering according to lengths of stems.....	1.00 to 1.50
Jonquils and Daffodils.....	3.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

LILY PLANTS

Ready to ship in bud after the 20th.

Plants 10 to 15 inches above pot, - - - 8c per bud

Plants 15 inches and over above pot, - - - 10c per bud

These plants are all giganteum and choice stock packed about 100 buds to the box without pots, the ball of dirt being securely wrapped in paper.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS

Chicago.

CARNATIONS ARE IN GOOD DEMAND.

Carnations have been in good demand all week and are cleaning up at an early hour each day at very satisfactory prices. The demand for white carnations for St. Patrick's day was fairly good but prices were not as high as in former years and most of the stock was sold at prices ranging from \$3 to \$4 per 100. Carnations in general are bringing better prices now than they did last week and some of the dealers are having considerable trouble in filling all their orders. American Beauty roses are none too plentiful in the longer grades and what stock is arriving is quickly sold at prices ranging from \$4 to \$5 per dozen but the stock offered is nothing to speak of and it is a question whether there are 100 perfect flowers to be found in the market on any one day. Roses in general are plentiful and obtainable at very reasonable prices. Mrs. Chas. Russell roses are in good supply but are not selling as well as

they might and very fancy stock is obtainable at very reasonable prices. Roses in general are plentiful and there are enough of nearly every variety to fill all the orders that are booked. Some especially fine Richmond and Mrs. Aaron Ward are to be had, but taken as a whole the quality of all the roses is unusually good. Sweet peas are in large supply and choice stock is obtainable at prices ranging from 75c to \$1.50 per 100. Tulips are not as plentiful as they have been but a good supply of freesias, daffodils, jonquils and Romans are still included in the shipments. Lilies are arriving in larger quantities and a good supply of fancy callas are being received. Violets are still plentiful but orchids, gardenias and lily of the valley are on the short side. Snapdragons, daisies, forget-me-nots, stocks, pansies, calendulas and mignonette are included in the offerings and are in good demand. Taken all in all business is better than anyone expected it would be and none of the wholesalers complain of dull

times. The retail florists have been none too busy but trade is improving with them and they no doubt will have their inning soon. Many of them are featuring blooming plants in their window displays and from present indications it appears as if there will be plenty of stock in this line for Easter with the exception of bulbous stock which will be very scarce. One of the large growers says that carnations will be scarce for Easter, which will have quite a bearing on the market conditions.

NOTES.

A. L. Vaughan & Co. are enjoying a splendid city as well as out-of-town business and it seems like old times to see the proprietor back on the job. Mr. Vaughan said that it felt pretty nice to wander about the old home plantation again down in Mississippi, which he visited while away on his southern trip a few weeks ago. The old colored mammy who looked after him when he was a youngster is still with the folks and who by the way is now 102 years old.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY CUTS OF ROSES

RUSSELL-WHITE KILLARNEY

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	.75c to 1.00

Killarney.....		
White Killarney.....		
Killarney Brilliant.....	Per 100	\$10.00
Sunburst.....	Select	8.00
My Maryland.....	Medium	6.00
Ophelia.....	Short	5.00
Richmond.....		
Milady		
ROSES, our selection.....		\$4.00

MRS. CHAS. RUSSELL

	Per 100
Specials	\$20.00
Select	15.00
Medium	12.00
Short	\$8.00 to 10.00
Carnations, fancy	3.00
" good	2.00
Harrisil.....per doz., \$1.50 to \$2.00	
Sweet Peas	\$1.00 to \$1.50
Valley	4.00 to 5.00
Violets .....	.75 to 1.00
Smilax.....per doz. strings, \$2.00	
Adiantum	1.00 to 1.50
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$3.00
Boxwood	per bunch, 25c
Galax, bronze and green...per 1000, \$1.00	
Leucothoe Sprays .....	.75 to 1.00

2,000,000 Feet of Modern Glass

Poehlmann Bros. Co. received a carload of boxwoods this week and are much pleased with the condition of the stock for it is all that can be desired. The demand for young rose stock and chrysanthemum plants is keeping up surprisingly well and the stock that they are offering is deserving of immediate buyers. The outlook for a brisk Easter trade in the plant department is very bright and they are fortunate in having a large supply of the desired stocks on hand to fill their orders with. August Poehlmann, who has been on the job early and late each day at the greenhouses, will attend the Fourth National Flower Show at Philadelphia.

C. L. Washburn and wife will leave for California March 24 and expect to be back home about April 6. Bassett & Washburn will have an exhibit of their new carnation, Belle Washburn, at the Fourth National Flower Show in Philadelphia, Pa., next week, which will give a good account of itself as it did at every other place where it was shown in the past. Ground has been broken at Gregg's Station for their Foley houses, consisting of 150,000 feet of glass.

Peter Reinberg has had a good call for stock all this week, especially carnations, which are none too plentiful and are bringing high prices. Emil Reichling, superintendent of the Reinberg greenhouses, leaves this week to attend the National Flower Show at Philadelphia, Pa., and the spring show at New York.

O. A. & L. A. Tonner are showing a fancy grade of sweet peas and stocks which they are receiving in large quantities in addition to a nice supply of roses, carnations and other seasonable stock.

M. C. Gunterberg is making ar-

rangements to take on a few more sweet pea growers so as to have enough stock to replace the violets when the season is over.

The Chicago Flower Growers' Association is handling about as fine a

grade of calla lilies as one ever had the pleasure to look upon.

Weiland & Risch are cutting from a nice crop of Mrs. Moorfield Storey roses which is one of the most popular sellers.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Supreme Quality

CARNATIONS

Positively the finest flowers now reaching this market.
Can fill your order—any amount—so place it with us.

Absolutely essential stock to the progressive florist
desirous of obtaining the best for the least money.

Chicago's Largest Dealers in Decorative Greens

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	\$1.50 to 2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$3.00	Good...100, \$2.00	Split...100, \$1.50
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SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50-3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengeri.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

The Golden Floral Co. opened a wholesale store at 173 North Wabash avenue on the second floor under the management of J. M. Lampert, a son of J. J. Lampert, of Xenia, O. This concern handles nothing but out-door flowers grown in the vicinity of Los Angeles, Calif., and receives two shipments a week, one on Sunday and the other on Wednesday.

Wietor Bros. are cutting a good supply of American Beauty roses in the longer stemmed grades which clean up readily at prices ranging from \$3 to \$5 per dozen. N. J. Wietor says that trade was very good the past week and that carnations especially were in brisk demand. He expects that they will be in short supply for Easter.

Percy Jones moved his office to the southeast end of his store this week which is much more convenient, and greatly improves the general appearance of Manager Van Gelder's ever-growing wholesale establishment. This firm is handling a large quantity of choice carnations which are in good demand and clean up well each day.

John Prochazka has placed an order with the John C. Moninger Co. for three new greenhouses, 40x250 feet, to be erected at his new place in Niles Centre. Mr. Prochazka is operating the range of houses in Rogers Park that he bought from Adam Zender several years ago but they will be torn down in the near future.

Chas. Erne, of Erne & Klingel, was discharged from the hospital Saturday, March 18, where he was confined for the past five weeks following an operation for rupture. He visited the store this week and it is needless to add his many friends are pleased to see him around again.

The George Witthold Co. is on deck as usual this year with a large quantity of Easter plants and are now booking orders for same. The retail department has been unusually busy with funeral work and store openings and trade so far during Lent has been surprisingly good.

James Forbes, with Martin Forbes & Co., Portland, Ore., passed through here this week on his way to the east, where he will attend the Fourth National Flower Show at Philadelphia, Pa., March 25-April 2 and the flower show at New York, April 5-12.

EASTER SUPPLIES

ORDER EARLY—PRICES RIGHT.

We are now ready to fill your orders, large or small, so if you are not already one of our customers, give us a trial today.

Full line of folding Cut Flower and Design Boxes, green and bronze Magnolia Leaves, Cycas Leaves, Ribbons in all leading shades Corsage Shields, Chiffons and Staple Supplies.

CUT FLOWER DEPARTMENT.

ROSES Carnations, Daffodils, Jonquils, Sweet Peas, Snapdragons, Tulips, Ferns, Galax, Boxwood, Leucothoe, etc. STOCKS

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

WANTED! SWEET PEAS!

Can handle more stock to good advantage. Do not stop to write but make shipments immediately Start today. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Mrs. S. Klunder, widow of the late Chas. S. Klunder, died suddenly at her home in this city, March 6, and was buried in the family lot at Mt. Hope cemetery the following Wednesday. She was 65 years of age and is survived by four children, Alma, Meta, Henry and Charles.

The Ruedlein Basket Co., 713 Milwaukee avenue, is mailing its new catalog of spring styles this week and is making preparations to handle a large Easter trade. Their line is complete in every respect and they never offered such splendid novelties before as they are this season.

A. T. Pyfer & Co. are handling a fine supply of stock of all kinds especially roses and carnations. Mr. Pyfer was more than pleased with the sales last week, both the local and out-of-town demand being exceptionally good.

Mrs. Allie Zech has returned from Rock Island where she has been visiting relatives for the past two weeks, so Allie has moved back home from his mother's where he was star boarder during that period.

J. C. Vaughan says he received a number of tax receipts March 16, signed in a good steady script by the late C. W. Northrup, of La Grange, who died March 12.

Richard Edwin Kidwell, son of Mr. and Mrs. Wm. F. Kidwell, and Mabel Louise McMullen were married Wednesday, March 15, and will be at home to their friends after April 15, at 4631 Lake Park avenue.

Chas. A. Samuelson, 2134 South Michigan avenue, was a visitor in the wholesale market this week. He says that his force has been busy with funeral work every day since Lent started in.

At J. A. Budlong's store the demand is very brisk for Double White Killarney roses, which they are growing on a large scale and is one of their best sellers.

Hoerber Bros. certainly do know how to grow snapdragons and are offering a good supply of unusually fine stock in this line this month.

A loop drug store is giving a daffodil or hyacinth plant free with every purchase of 60 cents or more in their candy department this week.

Louis Hoechner of the Peter Reinberg store force is receiving treatment for rheumatism at West Baden, Ind.

Chas. A. Klunder has taken charge of Hillman's retail cut flower department starting in Monday, March 20.

J. A. Mendel, 1424 West Eighteenth street, is taking the bath treatments at West Baden, Ind.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
" 2572
Auto. 46-734

CHICAGO

**Beauties, Roses, Carnations, Tulips, Lilies, Violets,
Valley, Orchids, Sweet Peas, Freesias, Jonquils, Etc.**

Exceptionally Fine Stock for long distance shipping orders. None better obtainable elsewhere.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.
Long stems		\$ 5.00
36-inch stems		4 00
30-inch stems		3 00
24-inch stems		2 50
20-inch stems		2 00
18-inch stems		\$ 1.00 to 1.50

MRS. CHAS. RUSSELL.		Per 100
Specials		\$25.00
Select		20.00
Medium		10.00 to 15.00
Short		6.00 to 8.00

ROSES.		Per 100
White Killarney...		
Killarney		
Killarney Brilliant.		
Ward		
Sunburst		
Ophelia		
Maryland		
Richmond		
Milady		
Roses, our selection.		

CARNATIONS, select		Per 100
"	fancy	\$ 1.50 to \$2.00
		3.00 to 4.00

MISCELLANEOUS.		Per 100
Cattleyas	per doz., \$6.00 to \$8.00	
Valley		\$ 4.00 to \$5.00
Violets		.50 to 1.00
Freesias		3.00 to 4.00
Romans		2.00 to 4.00
Tulips		2.00 to 4.00
Lilies	per doz., \$1.50 to \$2.00	
Callas	per doz., 2.00	
Sweet Peas		1.00 to 1.50
Smilax	per doz., \$2.00	
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus	per bunch, .35c to 50c	
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Leucothoe Sprays		.75
Mexican Ivy		.75

Mention the American Florist when writing

Z E C H M A N N

Better Than Ever

ORCHID FLOWERING SWEET PEAS

Exceptionally fine stock grown by the leading Sweet Pea Specialist in this section of the country and considered by the city buyers as the best obtainable in this market. Can supply any quantity at prices that will meet with your approval.

**ROSES --- CARNATIONS --- LILIES --- CALLAS
VALLEY and All Seasonable BULBOUS Stock**



Our Line Is So Complete That It Includes Every
Item Offered In The Great Chicago Market.



30 E. Randolph St.,

L. D. Phones
Central } 3283
" } 3284
Automatic, 42-965

Chicago

Paul Blome & Co., 1361 North Clark street, report business as good and deny the report that they are to open a new store at the corner of North Clark and Division streets in the near future. Arthur Christianson is still in the employ of the Blome Brothers. Paul and Arthur, who have built up a nice trade in this locality.

H. N. Bruns is making a fine showing of blooming plants at his West Madison street store and conserva-

tories, which is proving to be a splendid advertisement. Some specially well grown rhododendrons were noticed and he says that his best seller in this line is Pink Pearl.

Victor Young & Co., 1239 North Clark street, report a good demand for cut flowers and plants, especially bulbous stock. This firm has a very pretty store and Mr. Young always takes great pleasure in keeping it in tip-top shape. He is ably assisted by

Al. Miller, who has charge of the decorating department.

E. G. Bowen has moved from 108 East Fifty-first street into much better and larger quarters at 3167 Broadway.

The E. C. Amling Co.'s store presents a most inviting appearance with its new coat of white calcimine.

A. L. Randall and wife have returned from the east, where they visited New York and other cities.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Frank Oechslin has a splendid supply of plants for his Easter trade, especially hydrangeas, rhododendrons, azaleas, etc. His new home will be ready for occupancy soon and is modern in every respect. One room particularly attracts the attention of the visitors, for the ceiling is decorated with an old Swiss castle, in which he was born, and other Alpine scenery.

W. N. Rudd and wife left for Philadelphia, Pa., Tuesday evening, March 21, to attend the Fourth National Flower Show. Their daughter, Phyllis, who is a student at Cornell University, and Margaret, who has been in New York for some time, will join them there and it is needless to add, the reunion will be a most pleasant one.

Vaughan's Seed Store employes have arranged a Spring Blossoms party to be held at Eckhardt Park hall, Chicago Avenue and Noble street, Saturday evening, April 1, entre at 8 o'clock.

The E. F. Winterson Co. is handling a good supply of cypripediums from the Mt. Greenwood Cemetery Association's greenhouses.

Visitors: —, Green, with Nanz & Neuner Co., Inc., Louisville, Ky.; James Forbes, Portland, Ore.

Kansas City.

MARKET CLEANS UP DAILY.

The supply of stock on the market during the past week has been plentiful and prices have dropped in some lines, but the demand has been good and the supply cleans up daily. Funeral work continues in the lead and there are a number of orders for decorations being booked. Bulbous stock is coming in fast, but meets with a good demand. Most of the florists are displaying it attractively and a daily clean up generally is the result. Sweet peas and lilies are also seen in quantity.

NOTES.

The Alpha Floral Co. keeps its force stepping fast to keep up with orders, business being very brisk both local and out-of-town. The demand for funeral work has been heavy at this establishment and the night force is kept busy getting out the train orders and preparing for the next day.

H. Kusik & Co. report good business conditions. This firm is working hard to try and catch up with their

orders for wire work, the demand being so heavy that they are sometimes weeks behind.

W. J. Barnes is cutting an immense quantity of bulbous stock, the demand for which is very heavy at present. Pot plants sell especially well. Funeral work has been heavy during the past week.

T. J. Noll & Co. report a good shipping trade. They are handling a good stock of roses, carnations, sweet peas and violets, among other items, and the stock cleans up daily.

Wm. L. Rock Flower Co. is cutting about 4,000 carnations and 2,000 roses daily. Pot plants are good sellers here and Butterfly sweet peas are a feature.

August Luther reports good business in pot plants. He supplied 400 ferns for the decorations at the Jones department store last week.

The Peterson Floral Co. has been busy with orders for funerals and decorations. They report a steady increase in business.

Geo. M. Kellogg Flower & Plant Co. reports business good in all departments. Stock from the greenhouses is coming in nicely.

Samuel Murray and Wm. L. Rock will attend the Fourth National Flower Show at Philadelphia. Both will act as judges.

Arthur Newell reports trade first-class. He has a good call for pot plants, basket arrangements and cut flowers.

Chas. Biedermann & Son report a good increase in sales. Stock in their houses is looking in prime condition.

J. Austin reports stock at his range is coming along fine. He has been very busy with funeral work.

A. F. Barbe has started his new range. He reports good business.

E. J. B.

GRAND RAPIDS, MICH.—The Crabb & Hunter Floral Co. has established a branch in the Hotel Pantlind.

VINTON, IA.—The greenhouses of Urice Bros. were almost completely destroyed by fire, February 21. The loss is well covered by insurance.

DANVILLE, ILL.—Peter Britz will add one new house, 40x150 feet, to his range. It will be devoted to grafted roses exclusively, with the exception of Sunburst, which will be planted on its own roots.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...	\$8.00 to \$15.00
Ophelia	Special.....10.00
Sunburst.....	Long.....8.00
Killarney.....	Medium .....6.00
W. Killarney...	Short...\$3.00 to 4.00
Kill. Brilliant..	

CARNATIONS, De Luxe, select..	4.00
Good.....	3.00

Miscellaneous

Jonquils	\$ 2.00 to \$3.00 per 100
Daffodils.....	3.00 to 4.00 per 100
Freeseias	2.00 to 3.00 per 100
Lilies.....	10.00 to 12.50 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.50 to	.75 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Tulips.....	3.00 to 4.00 per 100
Ferns.....	3.00 per 1000
Asparagus.....bunch, 35c to 50c each	
Sprengeri .....bunch, 25c to 35c each	
Galax	\$1.00 1000
Mexican Ivy.....	.75c per 100
Boxwood.....large bunch, 25c each	

Subject to Market Changes.

Cleveland.

AMPLE SUPPLY WITH GENEROUS DEMAND.

The demand during the past few weeks has kept up remarkably well, and while stock has not been over-plentiful, it has been sufficient to meet a healthy call. St. Patrick's day business this year was somewhat better than that of a year ago, notwithstanding the fact that white carnations were in short supply, not enough being obtainable to meet the requirements. There was also a shortage of green dye on the local market. Sweet peas are rather plentiful, but are moving well at reduced prices. There is not much call for violets, the weather being too cold for corsages. Funeral work is plentiful and keeps the market cleaned up on short roses and bulbous stock. Lily of the valley is better than it has been for some time past. Easter and calla lilies clean up daily, and orchids, both Cattleya Trianae and Schroederae, are in good supply and sell well. A large funeral during the past week created a demand for large numbers of violets, lily of the valley and long American Beauties. A few daisies, snapdragons, ageratums and calendulas arrive, but the supply is very limited. Bulbous stock, while in demand, and the quality is exceptionally good supply, meets with a good demand. Paper White narcissi are scarce. Asparagus plumosus and Sprengeri have also been short of the demand. Ferns are arriving in better supply. A few long stemmed American Beauties are being received; also some very good Rhea Reid, Ward and White and Pink Killarney roses.

NOTES.

The Cleveland Florists' Glee Club had their first meeting last week at "Doc. Cook's" house on East Seventy-fifth street near Hough avenue. Eleven embryo artists showed up and went through the preliminary work, and some very good talent was discovered among the boys. It is hoped the next time more will come and make this glee club one of the big features of the florists' club. Meetings are to be held once a week. Notices will be sent by mail, or call Frank Ritzenthaler, at Knoble Bros., for any information. The cost is nominal and a good instructor, with years of experience in vocal instruction, has been engaged. Also come to the florists' club meetings. A lecture by some one prominent in some line of floriculture

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

HEAVY SUPPLY OF THE BEST ROSES AND FANCY CARNATIONS

You can increase your profits and business by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

CHOICE CALLA LILIES

Unusually Fine Stock at \$1.50 per Dozen.

ture or horticulture has been engaged for all meetings, and growers especially will be much interested, as valuable advice regarding soils and plant food and their uses by experienced men are brought out in these lectures.

C. F. B.

Minneapolis.

SATISFACTORY SALES AT GOOD PRICES.

The supply of stock is more plentiful with the exception of tulips. Roses have taken a drop in price. Good home grown violets are in good supply and carnations are holding up in price. Paper Whites have gone and left a record, having produced the best results for growers ever known, prices having ranged from three cents to five cents, with an average of four cents all through the winter. St. Patrick's day brought forth good business and flowers of all kinds cleaned up well at good prices.

NOTES.

The bowling teams representing Rice Bros. and the L. S. Donaldson Co., have completed their series of 33 games which comprised the winter

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experience.
Shippers in Southern California
751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

schedule. Rice Bros. team won 17 games in the series. A banquet followed the close of the series which ended March 16.

A large number of the florists of this city accompanied by their ladies attended the dance given by the St. Paul Florists' Club. All who attended enjoyed the dancing and the supper served by the St. Paul hostesses was a treat in itself.

H. B. Whitted had a novel St. Patrick's day window that blocked traffic in front of the shop. It contained a figure of a native of "the old sod" with his dog, reclining on a settee and smoking his pipe of clay.

The meeting of the florists' club at the Nicolett hotel March 14 was well

attended, but owing to the amount of business on hand the essay of Max Kaiser was postponed until the next meeting.

O. E. Amundson has been busy meeting various civic committees in the campaign to clean the sidewalks of all obstructions, which will result if the present city ordinances are enforced.

Louis Dancik, of the Northwestern Wire Works, is circulating a petition to the health commissioners to stop the sale of cemetery work.

C. S. Ford made a short call on the trade, being called back to attend the Philadelphia show.

T. C. R.



SPECIAL EASTER OFFER

24 Plant Baskets \$10
Smaller Sizes

Same lot in Two-tone finishes, \$15.

24 Plant Baskets \$15
Larger Sizes

Same lot in Two-tone finishes, \$20.

EVERY basket in either assortment is worth at least 80 cents and is suitable for all Easter plants, such as Lilies, Hydrangeas, Rhododendrons, Azaleas, Lilacs, Spiræas, Roses, and all other Easter flowering and foliage plants. You cannot afford to pass either one of these offers by, so send in your order today.

✉ Write for our new Catalog of Spring Styles just off the press.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

Phone, Monroe 4977.

CHICAGO, ILL.

Pittsburgh.

BUSINESS OUTLOOK ENCOURAGING.

After a week of unusually cold weather, the outlook is that milder weather may be looked for from now on. The cold snap effected a slight shortage in the local market, but not to any marked degree. Prices have remained normal, however, but of late have shown a slight decline. Some exceptionally heavy snow storms have hampered shipping facilities to a great extent, many trains arriving in Pittsburgh as much as 12 hours late, frozen shipments also having been received in many cases. The retailers' reports of business are very encouraging, which, of course, has a like effect on the wholesalers' end.

NOTES.

The Ludwig Floral Co. executed a handsome piece of work in a replica of the seal of Pittsburgh made entirely of immortelles, for the celebration of the centennial of the incorporation of the city of Pittsburgh, which was celebrated March 18.

The engagement of De Forest W. Ludwig, son of E. C. Ludwig, to Miss Irene Kalbaugh Collins of Meyersdale, Pa., is announced. The wedding will probably take place during the summer.

Albert Niggel announces a banner business for his first two weeks in his new Allegheny Market location, running strong on decorative and artificial work.

The McCallum Company will soon begin work on an addition of two new houses 40x300 feet each, which will be devoted entirely to roses.

H. J. Kreuger, of Meadville, is planning on adding two 150 foot houses to his range this spring.

Randolph & McClements have add-

ed a new auto truck to their delivery fleet.

Visitors: Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, Pa.; M. Alexander, of Lion & Co., New York; R. E. Blackshaw, of A. L. Randall Co., Chicago. G. M.

Cincinnati.

GOOD LENTEN DEMAND.

The demand for stock is steady and active and has brought about a good Lenten market. Nearly everything is selling at fair prices. The supply has shortened somewhat. Rose receipts are about equal to the demand. Carnations are rather short and at the time of this writing, many more would find a ready sale. The Easter lily cut has shortened greatly. With the exception of daffodils and jonquils, bulbous stock is not very plentiful. The demand for lily of the valley varies; one day it is good and the next day poor and depends largely upon the supply of other stock and the general demand therefor. Other offerings include orchids, violets, sweet peas, callas, rubrums, snapdragons and forget-me-nots. Smilax is not very plentiful.

NOTES.

Jos. Goldman, of Middletown, O., furnished a large amount of the cut flowers for the Alms & Doepke opening last week.

Wm. Gardner, of Richmond, Ind., has been shipping an excellent lot of roses and carnations to C. E. Critchell.

Gus Adrian has had a good call for his bulbous stock all season and now is nearly cleaned out. H.

LOWELL, MASS.—John S. Haynes, florist, has been awarded the contract for supplying the flowers and shrubs required for Larcom park.

St. Louis.

WEATHER AFFECTS MARKET.

The weather, during the past week, has had its effect on the supply of sweet peas and violets, and it can be said that the market has not been overstocked with flowers. Roses are not plentiful, but white carnations filled the demand for St. Patrick's day, and the call kept the prices up. Southern jonquils are arriving in good supply and meet with a ready sale, the prices being reasonable.

NOTES.

Adolph Steidle, son of John Steidle, of Olivette, Mo., and an employe of the Scruggs-Vandevoort-Barney Co., met with a serious accident last week. While taking down a decoration he fell through a glass show case, but we are glad to report that he is recovering from his injuries.

H. G. Berning, the well-known wholesale florist, is featuring some exceptionally fine Russell and Killarney roses at his establishment on Pine street.

Mullanphy Florists, at their downtown store, arranged a very attractive St. Patrick's day window, a map of Ireland being designed in flowers.

C. Young & Sons Co. report a very busy week at their Olive street establishment. They are making preparations for a big spring business.

The Windler Wholesale Floral Co. has had a very busy week. Some fine spring stock is a feature at this establishment.

Several large dinners and St. Patrick's day parties helped sales last week.

The retail florists' association will hold its annual banquet March 20.

Visitors: Sam Seligman and Julius Dilhoff, New York.

J. E. H. S.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

WIRE HANGING BASKETS

Our Baskets are made strong and substantial, so do not compare them with other "cheap" made-up baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	\$1.25	14 inches	\$2.50
10 inches	1.50	16 inches	3.00
12 inches	2.00	(Larger sizes to order.)	

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles)	\$1.25
Per 5 bale lots for	6.00

GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

INDIANAPOLIS, IND.—A new range of greenhouses to cost \$50,000 will be erected in Garfield park.

ORONO, ME.—The Maine Florists' Society has elected the following officers for the ensuing year: John H. Stafford, Bar Harbor, president; C. C. Strout, Biddeford, vice-president; Ernest Saunders, Lewiston, treasurer; R. T. Muller, Orono, secretary.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" " short	50@ 75
Mrs. Chas. Russell	1 00@ 4 00
" " Hoosier Beauty	5 00@15 00
" " Killarney Brilliant	4 00@12 00
" " Killarney	3 00@12 00
" " White Killarney	3 00@12 00
" " Richmond	3 00@12 00
" " Prince de Bulgarie	4 00@12 00
" " Rhea Reid	4 00@12 00
" " My Maryland	3 00@12 00
" " Mrs. Geo. Shawyer	4 00@12 00
" " Milady	4 00@15 00
" " Sunburst	4 00@12 00
" " Mrs. Aaron Ward	4 00@12 00
" " Hadley	4 00@12 00
" " Ophelia	4 00@12 00
" " Double White Killarney	4 00@12 00
" " Mrs. Moorfield Storey	4 00@15 00
" " Our selection	5 00
Carnations.....	1 50@ 3 00
Cattleyas.....per doz.	8 00
Gardenias.....per doz.	3 00@ 4 00
Jonquils.....	3 00@ 4 00
Freelias, Tulips.....	3 00@ 4 00
Lilium Harrisii.....	10 00@15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	3 00@ 4 00
Romans.....	3 00@ 4 00
Sweet Peas.....	75@ 1 50
Valley.....	4 00@ 5 00
Violets, single.....	50@ 75
Violets, double.....	30@ 50
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000.	5 00@6 00
Plumosa Strings.....each.	60@ 75
Smilax.....per doz.	2 00@2 50
Sprengerii, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50:

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.

Mention the American Florist when writing

NEW BEDFORD, MASS.—R. H. Woodhouse has returned to his former location at Ward and Allen streets.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

LENTEN BUSINESS CONTINUES GOOD.

The Lenten days' demand continues to hold very well, the marketable stock being all taken at very good figures. St. Patrick's day was featured by several of the trade, but aside from a few timely novelties and the sale of shamrocks, it was not much of a factor. White carnations advanced in price on account of the demand of those who greened them for Paddy's day. All first class stock sold at \$6. It seems that all popular stock is scarce and there is but little reduction in prices over those of a couple of weeks ago. Roses, as a rule, are fine. American Beauties are still very shy, it being difficult to get a dozen without placing an order a day or two ahead. White roses are also scarce, being used up daily as they arrive. Snapdragon is more in evidence, some very good stock being seen. Daffodils have been very good; they have sold up close nearly all the time, and Saturday night, March 18, found the market entirely cleaned up. Gardenias are quite plentiful, being seen in quantity with the street men for 10 cents each, and quite good stock it is. Violets are nearly out, although some cold frame stock is still offered. Sweet peas are as popular as ever. Some splendid orchid-flowering sorts are seen, notably Yarrowa, which is a large flower on a remarkable stem. Now that the sun is growing stronger the dropping of buds will cease and the market will soon be stocked with a brilliant range of colors and splendid flowers. Easter lilies are very good; they appear to sell at sight at \$15, a corking good price for the season.

THE FLOWER SHOW.

All eyes are now turned toward this great exhibition, as the time is almost here for the opening. Every preparation has been made to insure success from an artistic standpoint, while the display of well-grown plants from the greenhouses and conservatories of the private estates of this neighborhood, which have been prize winners at both the Boston and New York shows, will quite exceed any former exhibition. The Gude Bros. Co., Washington, D. C., will display a very large collection of orchid sweet peas in tubs, great vines fairly loaded with flowers; they will be a great feature. Thos. Roland's acacias, the beauty spots of the former Boston and New York shows, will be a revelation to those who see them for the first time. As they say of the circus features, "They alone will be worth the price of admission." Then there are the rose gardens and hundreds of other wonderful things. Twenty thousand trade tickets have already been sold—a splendid nucleus to build on. George Asmus and John Young arrived March 14 and will be on the job until the great show is over. E. J. Fancourt, who has just returned from a trip through the west, found unbounded enthusiasm. He reports quite large delegations coming from all the large cities, even as far west as the Pacific coast. The banquet to be tendered to the visitors will be the greatest event of its kind ever given in this country; Horticultural hall will be taxed to its utmost to accommodate the local club and their guests.

Wholesale Flower Markets

BOSTON, Mar. 22.		Per 100
Roses, Beauty.....	40 00@60 00	
" Killarney Queen.....	4 00@16 00	
" White and Pink Killarney.....	4 00@16 00	
" Double White Killarney.....	4 00@16 00	
" Killarney Brilliant.....	4 00@20 00	
" Hadley.....	6 00@25 00	
" Cardinal.....	6 00@25 00	
" Mock.....	8 00@35 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	6 00@12 00	
" Milady.....	6 00@12 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	5 00@5 00	
Cattleyas.....	35 00@50 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@2 00	
Carnations.....	1 00@2 00	
select.....	2 00@3 00	

BUFFALO, Mar. 22.		Per 100
Extra Special Beauties.....	35 00@40 00	
Roses, Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" My Maryland.....	6 00@10 00	
" Killarney Queen.....	4 00@8 00	
" Richmond.....	6 00@15 00	
" Sunburst.....	4 00@10 00	
" Ward.....	4 00@6 00	
" Taft.....	5 00@12 00	
" Ophelia.....	6 00@10 00	
" Francis Scott Key.....	8 00@15 00	
" Shawyer.....	5 00@12 00	
" Bon Silene.....	3 00@4 00	
Lily of the Valley.....	4 00@5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@3 00	
Snapdragons.....	6 00@10 00	
Violets.....	5 00@6 00	
Yellow Tulips.....	2 00@3 00	
Daffodils.....	2 00@3 00	
Freesias.....	2 50@4 00	
Paper Whites.....	2 00@3 00	
Asparagus Sprengeri.....	35@50	
Ferns.....per 1000.....	2 50	
Smilax.....	15 00	

CINCINNATI, Mar. 22.		Per 100
Roses, Beauty.....per doz.....	\$1 50@5 00	
" Killarney.....	3 00@8 00	
" My Maryland.....	3 00@8 00	
" Richmond.....	3 00@8 00	
" Taft.....	3 00@8 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus.....per bch.....	25c	
Orchids.....per doz.....	6 00@7 50	
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35@50	
Narcissus.....	2 00@3 00	
Sweet Peas.....	25@1 00	
Daffodils.....	2 00@3 00	
Jonquils.....	2 00@3 00	
Hyacinths.....	4 00@5 00	

NOTES.

Alphonse Pericat, of Collingdale, whose specialty is orchids, met with a disastrous loss by fire March 16, which started in his shed over the boilers and which connected a range of six houses. These were more than half destroyed and as the night was bitter cold, the thermometer registering ten above zero, nearly all the stock of thousands of valuable orchid plants were a total loss. The fire was finally put out by the local fire company. Mr. Pericat estimates his loss at about \$25,000, on which there is a small insurance. He will rebuild and restock the new houses as quickly as possible. One large house, heated by another boiler, escaped the flames and some of the stock of the other houses was saved by being removed there. Mr. Pericat has the sympathy of the entire trade in his great loss.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russell's, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ransford St., PHILADELPHIA, PA.

The exhibit of the Whilldin Pottery Co. at the Fourth National Flower show will contain some unique pots of other days, such as were in use in Pennsylvania over 40 years ago. Some are square and there are others with many interesting points.

The M. Rice Co. is making ready to entertain their many customers who are expected to visit the flower show. Their Easter stock will be a revelation.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Henry A. Dreer, Inc., will exhibit about 2,000 roses in pots at the flower show. Most of them hybrid teas of well known sorts, as well as many of the new varieties. All have been disbudded to get large flowers. There will also be an exhibit of all the climbers. Robt. Craig, who has seen the collection, says such a well flowered lot of plants has never been seen before in this country.

F. A. Steinhoff has been compelled to give up his cut flower and plant business in the Snellenberg department store, which was opened under such favorable auspices a year ago last fall. To the trade it looks as if the store company desired the business for themselves, with the result that Mr. Steinhoff has to look elsewhere to continue his business activities.

The Leo Niessen Co. is featuring American Beauties, as their new crops are reported in sight. The spring American Beauties are a very prolific crop, and in the full cutting this company has them to burn. Spencer sweet peas are also seen in quantity.

Edward Reid is busy canvassing Lansdowne, in the interest of the great banquet. He is meeting with good success. Business, he reports, is very good for Lent. Mock roses are a feature here.

Zero weather on March 18 is a record for this "neck of the woods." This is what Charley Hartley's glass registered at 6 a. m. on that day. Others made it 4°, 6° and 8° above.

G. A. Leins has purchased the business of Albert Maurer, 2016 Columbia avenue, and will conduct it on the same lines as his store at Twenty-ninth street and Girard avenue.

Berger Bros. are featuring spring flowers. Orchid sweet peas, Easter and calla lilies and choice roses are staples at this time.

K.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Mar. 22.		
Roses, Beauty, extra.....	50 00@65 00	
" first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Opheelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@1.50		
Sweet Peas.....	1 00@ 2 00	
Snapdragons.....	8 00@20 00	
Calendulas.....	4 00@ 5 00	
Mignonette.....	3 00@ 5 00	
Violets, single.....	50@ 75	
Asparagus..... per bunch, 50		

PITTSBURGH, Mar. 22.		
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@ 8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Gigantum.....	12 00	
Sweet Peas.....	50@ 1 50	
Spanish Iris.....	6 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, Mar. 22.		
Roses, Killarney and W. Killarney	4 00@10 00	
" Ward.....	4 00@ 8 00	
" Mrs. Chas. Russell.....	8 00@25 00	
" Opheelia.....	4 00@ 8 00	
" Hoosier Beauty.....	4 00@10 00	
Lilies..... per doz., 1 50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	1 00@ 1 50	
Carnations.....	1 50@ 3 00	
Snapdragons..... doz., \$1 00@1 50		
Daffodils.....	3 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Mar. 22		
Roses, Beauty, long.....	35 00@50 00	
" medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@10 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	4 00@ 8 00	
" Sunburst.....	5 00@10 00	
" Opheelia.....	6 00@12 50	
" Hoosier Beauty.....	8 00@12 50	
Valley.....	4 00	
Carnations.....	3 00@ 4 00	
Orchids.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilies.....	10 00@12 50	
Rubrum Lilies.....	10 00	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 3 00		
Bronze Galax..... per 1000, 1 25		

New York.

SUPPLY EXCEEDS DEMAND.

The business of the past week was rather quiet; arrivals were not heavy, but there was more than enough stock to supply the demand. On account of St. Patrick's day, there was quite a flurry in carnations, there being sales at the rate of \$4, \$5 and even \$6 per 100, but by March 18 there was something of a surplus. The weather has been cold, with high winds, such as raze the greenhouses and reduce the supply of stock. On March 18 some stock reached the wholesale district in a frozen condition. A man, who has lived near the Hackensack river for forty years says that he can recall no previous corresponding date when there was so much ice in that river, and it is agreed that it takes cold weather to freeze the mixture of chemicals that compose the Hackensack river. Returning to the supply of stock, American Beauty roses are more plentiful and the top price is at the rate of \$50 per 100, but many sell for less. Nearly all the growers seem to be sending in sweet peas, and there is a pronounced surplus. The old fashioned sweet peas are down and out. Even the finest orchid flowered stock is hard to move. It may be presumed that a week of warmer weather will greatly increase the supply of all stocks, and that prices, which have hitherto held up fairly well, will take quite a drop.

March 20.—The weather is fair and more moderate and buying is fairly active in the wholesale district. The supply of stock in roses and carnations is not heavy. Orchids and gardenias, which moved freely two weeks ago, are now very slow. It is next to impossible to move violets, the street men having a monopoly of that branch of the business. There are so many fine orchid flowered sweet peas about that the short stock has little chance. There is a moderate movement in lilies, lily of the valley, tulips and narcissi.

NEW YORK DAY AT PHILADELPHIA SHOW.

All aboard for the Fourth National Flower Show, Philadelphia!

That is the slogan being sounded by the New York Florists—and all the other florists within 100 miles of New York. Tuesday, March 28, is the date on which this great aggregation of celebrities will entrain for the Quaker City, and you may guess that there will be some doings. After carefully studying the dictionary, we concluded that "celebrities" was the best word to use and we are going to prove it. There will be President Weston of the New York Florists' Club and this grand array of ex-presidents of that club: Alex. S. Burns, W. A. Mandan, Patrick O'Mara, Walter F. Sheridan, Frank H. Traendly, Chas. H. Totty, A. L. Miller, Joseph A. Mandan, John B. Nugent, W. H. Siebrecht, Sr., and Harry A. Bunyard. Patrick O'Mara and Frank H. Traendly have already been worthy presidents of the Society of American Florists, and writing confidentially, we could pick out several others who would worthily wear the ermine, mantle or whatever it may be called, but as there is to be no politics in this, we are not booming our favorite sons. M. A. Bowe, president of the Associated Retail Florists; G. E. M. Stumpp, Max Schling, A. Kottmiller, Andrew Scott and many other retailers, all good men, will join the party. Then, there is the Greek-American Florists' Association, composed of as good looking and well behaved company of men as can be found in the business. Such veteran Greek florists as George D. Nicholas, D. J. Pappas, Theodore Ma-

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

landre, N. Christatos, Costos Sakelos and the Tryforos brothers are expected to join the party. It has been a good winter and everybody can afford to take a day off, so we predict that after 10 a. m., March 28, the office boys will advise callers that: "Everybody gone ter Philadelphia."

NOTES.

J. F. Bradshaw, a florist of Wallace, North Carolina, visited this city during the past week. He is a clever and able man and made a fine impression on the trade he visited in this city. We hope to see him again. North Carolina is a state that possesses many of the most tried and true Americans and North Carolina will be written large in future history.

It now turns out that it was Frank H. Traendly who originated the idea of the alumni dinner of the ex-presidents of the florists' club. The genial Frank is quite a busy thinker.

The Orpheum Floral Studio is the name of a new retail store just opened at 578 Fulton street, Brooklyn, under the management of Louis Michel. It is in the Orpheum Theatre building.

Malandre Brothers, 2077 Broadway, are showing very fine stock in bougainvilleas, azaleas, rhododendrons and other plants. This firm is doing a fine business.

Thomas F. Galvin, of Boston, has been spending some time at his New York store. He reports a good season's business at his Boston stores.

We understand that the damage from the recent fire in Reed & Keller's factory has been repaired and that they are again occupying it.

At Gunther Brothers, 112 West 28th street, we have recently noticed fine lily of the valley from the Dale estate, Brampton, Ont.

Charles A. Dards sailed from San Francisco for Japan, March 4. It is expected that he will be absent about four months.

J. H. Small & Sons announce that May 1 they will remove to 505 Madison avenue, at 52d street.

Moore, Hentz & Nash are handling particularly fine stock of the rose, Killarney Queen.

A. F. F.

Bowling at New York.

The New York Florists' Bowling Club rolled the following scores, Thursday, March 16:

W. H. Siebrecht, Sr.	157	147	153
C. W. Scott	159	182	167
Jacobson	167	156	194
Fenrich	151	200	178
Miesem	188	211	176
Riedel	148	154	157



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

Providence, R. I.

TRADE SHOWS INCREASE.

Business during the past week has been good. Floral work continues heavy and there is an increased demand for cut flowers. Carnations have been rather short, but the supply is steadily increasing and the demand is keeping pace. Sweet peas are of good quality and the call for them is good. Daffodils are arriving in good supply, as are poeticus, but the call is moderate. Bulbous stock will be very good in quality for the Easter trade and the supply will be about normal.

NOTES.

H. A. Burlingame has some of the finest violets that have been seen here this year, but as the violet trade is not as good in this locality as it has been in former years, he is shipping most of them to the New York markets, where they are in demand at good prices.

Macrae's carnations are in splendid condition and he finds the demand equal to his cuts.

Barker, of Warren, R. I., is sending some very good violets to this city.

H. A. T.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

NEW YORK CITY

Telephone:
3864 Farragut.**BADGLEY & BISHOP, Inc.**

Successors to Badgley, Riedel & Meyer.

Phones: 1664 Madison Square, 1665 Square, 34 W. 28th St., New York

Receivers and Distributors of

CHOICEST CUT FLOWERS**Riedel & Meyer, Inc.**

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No. 2264 Farragut.

J. J. COAN, Inc.

Wholesale Commission Florist.

115 W. 28th St., NEW YORK

Telephones: Farragut 5413 and 5891.

Fine stock of all the NEW ROSES.

Carnations, Sweet Peas,
Azaleas, and other**EASTER PLANTS**

and Everything in Cut Flowers.

Consignments Solicited.

Wholesale Flower Markets

NEW YORK, Mar. 22.

Per 100

Roses, Beauty, special.....	40 00@50 00
extra and fancy.....	30 00@35 00
" " No. 1 and No. 2.....	6 00@10 00
" Prima Donna, special.....	8 00@25 00
" Alice Stanley.....	3 00@12 00
" Francis Scott Key, special.....	8 00@10 00
" Mrs. Geo. Shawyer.....	2 00@10 00
" White Killarney, special.....	8 00@10 00
" Killarney, My Maryland.....	8 00@10 00
" special.....	8 00@10 00
" " No. 1 and No. 2.....	2 00@ 3 00
" Queen.....	3 00@12 00
" Brilliant.....	3 00@10 00
" Aaron Ward.....	3 00@12 00
" Richmond.....	2 00@ 8 00
" Sunburst.....	2 00@10 00
" Taft.....	3 00@12 00
" J. L. Mock.....	2 00@10 00
" Hadley.....	4 00@35 00
" Ophelia.....	2 00@12 00
" Mrs. Chas. Russell.....	2 00@10 00
" Hoosier Beauty.....	2 00@12 00
Cattleya Orchids, special.....	35 00@40 00
inferior grades.....	15 00@20 00
Lilies, Longiflorum and Harrisii.....	6 00@ 8 00
Lily of the Valley.....	2 00@ 3 00
Carnations.....	2 00@ 3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings.	1 00@ 1 25
Gardenias..... per doz.	1 00@ 3 00
Violets, single.....	40@ 50
double.....	25@ 35
Sweet Peas, orchid flowered.....	1 00@ 1 25
common.....	15@ 25
Mignonette..... per doz., 50c@ \$1 00	
Pansies, cut.....	20@ 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Tulips.....	1 25@ 3 00
" Flamingo.....	3 50@ 4 00
White Lilac..... per bunch, \$0.75@ \$1.50	
Snapdragons..... per doz., 1.25@ 1.50	
Callas..... per doz., 1.00@ 1.50	

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS**WHOLESALE PLANTSMEN AND FLORISTS**Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.**The Kervan Company****FRESH CUT EVERGREENS**and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Farragut 2164-5893

119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

M. C. Ford121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS

Wholesale Florist

106 W. 28th St., NEW YORK

**Walter F. Sheridan**

Wholesale Florist

Telephone Call: 3532-3533 Farragut 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and
Seasonable Flowers.**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phones: 558, 2036, 2037 Farragut.

20 Years' Experience.

D. C. ARNOLD & CO., Inc.

Wholesale Florists

112 W. 28th St., NEW YORK

Telephone 2287 Farragut

CONSIGNMENTS SOLICITED.

Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Farragut.

CONSIGNMENTS SOLICITED

Mention the American Florist when writing

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut 4422
4423

PERCY W. RICHTERS, Manager.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.

RETTA E. RANKIN, Manager.

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.



LILY.

AZALEAS

Mme. Vander Cruysen, Schryveriana, Prof. Walters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak. All colors in bloom, 75c to \$2.50 each; specimens, \$3.00 to \$7.50 each.

SPIREAS

Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1.00 each.

HYDRANGEAS

Mostly French varieties, 75c, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 each.



SPIREA.

EASTER PLANTS

LILIES

Order What You Need From Us For Our Supply Was Never So Large Or As Fine As It Is This Year

Fine Strong Heavy Flowers. First-Class Medium Length Stock, 14 to 18 Inches High.

1500 plants in lots not less than 1000, \$100 per 1000 buds and blooms

500 plants in lots not less than 300, 110 per 1000 buds and blooms

Short Lily Plants, 8 to 10 inches high, 4 blooms, 40c; 5 blooms, 50c; 6 blooms, 58c; 7 blooms, 65c.

Lilies in Pans, made up, with 12 or more blooms, 12 cents per bloom or bud.

POT ROSES

Polyantha or Baby types. Erna Teschendorf, Phyllis, Baby Ramblers, Mad. Jules Gachault, Jessie, 40c, 50c and 75c each.

CLIMBERS

Tausendschon, Hiawatha, Dorothy Perkins, Lady Gay, \$1.00, \$1.50, \$2.00, \$2.50 \$3.00, \$3.50 and \$5.00 each.

AMERICAN BEAUTIES

In 5½ and 6-inch pots, 35c and 50c each.

RHODODENDRONS

Best varieties, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each.

HYACINTHS

In all colors, 4 inch at 10c each.

HYACINTH BULBS

In Pans, 30c, 40c, 50c and 60c each.

TULIPS

In Pans, 25c, 35c and 50c each.

DOUBLE DAFFODILS

VON SION—25c, 35c and 50c each.

BEGONIA CHATELAINE

24-inch pots \$3.50 per 100.

3-inch pots, 8.00 per 100.

CYCLAMEN

4 inch, \$2.50 per dozen.

PANDANUS VEITCHII

3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each.

TABLE FERNS

3-inch, \$5.00 per 100.

CHRYSANTHEMUMS

PINK— Rooted Cuttings 2½-in. plants

	100	1000	100	1000
McNiece.....	\$2.50	\$22.00	\$2.75	\$27.00
Engelhard.....	2.50	22.00	2.75	27.00
Maud Dean.....	2.50	22.00	2.75	27.00
R. E. Loeben.....	2.50	22.00	2.75	27.00
Patty.....	2.50	22.00	2.75	27.00
Wells Late Pink.....	2.50	22.00	2.75	27.00
Chieftain.....	2.50	22.00	2.75	27.00

WHITE—

October Frost.....	\$2.50	\$18.00	\$2.75	\$25.00
Vir. Poehlmann.....	2.50	18.00	2.75	27.00
Chas. Razer.....	2.50	18.00	2.75	25.00
Elise Papworth.....	2.50	18.00	2.75	25.00
W. H. Chadwick.....	2.50	18.00	2.75	25.00
Timothy Eaton.....	2.50	18.00	2.75	25.00
Lynwood Hall.....	2.50	18.00	2.75	25.00
Smith's Ideal.....	2.00	.....	2.75	.....
Alice Salomon.....	2.00	18.00	2.75	25.00

YELLOW—

Golden Glow.....	\$2.00	\$19.00	\$2.75	\$25.00
Chrysolora.....	2.00	18.00	2.75	25.00
Bonnaillon.....	2.00	18.00	2.75	25.00
Yellow Eaton.....	2.00	18.00	2.75	25.00
Yellow Salomon.....	2.00	18.00	2.75	25.00

BRONZE—

O. H. Kahn.....	2.00	18.00	2.75	25.00
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RED—

Schrimpton.....	2.00	18.00	2.75	25.00
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POMPONS

WHITE 2½-in. plants

	100	1000
Alva (large early).....	\$3.50	\$32.00
Kemmitt (medium double).....	3.50	32.00

YELLOW—

Krut (large early).....	3.50	32.00
Mike Gabel (large).....	3.50	32.00
Skibo (early bronze & yellow button).....	3.50	32.00
Big Baby (button).....	3.50	32.00
Madge (large).....	3.50	32.00
Klondike (large).....	3.50	32.00
Guinea (bright late yellow).....	3.50	32.00
Baby (small button).....	3.50	32.00

PINK

Lillian Dotty.....	3.50	32.00
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BRONZE

Madam La Porte.....	3.50	32.00
Mrs. Frank Beu.....	3.50	32.00

RED—

La Gravera.....	3.50	32.00
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BOXWOOD

BUSHES

	Each
12 in. in burlap, 35c in tubs or pots.....	\$0.55
15 in. in burlap, 50c in tubs or pots.....	.75
18 in. in burlap, 60c in tubs or pots.....	.85
20 in. in burlap, 75c in tubs or pots.....	1.00

PYRAMIDS

	Each
2 feet in burlap.....	\$1.75; in tubs.....\$2.00
2½ feet in burlap.....	2.00; in tubs.....2.50
3 feet in burlap.....	3.00; in tubs.....3.00
3½ feet in burlap.....	3.00; in tubs.....3.50
4 feet in burlap.....	3.25; in tubs.....4.50
4½ feet in burlap.....	4.00; in tubs.....5.00

BALL OR GLOBE

	Each
12x12 in tubs.....	\$1.00; in burlap.....\$1.50
15x15 in tubs.....	1.50; in burlap.....1.75

GRAFTED AND OWN ROOT ROSE PLANTS

	2½-in. Own Grafted	2½-in. Root	2½-in. Own Grafted	2½-in. Root
American Beauties, fine lot, own root, 2½, per 100	1000	1000	1000	1000
Russell	\$120.00	\$65.00		
Killarney	100.00	\$66.70		
White Killarney	100.00	66.70		
Killarney Brilliant	100.00	66.70		
Ward	100.00	66.70		
Milady	\$100.00	\$56.70		
Ophelia	100.00			
Richmond	100.00	56.70		
Hoosier Beauty	105.00			
Cecile Brunner	\$100.00	\$56.70		
Elgar (Special Only)	100.00			
Francis Scott Key	110.00	63.00		
Fire Flame	100.00	56.70		
Lady Alice Stanley	120.00	73.50		

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

	Leaves	Doz.
4 inch pots	5-6	16-18 inch high \$4.50
4 inch pots	5-6	16-18 inch high \$4.50
6 inch pots	6-7	24 inch high 1.00
6 inch pots	6-7	28-30 inch high 1.50
8 inch pots	6-7	32-34 inch high 2.00
8 inch tubs	6-7	36-38 inch high 3.50
8 inch tubs	6-7	56-58 inch high 6.00
8 inch tubs	6-7	62-64 inch high 7.00

FORSTERIANA MADE-UP PLANTS

	Plants	Each
7 inch tubs	3	38 inch high \$2.50
7 inch tubs	4	38 inch high 3.00
8 inch tubs	4	38-42 inch high 3.50
8 inch tubs	4	48-50 inch high 6.00
8 inch tubs	4	52-54 inch high 6.00
10 inch tubs	4	56 inch high 8.00
12 inch tubs	4	60-64 inch high 10.00
12 inch tubs	4	52 inch high 12.00
12 inch tubs	4	52-6 feet high 15.00
15 inch tubs	4	6-6½ feet high \$18@20

Specimens, heavy, \$35.00, \$40.00.

FORSTERIANA SINGLE PLANTS

	Leaves	Doz.
4 inch pots	5-6	18-20 inch high \$4.50
4 inch pots	5-6	18-20 in. high ea. \$4.40
6 inch pots	6	28-30 in. high ea. 1.00
6 inch pots	6-7	34-36 inch high \$1.50

	Leaves	Each
6 inch pots	6-7	38-42 inch high 2.00
7 inch tubs	6-7	40-44 inch high 2.50
8 inch tubs	6-7	5 feet high 6.00
10 inch tubs	6-7	5-5½ feet high 8.00
10 inch tubs	6-7	5½-6 feet high 10.00

PHOENIX ROEBELENI

	Leaves	Doz.
3 inch pots, nicely characterized, doz., 1 inch spread		\$3.50
5 inch pots	15 inch high	20
6 inch pots	18 inch high	24
7 inch pots	28 inch high	34
8 inch tubs	30 inch high	36
10 inch tubs	35 inch high	42 \$5@7.50

DRACAENAS

	Leaves	Each
2½ inch pots Dracaena Godseffiana, per 100		\$6.00
6 inch pots Dracaena Amabilis.....		\$1.25
6 inch pots Dracaena Baptifolia.....		1.25
5 inch pots Dracaena Imperialis.....		1.25
5 inch Dracaena Terminalis.....		\$6.00 per doz.
6 inch pots Dracaena Massangeana.....		\$1.00 to \$1.25

DIFFENBACHIA

	Leaves	Each
5 inch.....each	\$0.75	5 inch.....each \$0.75
6 inch.....each	1.00	6 inch.....each 1.00

ARECA LUTESCENS

	Leaves	Each
6 inch pots 4 plants.....		\$1.00
8 inch tubs, 5 plants, 44-46 in. high.....		\$4-4.50

LIVISTONA ROTUNDIFOLIA

	Leaves	Each
4-inch pots, strong.....		\$0.50 each
5-inch pots.....		.75 each



RAMBLER ROSE.



KENTIA.

POEHLMANN BROS. CO.
72-74 E. Randolph St., Long Distance Phone, CHICAGO, ILL.
Randolph 35.



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

18x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

Meet us at the National Flower Show, Philadelphia, March 25th to April 2nd. You are invited to make your head-quarters at our booth.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Detroit.

BIG DEMAND FOR BULBOUS PLANTS.

The Lenten season, devoid as it is of many social functions, is nevertheless a busy time this year with the florists. Bulbous flowering plants were probably never before so popular and great quantities of them are being sold, and so great is this demand that some of the growers fear that there will not be a sufficient supply for Easter, in which case Easter lilies will be drawn upon heavily, and of these it is reported, a large and splendid stock will be ready. In cut flowers, at present, sweet peas are the more prominent—good stock and thousands of them—but chiefly disposed of on bargain days at 25 cents per bunch and yielding about half that amount to the growers. Roses are more plentiful and of excellent quality and the prices are holding up accordingly, as no surplus is yet seen on the wholesale markets. Carnations have improved in quality, and the quantity is all that is needed for the demand on this item has certainly suffered in comparison with its former popularity. St. Patrick's day brought a good demand for the green carnations, but it is doubtful if the present and past popularity of them will in the future be maintained, as indications to that end were plainly visible this year.

NOTES.

A letter received from A. Vinson, Cleveland, O., proposing an outside exhibition here in June, was discussed at considerable length, but no decided action taken. A representative of the Lehigh Valley R. R. was present and offered transportation over that line from here to Philadelphia for the Fourth National Flower Show at a rate of \$14.01 each for a party of ten or more. It developed that about twelve will attend from here, among them being Philip Breitmeyer, Albert Pochelon, Henry Rahaley, Michael Bloy, Joseph Streit, E. A. Feters, Frank Holznaple, John Warneke, of Woodmore, and school inspector of that district, gave an interesting talk upon the duties of his office and civic affairs in general and was much applauded for his keen interest shown in his honest policy in the administration of city duties. It was announced at the meeting that the Saginaw Florists' Club was that evening organizing a state horticultural

society designed to be an amalgamation of the different florist clubs under state officers, and this club being in harmony with the idea sent a telegram to that effect to the Saginaw meeting. Jacob Baumann, a well known dahlia grower, was elected to membership in the club.

The club meeting, March 14, was well attended and an interesting programme deferred the bowling games fully an hour later than usual. At the meeting Wm. Dilger submitted his plans for a new horticultural building that it is proposed to build this year at the Michigan state fair grounds. These received the hearty approval of the members who were requested by the fair management to pass upon them, after which the directors of the fair will consider them and probably erect a building in time for this year's exhibit in September. J. F. S.

Columbus, O.

MARKET SHOWS IMPROVEMENT.

Trade is good, with honors divided about equally between cut flowers and pot plants. With the former, carnations are the feature of stock that is most scarce. A few weeks ago they were over-abundant, and a drag at 50 cents a dozen. They now bring 75 cents. Sweet peas are also in short supply. Cuttings of roses are adequate, prices ranging from \$1.50 to \$4 per dozen, taking varieties as a whole. In pot plants the cineraria is one of the latest attractions of florists' shops. The spiraea is also beginning to come in and both are meeting with good sale. Daffodils are so plentiful that one leading florist found it expedient to put on a Saturday bargain sale at 40 cents a dozen or three dozen for \$1, which resulted in the moving of 250 dozen. Ferns of the Boston and Whitman varieties, are being profusely displayed and there is active buying. The St. Patrick's day sale of green carnations, green tulips, jonquils and other flowers was quite satisfactory.

NOTES.

H. Holbrook, architect, is preparing plans for three greenhouses and other buildings, to form the working plant of S. S. Myers, of Chicago, who, it is stated, is moving his nursery, flower and seed business from that city to Columbus. The location is on East Main street. The greenhouses are to

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter Mother's Day Spring Planting Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

be 30x125 feet each, the workshop 15x30 and the boiler house of the same size. Bids are to be taken up to April 1, on the buildings and on the water supply equipment and on the heating plant.

A funeral design costing \$90 was furnished by T. J. Ludwig on the order of the Ritter Lumber Company, incident to the death of a member of one of the officers' family. Mr. Ludwig has leased basement space beneath his new store, to be used as a work room, thus relieving the demand for display room in the store proper.

The Livingston Seed Company is pushing with great success a two-piece flower bowl made in the neighboring city of Zanesville. It comes in blue, black, ivory and carnelian green, and has a device for feeding the water to the stems of the flowers gradually.

S. F. Stephens & Son were the only florists doing any special advertising for St. Patrick's day. J.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

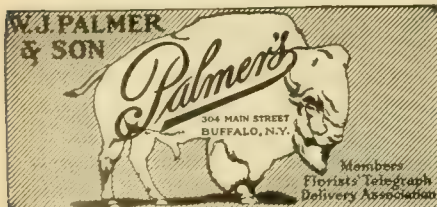
For Wisconsin Delivery

—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS.

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

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Alpha Floral Co., Des Moines, Ia.
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Archias Floral Co., Sedalia, Mo.
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Furrow & Co., Oklahoma City, Okla.
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Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
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Keller's Sons, J. B., Rochester, N. Y.
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Mangel, Chicago.
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Matthewson, J. E., Sheboygan, Wis.
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Smith & Fetter, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. E., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros., & M. Goldenson, Los Angeles.
Young & Nugent, New York.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Seattle's Leading Flower Shop
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Established 1874. Incorporated 1909.

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Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
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Telephones—5822 Audubon, 1767 Audubon and
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Mail, telegraph or telephone orders promptly filled

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch "Murray Hill" 1808

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34th St.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Peninsula
of Michigan. All orders given prompt
attention and filled with strictly fresh stock

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Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
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Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
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Lincoln, Neb.—Frey & Frey.
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Nashville, Tenn.—Joy Floral Co.
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Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
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New York—G. E. M. Stumpp.
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Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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San Francisco—Podesta & Baldocchi.
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Sedalia, Mo.—Archias Floral Co.
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David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Mail or telegraphic orders promptly and most
carefully executed.

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Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Canada's best known and most reliable florist

Only the Best Dunlop's

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We deliver anywhere in Canada and guarantee
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Deliveries to Steamers and all Eastern Ports

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Orders Carefully Executed

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Wholesale and Retail

Members of Florists' Telegraph Delivery.

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Price \$3.00 Postpaid.

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440 S. Dearborn St., CHICAGO

DESIGNS OR CUT FLOWERS

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Send your orders for Chicago and Suburbs to



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2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
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FLORISTS**

25 Clinton Avenue, N.
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1181 E. 71st St.
The Largest Growers of Flowers in City

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200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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St. Louis, Mo.

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**KANSAS CITY,
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**Rock's
FLOWERS**

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The Palmer House Florist
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1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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"Some Florist"

The Plaza, Ft. Smith, Ark

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Careful attention to packing for deliveries
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Mention the American Florist when writing

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Write or wire headquarters for flowers for Texas,
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too large, none too small.

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FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
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We solicit telegraph orders. Regular trade discount
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California Florists

will take care of all telegraphic orders.

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Orders will be carefully
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Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

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Member of The Florists' Telegraph Delivery.

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St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.

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Asters--Asparagus

EARLY-FLOWERING BRANCHING

White Rose	Cinnabar Red Silvery Lilac Light Blue	Fiery Scarlet Brilliant Lilac	Tr. Pkt.	Oz.
Any of Above, ¼ oz. 40c.....			\$0.25	\$1.50
Mixed, all colors.....			.15	1.25

SEMPLÉ'S BRANCHING

White White turning to pink Lavender	Crimson Rose Pink Azure Blue Daybreak (Mary Semple)	Cinnabar Carmine Purple	lb.	¼ oz.
Any of Above, ¼ oz. 40c.....			\$10.00	25c
Mixed, all colors, 9.00			9.00	20c
Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink.....			.20	1.80
Vaughan's Florist Mixture.....			.15	1.20
White Tall Varieties. Mixed.....			.15	1.00

SPECIAL OFFER

ASPARAGUS PLUMOSUS NANUS

(Northern greenhouse grown seed).

"This seed may be sown at any time of the year, but April is the natural time. Bottom heat is of great advantage. If soaked four days, and given good bottom heat, say 70 degrees, the plants can be sprouted in 25 days and transplanted 25 days later."

Our seed is fresh, of best germinating quality and vitality. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.00; 5,000 to 10,000 seeds at \$2.80 per thousand.

Price on larger amounts on application.

ASPARAGUS SPRENGERI

0 0 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50. oz., 50c.

SWEET PEAS

VAUGHAN'S PRIZE MIXTURE

This is made up from the most distinct colors of the Grandiflora, Unwin and Spencer varieties according to a carefully prepared formula; are put up in attractive colored lithographed bags which are ready sellers over the counter.

Packets (retail 10c), doz., \$0.75; per 100.....\$5.00
Ounces (retail 15c), doz., 1.00; per 100.....7.50
25 of a kind at the 100 rate.

ASTER—Giant Branching.

For Complete List of Flower Seeds see our "Spring Book for Florists."

43 Barclay Street,
NEW YORK

VAUGHAN'S SEED STORE,

31-33 W. Randolph Street,
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Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chantard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 8-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

Mention the American Florist when writing

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....	\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengeri, 2 inch.....	3.00 per 100; 25.00 per 1000
" " 3 inch.....	\$5.00 per 100 (heavy)
Achyranthes Herbist, dwarf, bright red.....	\$4.00 per 100
Boxwood, full list of sizes now on hand.	
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.	
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots 35c each; 6 inch pots, 50c each.	
FERNS. Boston, fine stock, 2½ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.	
Fine Teddy, Jr., 2½ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 4 inch pots, \$20.00 per 100.	
BEGONIAS. Gracilis, Luminosa, Prima Donna and White Triumph, 2 in pots \$2.50 per 100.	
Azalea Mollis, mixed colors, 15 to 18 inches high.....	at 35c
Heliotrope, 2½ inch, purple in variety.....	\$3.00 per 100
English Ivy, strong, 4 inch.....	\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

Mention the American Florist when writing

Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL,

Summit, N. J.

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dörner & Sons Co., Lafayette, Ind.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

J. C. Vaughan, Chicago, left for the east March 22.

A. H. GOODWIN of the W. W. Barnard Co., Chicago, leaves this week for Norwich, N. Y.

LINCOLN, NEB.—Creditors of the Griswold Seed Co., it is reported, will be paid a dividend of five per cent.

ALOIS FREY, of Crown Point, Ind., writing from Los Angeles, Calif., March 15, says his stocks of colored freesias are doing fine.

THE mail trade through January, and February, according to John Lewis Childs, of Floral Park, N. Y., has been about the same as last year's.

RESOLUTIONS on the tragic death of Mrs. Matthew Crawford, of Cuyahoga Falls, O., have been adopted by the Ohio Gladiolus Society, of which she was a charter member. Mrs. Crawford was killed by an interurban car in her home town, March 2.

"I CAN find nothing about Preparedness in 'A Victorian Anthology', Ayer's Newspaper Directory, Whitaker's Almanac, and Vaughan's Seed Catalogue," said the editorial writer, after an hour in the newspaper's reference library.—Chicago Tribune.

CHICAGO.—Mail order seed trade, which has been slow, picked up considerably this week. Counter trade is still very slow for the time of year. The ground is still frozen here, with considerable snow March 22. Onion sets are in demand, yellows around \$2, whites scarce around \$3.50 or better.

CAPT. BURNETT LANDRETH, the veteran seed grower of Bristol, Pa., was active chief of horticulture at the Philadelphia centennial exposition in 1872 and is still closely identified with trade affairs, being among those who attended the non-warranty meeting of the American Seed Trade Association, held at Chicago during the week of February 27, which it will be recalled, was prompted by the article on "Non-Warranty and the Wisconsin Seed Law" in our issue of February 26.

SHENANDOAH, IA.—Henry Field, writing March 20, says of the mail trade: "Week ending March 18, 12,200 orders, against same week last year, 8,230. Average size of order, about \$3.20, which is approximately 5 per cent above size at the same time last year. Increase in number of orders over the same period last year about 50 per cent, increase in volume a little more. This is all retail mail order, as we have no counter trade and do not sell to agents and dealers. Trade seems well balanced in all departments. The increase is all along the line. Pay roll for last week shows 178 people, amounting to \$1,728.92. The high point on orders is evidently not yet reached, for this week is starting off heavier than last. We look for the peak week about the second week in April."

SHEBOYGAN, WIS.—The J. H. Allan Seed Co. has been awarded a gold medal by the United States department of agriculture for an exhibit of 42 varieties of seed peas at the Panama-Pacific exposition.

THE Nungesser-Dickinson Seed Co. in a recent circular says: "Transportation facilities from New York are always the best, but we again call special attention to the unusual delays now on account of congestion of freight all over the country, and recommend the placing of all orders as early as possible this spring."

Catalogue Postage Bill.

Referring to H. R. 11621, a bill introduced in the house of representatives to provide for the mailing of catalogues, circulars, etc., a copy of which appeared in our issue of March 4, page 346, Chairman Therkildson, of the American Seed Trade Association's postal laws committee, writes as follows, March 15:

"Senator Bankhead has introduced in the senate postoffice and post roads committee, Senate bill 4997, which is an adjusted form of H. R. 11621. Edward Dungan of Wm. Henry Maule & Co. and myself had a conference with several senators and representatives; also with Messrs. Koons, Woods and Dockery of the postoffice department, and Senate bill 4997 has their endorsement as far as its introduction is concerned. It will of course have to be referred to them again for their approval before it can get by. It may never become a law, but we can at least try to secure its passage, and I am assured by Mr. Koons that the postoffice division is not only willing, but anxious, to do all that is possible for the various catalogue makers."

Sorghum Classification Changed.

President Johns of the Western Seedsmen's Association has addressed the following to members of that body: "Through the aid of the traffic bureau, I have succeeded in having the western classification on sorghum in less than carlots changed from 3rd to 4th class. This is effective March 15. I took this up in the interest of the Iowa Seed Dealers' Association, but felt that those who have honored me with the office of president so long were entitled to the information. I would suggest your traffic department advise the railroads at once regarding it as our experience is that railroads are slow in getting on to the reduced rates."

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Railroads Lift Embargoes.

In an effort to secure prompt shipment of seeds from growers, wholesalers and jobbers, to New England points, Curtis Nye Smith, counsel for the American Seed Trade Association, has been successful in securing the lifting of embargoes on such shipments. The Pennsylvania Lines and the New York, New Haven & Hartford R. R. were among the roads having embargoes in effect but both of these have, however, issued a special order lifting such embargoes, so that all seed supplies can now be forwarded to New England points. It must be recognized that the railroads are operating under a very heavy strain, for reasons well known, and their willingness to recognize the seedsmen's contentions deserves appreciation.

Delay of Mail.

We have been advised by McHutchison & Co., New York, well known importers of horticultural goods from Holland, that they are making strenuous efforts to have the embargo lifted from the mails, in order that their invoices may reach New York with the goods. They have interested the American Association of Nurserymen, the Merchants' Association of New York, the MacNiff Horticultural Co., Wm. F. Gude, the Washington representative of the Society of American Florists, and many others.

A. F. F.

San Francisco Group Picture.

Lester L. Morse, of C. C. Morse & Co., San Francisco, Calif., writes as follows March 13: "I have four panorama views of the visitors at the convention of the American Seed Trade Association which was taken in front of the Palace of Horticulture last June at the exposition. Would be glad to give these to anyone who might want them. I ordered several copies and have these left. They are free for the asking and I will be glad to mail them to anyone who writes me for them."

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Mention the American Florist when writing

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

TAKE ADVANTAGE of the LARGEST AUCTION SALES in THE HISTORY OF AMERICA

of RHODODENDRONS, ROSE BUSHES, EVERGREENS, BOXWOODS, ETC.

SALES start at eleven o'clock A. M. each TUESDAY and FRIDAY

THE MACNIFF HORTICULTURAL COMPANY

The Largest Horticultural Auction Rooms in the World.

52, 54 and 56 Vesey Street., New York

VALLEY

FROM STORAGE

Bruns' Celebrated Chicago
Market Brand, Crop 1915.

\$20.00 per 1000, \$10.50
per 500. \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa.....	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snapdragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Splendens.....	.15 1.00	Verbena, Mammoth.....	.15 1.00
Salvia Fireball.....	.30	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

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LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

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Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

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LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

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Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

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GLADIOLUS BULBS AND BULBLETS.

Planting stock of Mrs. Francis
King, Augusta and America,
carefully grown and true to
label. Third, fourth and fifth
size bulbs at lowest thousand
rates. We are headquarters
and bulbs bought from us when
matured will bring pedigree
stock prices.

Vaughan's Seed Store,
CHICAGO. NEW YORK.

Mention the American Florist when writing

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

CRIMSON AND SCARLET CANNAS

	Per 100	Case of 250	1,000
A. Bouvier, 5 ft. dark crimson.....	\$1.05	\$3.75	\$15.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
Duke of Marlboro, 4½ ft. glowing crimson...	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Beaute Poitevine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon.	2.75	6.25	25.00
Fuerst Bismarck, 4 ft. rich scarlet crimson...	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scarlet, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scarlet	2.25	5.00	20.00
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Meteor (Boddington variety), 4 ft. Deep crimson.....	18.00	43.75	175.00
Musafolia, 5 ft. Green leaves for foliage effect only.....	1.50	3.50	14.00
Tarrytown, 3½ ft. Crimson.....	2.00	4.38	17.50

CANNAS, White and Cream Shades

Alsace, 3½ ft. Creamy white.....	2.25	5.00	20.00
Mont Blanc Imp. 3½ ft. Almost a pure white.....	3.75	8.75	35.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen
128 CHAMBERS STREET - - NEW YORK

YELLOW AND ORANGE CANNAS

	Per 100	Case of 250	1,000
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00
Indiana, 6 ft. golden orange striped.....	1.35	3.00	12.00
Kanzleiter, 3½ ft. pure light yellow.....	1.50	3.50	14.00
R. Wallace, 4½ ft. canary yellow, free. Better than Florence Vaughan.....	1.50	3.50	14.00
Wyoming, 7 ft. purple foliage, orange flowers.....	1.50	3.50	14.00
Indiana, 6 ft. Golden orange, striped.....	1.35	3.00	12.00
Wyoming, 7 feet. Purple foliage, flowers orange.....	1.50	3.50	14.00

RED GOLD-EDGE VARIETIES

America, 5 ft. crimson gold band.....	1.35	3.00	12.00
Allemania, 4 to 5 ft., green foliage, scarlet and yellow.....	1.35	3.00	12.00
General Merkel, 4 ft. the best scarlet gold edge sort. Superior to Mad. Crozy or Queen Charlotte.....	1.65	3.75	15.00
Gladiolara, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow.....	1.50	3.50	14.00

PINK FLOWERING CANNAS

Mile. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large.....	12.00	27.50	110.00

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; **TOMATO, LIMA and POLE BEANS**, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

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R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Always mention The American Florist when writing.

GLADIOLI

All First Size Bulbs.

Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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Holland Bulb House

Long established, desires to get in touch with importers
anxious to receive Genuine Bulbs of Quality. Address

Q. VAN DEN BERG & SONS

Care P. C. KUYPER & CO.

12 Broadway, - NEW YORK CITY.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Day St., NEW YORK
and Orange, Conn.



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LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.
1000 seeds, finest mixed...25c
1 oz. ...\$2.25

Price list on application.

Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

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Correspondence
Solicited.

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Sweet Pea and Nasturtium Specialists.

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Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Henry Fish Seed Co.

Bean Growers for the
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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomersdale
Farm.

Bristol, Pa.

Bulbs for Florists and Seedsmen

GLADIOLUS

Grown in the U. S. by Vaughan's
Seed Store Per 100 Per 1000

AMERICA, Extra, 2 1/4 to
3-in., thick heavy bulbs \$15.00

AUGUSTA, Extra, big
ones like above..... 15.00

America, 1st size..... \$1.25 10.00

Augusta, 1st size..... 1.25 10.00

Chicago White, 1st size... 3.00 25.00

Mrs. Francis King, 1st
size..... 1.25 10.00

Princeps, 1st size..... 2.50 22.00

Mrs. Frank Pendleton,
1st size..... 9.00 85.00

Niagara, 1st size..... 4.50 40.00

Panama, 1st size..... 4.00 35.00

Primulinus Sunbeam, 1st
size..... 18.00

Baron J. Hulot (Dutch
Grown)..... 2.50 20.00

Velvet King, 1st size..... 3.10 25.00

Hyde Park, 1st size..... 5.00 45.00

Vaughan's XXX Florist
Mixture, 1st size... 1.75 15.00

Extra Fine Mixed, 1st size 2.00 18.00

Good Mixed, 1st size 1.00 8.50

And all Other Leaders
Write for quantity prices

Dahlias, Peonies, Cannas, for the Counter Trade.

Chicago Vaughan's Seed Store, New York

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flower-
ing strains. Quality inspected by
our Mr. J. C. Vaughan in Belgium.

Single sorts, white, Doz. 100 1000
scarlet, yellow, pink,

orange, salmon..... 50c \$3.00 \$25.00

Single Mixed 40c 2.60 23.00

Double sorts, white,
scarlet, yellow, pink,

orange, salmon. 60c 4.00 \$5.00

Double Mixed 50c 3.50 30.00

Caladium Esculentum

Per 100 Per 1000

5- 7 inches..... \$ 1.75 \$ 15.00

7- 9 inches..... 3.50 30.00

9-11 inches..... 6.00 55.00

11-12 inches..... 9.50 85.00

12 inches and up..... 14.00 125.00

TUBEROSES True Dwarf Pearl

Per 1000

First size, 4-6 inches \$10.00

Medium size, 3-4 inches..... 5.00

Keller Bros. Onion Sets

When you wish to buy honest, clean and reliable Onion Sets,
both white and yellow, write us for prices and samples.

KELLER BROS., R. F. D. No. 5, E. Toledo, Ohio

Growers of Onion Seed, Onion Sets and Stowell's Evergreen Sweet Corn.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Higher Rates on Canteloupes.

Proposed increased refrigeration charges on canteloupe from western Colorado, New Mexico and Utah to destinations throughout the greater part of the United States and Canada were found justified March 6, by the interstate commerce commission.

Prices of Indoor Fruits and Vegetables.

Chicago, March 21. — Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 12½ to 15 cents; radishes, 35 cents to 50 cents per crate; celery, \$2.00 to \$2.25 per crate; tomatoes, six baskets, \$1.50 to \$2.25; cucumbers, per doz., 75 cents to \$1.25.

New York, March 21. — Celery per 12-inch crate, \$1.75 to \$2.50; cucumbers, 90 cents to \$1.25 per drum; mushrooms, \$1.35 to \$1.75 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per strap, 75 cents to \$1.00; rhubarb, per dozen bunches, 40 cents to \$1.00.

Parcel Post Marketing.

The farmer who wishes to sell his products by parcel post, and the housewife who wishes to use this method of securing country produce for her table, will find many useful points in Farmers' Bulletin 703, "Suggestions for Parcel Post Marketing," published by the United States department of agriculture. This bulletin in addition to explaining the postal rates and measurement limits for parcel post matter, discusses in some detail the types of containers which are most successful and the methods of grading and packing produce, so that it will reach the consumer in good condition, and be attractive in quality and appearance. In treating standards for parcel post shipments, the bulletin tells how to select, handle and pack poultry, and how to grade and pack the various fruits and vegetables which the average farmer is likely to market through the post office.

The bulletin points out that one of the common obstacles to establishing parcel post communication between farmer and consumer is that the farmer may be unwilling to offer goods at a price which attracts the customer, or that the consumer may offer a price lower than the farmer can obtain at a local market. To quote the bulletin:

"Not only must the farmer have something additional to the usual price to compensate him for the extra work, container, and postage required, but the consumer must also have something to attract him to marketing by parcel post. In determining what the price shall be, both the farm price and the retail price paid by the consumer when he markets in the ordinary way should be taken into consideration. The consumer must receive either a better article at the usual retail price

or an article of the grade usually purchased at some concession in price.

"It is probable that the point which will make the strongest appeal to the average consumer is that he can secure by parcel post a fresher, brighter, more attractive, and thus possibly a better product than he can obtain otherwise.

"The average producer, as a rule, does not realize the importance of appearance as a factor in selling goods and frequently is careless and indifferent in preparing produce for market. The consumer, on the other hand, relies very largely upon appearance in selecting food supplies, and unattractive articles are passed by promptly.

"A personal acquaintance should be established between producer and consumer, when they come into business contact. This will help a great deal in furthering parcel post marketing, and also will eliminate many of the misunderstandings which may occur from time to time. A definite understanding should exist as to the duties of each in regard to remittances, claims for damaged or spoiled produce, and the preservation and return of containers."

Massachusetts Agricultural College.

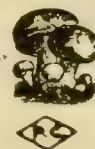
Twelve of the students in floriculture, accompanied by Professor Nehrling and A. S. Thurston, recently made the annual observation trip to Boston and vicinity. Three days were spent in visiting the various commercial ranges, private estates, stores and markets. At all places the party was received courteously and cordially, and consequently the trip could not help but be inspirational as well as educational. Due to inconveniences caused by a heavy fall of snow the party was unable to visit all the places which they had planned to visit. The following places were visited: Waban Rose Conservatories, Natick; J. T. Butterworth, Framingham; S. J. Goddard, Framingham; Faulkner Farm (W. N. Craig), Brookline; Weld Garden (Duncan Finlayson), Brookline; William Sim, Cliftondale; Thomas Roland, Revere and Nahant; Boston Cut-Flower Exchange, Boston Cooperative Flower Market, Harry M. Robinson & Co., Welch Brothers, Thomas F. Galvin, Penn, the Florist, and P. L. Carbone, Boston.

The series of floricultural lectures held at the college in conjunction with the Farmers' week programme proved to be the most interesting ever scheduled. The programme of lectures began on Tuesday afternoon with a talk by F. E. Palmer of Brookline on "Selection and Care of House Plants"; the subject was handled in an interesting and professional way, the information being a result of years of experience with householders and their plants. Following this subject was a lecture

by Professor F. A. Waugh of M. A. C. on "Fashions in Plants," in which he spoke of the historical side of gardening and the changes which took place from time to time in the use of garden plants. The programme for the afternoon was concluded with a talk on "Plant Propagation" by H. E. Downer of Smith College botanical gardens, Northampton; the subject was well handled in a technical way, and in it were brought out many personal experiences in handling the various plants. The programme was continued on Wednesday, the opening talk being given by Maurice Fuld of New York, on the subject of "Commercial Possibilities of Herbaceous Perennials," in which he spoke of the business side of propagating and selling the stock. The next subject was "Minor Crops of the Florist," by G. H. Sinclair of Holyoke, and which proved to be exceedingly instructive, the information and suggestions resulting from years of personal experience. Following this hour Dr. P. J. Anderson of M. A. C. gave an instructive talk on "Diseases of Floricultural Plants." In the afternoon Robert Pyle of Conard & Jones Co., West Grove, Pa., gave a fine lecture on "Roses at Home and Abroad," the lecture being illustrated by many fine lantern slides. The programme was concluded by a "Question Box," which was conducted by Professor Nehrling of M. A. C., many of the speakers remaining to assist in answering the questions.

A good attendance was recorded for the lectures, considering the fact that at that time the country was hit by one of the worst snow storms for years, and consequently tying up the car service. In addition to the lectures the department had an educational exhibit in the building and a display of spring-flowering plants in the greenhouses, both of which attracted considerable attention. At the request of the students, Maurice Fuld gave a special lecture in which he spoke of business methods and how to interest the public.

A. S. T.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world. \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Belle Washburn

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

THE BEST RED CARNATION

ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.

Thorburn's Tuberose

Dwarf Double Pearl

4½ to 6 inches
\$8.50 per 1000.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

L. CLAUSE

(Established 1796.)

BRETIGNY-sur-ORGE (S. & O.)
near Paris, France.

Grower and exporter of

HIGH CLASS SEEDS
for the wholesale trade.

Just the grade of seed you need, if you sell to market gardeners.

Will send over early in May next his traveling salesman, Mr. Jacques Courtine, to call on the American trade.

Always mention The American Florist
when you order stock. : :

CANNAS

Strong 2 and 8 eye divisions freshly divided from clumps same day shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier
Black Prince
Egandale
Eldorado, large flowered.
yellow.
Feuermeier
Garam, \$4.00 per 100.

Hungaria
Indiana
Italia
Jullius Kock
Koros, \$6.00 per 100.
Louisiana, \$4.00 per 100.
Mephisto

Mrs. Geo. A. Strohlein
Mrs. Karl Kelsey
Mrs. Kate Deemer, \$4.00
per 100.
New Chicago
Prince Wied
Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

COTTAGE MAID

A Sport of Mrs. C. W. Ward.
Will be disseminated 1916-17.

Rooted cuttings of Mrs. C. W. Ward and Matchless,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

SILVERHILL, ALA.—The Winberg-Branden Orchard & Nursery Co. has been incorporated with a capital stock of \$20,000, of which \$10,000 is paid in.

FLINT, MICH.—Lyman T. Curtis, pioneer nurseryman and founder of the firm of L. T. Curtis & Sons, died at his home in this city, March 3, aged 73 years.

SPRINGFIELD, O.—Mark Aukman has purchased four acres of land here and will establish a nursery, making a specialty of plants and shrubs for landscape gardening.

ST. PAUL, MINN.—E. W. Reid of Holm & Olson's nursery department has one of his sons at the Illinois State University, taking the landscape and general horticultural course.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

American Association of Nurserymen.

Preparations for the forty-first annual convention of the American Association of Nurserymen, scheduled to be held at Milwaukee, Wis., June 28-30, 1916, are going forward apace, and give promise that the meeting will be one of the best in the association's history. The arrangement of a programme of unusual interest has been placed in the hands of Lloyd C. Stark, whose experience and large acquaintance furnish a guarantee of a programme of quality, the result of the thoroughness which characterizes his undertakings. While there has been a sentiment against spending too much time for social features, provision will be made for a visit to the parks, and an auto trip over the good roads in Milwaukee county has been arranged. All local arrangements are in charge of T. J. Ferguson.

The space arranged for the exhibits is more than ample. Intending exhibitors, embracing nurserymen, lithographers, manufacturers of implements, etc., should communicate with Albert F. Meehan, Dresher, Pa., secretary of the exhibit committee. In harmony with the constitutional provision a charge of five cents per square foot will be made for space in the exhibit section, with a minimum of 50 cents for each exhibitor.

Secretary John Hall, 204 Granite building, Rochester, N. Y., is making an earnest appeal to nurserymen, not already members of the association, to join the organization, attend the Milwaukee convention, and enjoy the manifold benefits that come through membership. He will be glad to supply any further information, either regarding membership or convention arrangements, upon request.

Catalogue Illustrations Eliminated.

The subjoined communication will doubtless be of interest to our readers: "By even mail, we are sending to you copy of our 1916 price-list. You will note that we have departed somewhat from the usual style of nursery catalogues. Aside from a few pages devoted to general instructions and special lists, the catalogue is an out-and-out price list of popular common names, sizes, and prices, and without illustrations. This catalogue is intended largely for those who know what they desire to purchase and are seeking information as to varieties, sizes, prices, etc., of what we have for sale, arranged in compact and convenient form for reference.

"The question is: Do any number of purchasers, particularly of nursery stock, who place substantial orders depend to any considerable extent on elaborate catalogue descriptions and illustrations of standard stock when placing their orders? Are they not more generally guided by what they have actually seen, have read about in current magazines and books, or recommended by friends?"

ELM CITY NURSERY CO.

Bridge Grafting Small Trees.

Bridge grafting, the use of scions or small limbs to connect the cambium above and below a large wound or girdle strap, may be practiced successfully on almost any kind of fruit tree that can be propagated readily by grafting, according to Farmers' Bulletin No. 710, recently issued by the United States department of agriculture. It is used more often with the apple than any other fruit, but pear trees are often treated in this way and there seems no reason why this method should not also be successful on plums and cherries. While seldom used on shade trees or other ornamentals, the author states that this method of grafting would probably prove successful in overcoming certain types of injuries to this class. To be effective, bridge grafting should be done in the spring before growth starts, although sometimes it can be done after this period if dormant scions for the purpose can be secured.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

NOTE—Use printed stationery. We sell to the trade only and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.
JACKSON & PERKINS COMPANY, NEWARK, NEW YORK

HEAVY SHRUBS FOR IMMEDIATE EFFECT

ALL GROWING ON OUR OWN GROUNDS.

11,500 Syringas in variety 5 ft. 3,000 Cornus Siberica, 3 ft.-4 ft.
11,000 Spiraea Van Houttei, 3 ft.-4 ft. 40,000 Privet Amoor, 3 ft. 14-16 branched.
11,700 Honeysuckle, 3 ft. 4 ft. 2,300 Lombardy Poplars, 1½-2 in. diameter.

Also Rosa Rubifolia, Spiraea Opulifolia, Silver Maples, specimens, 2 in. diameter.

A BARGAIN IN QUANTITY.

Beaudry's Nursery Co., Growers For and Designers of Landscape Improvements CHICAGO 700 Railway Exchange

JAPANESE TEA GARDEN

—AND—

ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd. CHICAGO.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Tree, Shrub and Palm Seeds

For the Florist and Nursery Trade

Also Seeds of

CALIFORNIA NATIVE PLANTS.

GEORGE H. HOPKINS

Eagle Rock Station, Los Angeles, Calif.

ROSES

Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

Climbing Roses 15 varieties.

Polyantha Roses 10 varieties.

All our Roses are Field-Grown.

W. B. COLE, Painesville, Ohio.

NURSERY STOCK.



EVERGREENS

	Per 1000
Irish Juniper trans., 3 to 5 in.	\$20.00
" " " 5 to 8 in.	35.00
" " " 8 to 10 in.	50.00
Siberian Arbor Vitae tp., 3 to 5 in.	35.00
" " " 5 to 7 in.	65.00

These Arbor Vitae and Junipers are choice cutting plants, transplanted in field one and two years. Sample hundred of either 1 year transplanted, postpaid, for \$3.00.

American Arbor Vitae tp., 5 to 10 in.	40.00
Pyramidalis & Golden Arbor Vitae 2 yr. sdgs.	35.00
Golden Arbor Vitae 1 yr. sdgs.	15.00
Chinese and Compacta " Arbor Vitae 1 yr. sdgs.	12.00
" " " 2 yr. sdgs.	25.00
Larch, European sdgs. 5 to 10 in.	10.00
" " " 1 to 2 ft.	20.00
" " " 2 to 3 ft.	30.00
Pungens, Blue Spruce, 4 to 6 in.	25.00
Norway Spruce sdgs. 3 to 5 in.	4.00
" " " 5 to 8 in.	7.00
Ponderosa, Yel. P. sdgs. 5 to 10 in.	25.00
" " " 10 to 15 in.	30.00
White Pine, sdgs., 3 to 5 in.	5.00
" " " 5 to 10 in.	8.00
" " " 10 to 12 in.	12.00
Hemlock Spruce, trans., 3 to 5 in.	50.00
" " " 5 to 10 in.	70.00

SEEDLINGS, ETC.

	Per 1000
Sugar, or Rock Maple, 5 to 10 in.	\$2.50
" " " 10 to 15 in.	8.00
Silver Maple, 1 to 2 ft.	6.00
Norway " 5 to 10 in.	6.00
Am. Sweet Chestnut, 5 to 10 in.	8.00
" " " 12 to 18 in.	15.00
" " " 18 to 24 in.	25.00
Perfectly healthy grown from large selected seed.	
Dogwood, Wh. Flower'g, 5 to 10 in.	10.00
" " " 10 to 15 in.	20.00
Black Walnut, 1 to 2 ft.	10.00
Tulip Tree, Yel. Pop., 1 to 2 ft.	10.00
" " " 2 to 3 ft.	15.00
" " " 3 to 6 ft.	25.00
White Poplar, 3 to 4 ft.	20.00
" " " 4 to 7 ft.	40.00
Russian Mulberry, 5 to 12 in.	4.00
" " " 1 to 2 ft.	10.00
Black Cherry (Serotina), 5 to 10 in.	2.00
" " " 1 to 2 ft.	4.00
" " " 2 to 4 ft.	8.00
Red Oak, 5 to 10 in.	10.00
" " " 10 to 15 in.	15.00
Magnolia acuminata, 3 to 5 in.	20.00

SHRUBBERY, ETC.

	Per 1000
Apple Seedlings, No. 1, 1/2 & up (10 M, \$45)	\$ 5.00
Apple Seedlings No. 2 (10 M, \$25)	3.00
" " No. 3 (10 M, \$5)	1.00
Calycanthus Floridus, 5 to 10 in.	8.00
" " " 1 to 2 ft.	12.00
Judas Tree (Cercis canadensis) 1 to 2 ft.	10.00
Judas Tree (Cercis canadensis) 2 to 3 ft.	20.00
Straw'y Tree (Evonymus), 2 to 4 ft.	20.00
Japan Quince, 5 to 10 in.	10.00
Hydrangea P. Grandiflora, 5 to 10 in.	20.00
" " " 1 to 2 ft.	30.00
" " " 2 to 3 ft.	40.00
Snowball (Viburnum O. P. Sterilis), in same size and prices.	
Hydrangea, Hills of Snow, 5 to 10 in.	40.00
" " " 1 to 2 ft.	50.00
" " " 2 to 3 ft.	60.00
Japan Snowball, 5 to 10 in.	20.00
" " " 1 to 2 ft.	30.00
Yucca Filamentosa, Adams Needle, 10 M.	10.00
Asparagus (10 M for \$25), 2 yr.	3.00
Asparagus, 1 yr.	1.50
Conovers, Palmetto, French Argentuil.	
Strawberry plants	2.00
Wm. Belt, Clyde, Kittie Rice, Haverland, Francis Willard, Superba, Kellogg's Prize, Bubach, Sample, Aroma, Helen Davis, Warfield, etc.	

J. JENKINS & SONS, Nurseries, WINONA, OHIO

KENTIAS

Fine stock of
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Ferndish Ferns in flats and 2 1/2-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues
SAN FRANCISCO, - CALIF.

Mention the American Florist when writing

MISS THEO

THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000

Littlefield & Wyman
NORTH ABINGTON, MASS.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing

BEGONIAS--Strong 2 1/2-inch Plants

	Per 100	Per 1000
Cincinnati, 2 1/2-in.	\$15.00	\$120.00
Lorraine, 2 1/2-in.	12.00	100.00
Chatelaine, 2 1/2-in.	5.00	40.00
" " 3-in.	8.00	75.00
Vernon, 2 1/2 and 3-in.	4.00	

Primroses.

	Per 100
Obconica in bloom, 4-in.	9.00
" " " 5-in.	15.00
Malacoides, 3-in.	6.00

Geraniums.

Nutt, Pressily, Gen. Grant, strong 2 1/2-in., \$25.00 per 1000. Wilmette, largest and best Pink Geranium, \$50.00 per 1000.

Mesembryanthemums.

Best for Hanging Baskets. Fine Stock.
2 1/2-in. \$25.00 per 1000

All stock guaranteed. Special price on large lots.

PYFER & OLSEM, - WILMETTE, ILL.

Coleus—Six best Varieties.

2 1/2-in.	\$25.00 per 1000
Curly Queen, best for baskets.	
2 1/2-in.	\$25.00 per 1000

Marguerites.

2 1/2-in.	\$25.00 per 1000
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Salvias.

2 1/2-in.	\$25.00 per 1000
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NEPHROLEPIS VERONA

A Crested Fern of the Highest Type.

Plant a bench now and you will have nice plants for Spring Sales.

2-in., \$8.00; 2 1/2-in., \$10.00; 3-in., \$12.00 per 100.

PANDANUS VEITCHII, STRONG PLANTS, WELL COLORED

5-in., 75c; 6-in., \$1.00; 7-in., \$1.50 each.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, March and April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

MISS ELVIA SCOVILLE

Syn. White Wells' Late Pink Chrysanthemum

This splendid variety, a sport from Wells' Late Pink, is identical in every respect with the parent except in color, which is pure white. We can quote nice pot plants, ideal for increasing stock, immediate delivery at

\$20.00 per hundred; \$175.00 per thousand.

Catalogue describing this and all other novelties and standard varieties of **ROSES, CHRYSANTHEMUMS** and **CARNATIONS**, will be mailed on receipt of your address.

CHARLES H. TOTTY, - - - MADISON, N. J.

Some Excellent Stock.

Liberal Extras for Early Orders.

Size of pots.	100	1000
2 1/4-in. ABUTILON Savitzii, or 6 varieties assorted.....	\$2.25	\$20.00
2 1/4-in. AGERATUMS. White, light and dark blue.....	2.25	20.00
2 -in. CUPHEAS. Cigar plants....	2.25	20.00
3 -in. CYCLAMENS, 8 varieties....	6.50	60.00
4 -in. CYCLAMENS, 8 varieties....	17.50	
Fine plants		
2 1/2-in. BEGONIAS, 8 flowering varieties.....	5.00	45.00
3 1/2-in. CINERARIAS. Choice mixed....	6.50	60.00
5 -in. DRACENA Indivisa.....	20.00	
6 -in. DRACENA Indivisa.....	25.00	
2 1/4-in. FUCHSIAS. Double and single, 12 varieties.....	2.75	25.00
2 1/4-in. HELIOTROPE, 3 varieties....	2.75	25.00
2 1/4-in. MARGUERITES. White and yellow.....	2.50	22.50
Mrs. Sanders	2.50	22.50
4 -in. PRIMULA obconicas. In bud and bloom.....	6.25	60.00
2 -in. DOUBLE PETUNIAS, 15 varieties.....	3.00	25.00
2 1/4-in. SALVIAS. Bonfire.....	3.00	25.00
FUNKIA variegata. Roots.....	5.00	45.00
CANNA BULBS. King Humbert.....	3.00	25.00
CANNA, Yellow. King Humbert. 3-inch, each, 35c. per doz.....		3.50
CANNA BULBS. About 20 varieties 50,000 2 and 2 1/4-in. GERANIUMS. Nutt, Ricard, Poitevine. Montmort, Perkins, Buchner. About 20 varieties.....	2.25	20.00
2 1/4-in. IVY GERANIUMS, 8 varieties.....	3.00	28.00

Correspondence solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in. ....doz., \$1.00; 100, \$8.00		

All first class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower,
Allegany, N. Y.

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
White Enchantress.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Beacon.....	2.50	20.00
Crampion.....	2.50	20.00
Joy.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3.00	25.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00

Bench Plants

	100	1000
American Beauty.....	\$6.00	\$50.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenii, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbstii, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS—Thumb pot plants. 3 to 5-in. above pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100, sure to please. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-inch, \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

Asters. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas, Mme. Van der Cruyssen, Simon Mardner, Vervaneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervane, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Moills, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS.

BEGONIAS—Delivery from May 15.

Lorraine, 2½-in. pots	Per 100 \$ 12.00
Cincinnati, 2½-in. pots	15.00
Mrs. J. A. Peterson (new), 2½-in. pots	25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyfer & Olsem, Wilmette, Ill.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias, Gracilis, luminosa, Prima Donna and White Triumph, 2-in. pots, \$2.50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonias, Gloire de Chatelaine, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2½-in. pots, \$5.50 per 100; 3-in. pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias, dowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Chatelaine, 2½-inch. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwoods. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Asiatica, \$2.50 per 100; Buddleia Magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9. case of 300, \$20; 9-10. case of 200, \$20. Lil. Formosum, 8-10. case of 225, \$17; 9-10. case of 160, \$14. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Burbank, Pennsylvania, F. Vaughan, Mrs. Kelsey, Wyoming, Premier, David Harum, Cleveland. Strong 2 eyes roots, \$1.50 per 100, 25 at 100 rate. Cash. W. H. CULP & CO., Wichita, Kansas.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

Canna Firebird. Best scarlet, green-leaved canna. From 3-in. pots, 25 for \$5. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.

	100	1,000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO., Joliet, Ill.

CARNATION CUTTINGS—A1 QUALITY
Clean, healthy stock taken from selected plants.

	Per 100	Per 1,000
Mrs. C. W. Ward	\$2.00	\$15.00
Light Pink Enchantress	2.00	12.00
Afterglow	2.00	15.00
Victory	2.00	15.00
Bonfire	2.00	15.00
White Perfection	2.00	15.00

From soil.
White Enchantress 2.50 20.00
J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
Taken from the best stock sold in the Chicago market. Ready for immediate delivery:		
100	1,000	
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00
ZECH & MANN,		
30 E. Randolph St.,		Chicago.

ROOTED CARNATION CUTTINGS.		
100	1,000	
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00
WIETOR BROS.,		
162 N. Wabash Ave.		Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS—A 1 STOCK.		
100	1,000	
Enchantress	\$2.00	\$17.00
White Enchantress	2.00	17.00
White Perfection	2.00	17.00
Ward	2.00	17.00
A. T. PYFER & CO.,		
30 East Randolph Street,		Chicago, Ill.

Fine, healthy, rooted carnation cuttings. Best obtainable, order early.		
100	1,000	
Enchantress	\$2.50	\$20.00
White Wonder	3.00	25.00
SINNER BROS.,		
158 North Wabash Avenue.		Chicago.

Carnations. Enchantress, White Enchantress, Zoe Symonds, Philadelphia, Washington, \$2 per 100; \$18 per 1,000. Beacon, Champion, Joy, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated '916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. F. Dörner & Sons Co., Lafayette, Ind.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100. Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS.

WHITE	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
Early Frost	5.00	50.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	2.00	15.00
Alice Byron	2.50	20.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Linwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	....
Bonaffon	2.00	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	....
PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	....
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	....
J. D. THOMPSON CARNATION CO.,		
Joliet,		Illinois.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum. Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curly Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DOUBLE DAHLIAS, mixed ¼ variegated, ¼ yellows, pinks. Large clumps in barrelful, \$2.00; tubers, \$1.00 per 100. ALVA CATH-CART, Bristol, Ind.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DAFFODILS.

Daffodils. Von Sion, 25c, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored. 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

FERNS.

Ferns. Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$8 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

FERNS, from 2-in. pots, immediate delivery; Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c; 4-in. Boston, 12c; 4-in. Teddy, Jr., 15c; extra heavy. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Ferns. Boston and Teddy, Jr. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

FERNS. BOSTON. Fine established, 2½-in., \$4.00 per 100. Heavy 4-in., \$12.50. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Vernon, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Ark., Minn.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns from beds, \$15 per 100. Jos H. Cunningham, Delaware, O.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS		
100	1,000	
S. A. Nutt, dark red	\$1.25	\$12.00
Double Gen. Grant, bright red ..	1.25	10.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink ..	1.50	14.00
THE W. T. BUCKLEY CO.,		
Springfield,		Illinois.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Vlaud and Poitevine, 2½-in., \$2.50 per 100, \$22 per 1,000. 3-in., \$6 per 100, \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

Geraniums, Nutt, Pressily, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt, \$12.50 per 1,000; Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

HEADQUARTERS FOR GLADIOLUS AUGUSTA. The florists' white, in all sizes; 30 other vars. —all Long Island grown. Send for list.

GEO. J. JOERG, Long Island, N. Y.
Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1¼ to 1½-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladiolus bulbs, fine mixed. For sizes and prices see advertisement elsewhere in this issue. I. & J. L. Leonard, Iona, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley, from cold storage. New York or Chicago, \$16 per 1,000; \$3.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, Berlin and Hamburg, cases of 3,000 pips, \$40 each; case of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the Valley, cold storage, Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$6 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

HELIOTROPE.

Heliotrope, 2 1/4-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

Heliotrope Centefleur, 2 1/4-inch. Vaughan's Seed Store, Chicago and New York.

HYACINTHS.

Hyacinths, in all colors, 4-in., at 10c each. Bulbs in pans, 30c, 40c, 50c and 60c. Poehlmann Bros. Co., Morton Grove, Ill.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouilliere Avalanche, E. G. Hill, Gen. De Vibray, Mme. Hamar, Mme. E. Chaudrat, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

Hydrangeas, mostly French varieties, 75c, \$1, \$1.25, \$1.50, \$2, \$2.50 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY PLANTS.

Lily Plants. Fine, strong, heavy flowers, first-class, medium length stock, 14 to 18 inches high. For prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.00 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

MOONVINES. Large flowering, strong, stocky, 2 1/4-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Clean, reliable onion sets. Write for prices and samples. Keller Bros., R. F. D. 5, East Toledo, O.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

PANSIES. Large flowering, strong, stocky, transplanted plants; all in bloom and bud, \$1 per 100; \$9 per 1,000. Cash with order. GUS SCHLEGEL, Olney, Ill.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, 2 1/4-inch, dbl. sorts. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

Primroses, obconica, in bloom, 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and clematis paniculata, 2-yr., 8c. King Humbert and Buttercup canpas, 2 1/4c. Get list. Prices right. BENJ. CONNELL, florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

Rhododendrons. Best varieties, \$1, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2 1/4-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti.

	100	1,000
Russell	\$12.00	\$100.00
Rhea Reid	12.00	100.00
Hoosier Beauty	12.00	100.00
Ophelia	12.00	100.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

Sunburst	\$7.00	\$60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

ROSES.**YOU NEED THE BIG MONEY MAKER. CHAMP WEILAND.**

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequaled by any other "sport" creation of recent years. Take the tip—grow "Champ Weiland." Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1000 for \$300.00.

MRS. CHARLES RUSSELL.

We have an elegant stock of the above, and offer grafted plants at \$14.00 per 100, \$120.00 per 1000; own root, \$12.00 per 100; \$100.00 per 1000.

For prices on standard varieties, write for special quotations.

WEILAND & RISCH.

154 N. Wabash Ave., Chicago, Ill.

ROSES, 2 1/4-inch grafted and 2 1/4-inch own root plants for March delivery.

	2 1/4-in. Grafted.	2 1/4-in. Own Rt.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney	100.00	56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., ILLINOIS.

FINE 2 1/4-INCH ROSE PLANTS.

	100	1,000
Ophelia	\$4.50	\$40.00
Sunburst	3.50	30.00
White Killarney	3.00	25.00
Pink Killarney	2.50	20.00
Richmond	2.50	20.00

Two-Year-Old Bench Plants.

White Killarney	5.00	40.00
Pink Killarney	5.00	40.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG.

162 North Wabash Ave., Chicago.

EXTRA FINE YOUNG ROSE STOCK.

April Delivery.

	1,000
White Killarney, 2 1/4-in.	\$35.00
Pink Killarney, 2 1/4-in.	35.00
For March Delivery.	
Hoosier Beauty, 2 1/4-in.	\$50.00
Sunburst, 3 1/4-in.	100.00
A. Ward, 2 1/4-in.	35.00

F. J. BENTLEY,

165 Wabash Ave., Chicago, Ill.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready Feb. 15 and later, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

	100	1,000
Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00
Richmond	4.00	30.00

J. A. BUDLONG,

184 North Wabash Ave., Chicago.

BULGARIA BENCH PLANTS.

3,000 Bulgaria bench plants in lots of 100 or more, \$6.00 per 100; \$50.00 per 1,000. Now ready for shipment. Will cut back to suit purchaser.

BASSETT & WASHBURN, 178 North Wabash Ave., Chicago.

AMERICAN BEAUTY ROSES.

Extra fine bench plants, \$7 per 100.

Wietor Bros.,

162 N. Wabash Ave., Chicago, Ill. L. D. Phone Randolph 2081.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Bench Plants, American Beauty, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Roses. Pot and climbers. For varieties and prices see advertisement elsewhere in this issue. American Beauties in 5½ and 6-in. pots, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Rose Champ Welland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Welland & Risch, 154 N. Wabash Ave., Chicago.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Falmesville, Ohio.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veltchii, \$1.50 per pound. Dracena Indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties—Stocks (the most beautiful in the world). Primulas (10 var.) Cyclamens, Cinerarias, Bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Beebe's Early Prolific Tomato. Pkt., 20c; oz., 75c; ¼ lb., \$2.00. Write for English or German catalogue. German Nurseries and Seed House, Beatrice, Neb.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Bretigny-sur-Orge. (S. & O.), near Paris, France.

SEEDS.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips, R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Field seed corn. Ratekin's Seed House, Shenandoah, Iowa.

SPIREA.

Spirea, Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas, Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata. Fine, bushy plants, established 3-in., \$5.00 per 100. Extra heavy 4-in., with long vines, \$10.00 per 100; \$90.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VINCA VARIEGATED, Oct. rooted, 1½-in. pots, \$1.50 per 100. 4-in. potted plants, 5 to 8 leads, 7c. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

FOR SALE.

FOR SALE—Variegated, green and tri-color tradescantia, 60c per 100. G. F. ODOR, Iola, Kans.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway. Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neposet, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Heavy shrubs for immediate effect. For varieties and sizes see advertisement elsewhere in this issue. Beaudry's Nursery Co., 700 Railway Exchange, Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Easter Plants. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskegon, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Aglaonema pictum, 5-in., 75c each; 6-in., \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Standard Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pine stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Tri-City Florists' Club.

The March meeting of the Tri-City Florists' Club was held at the residence of Ludwig Stapp, Rock Island, Ill., and there was a large attendance when President Harry Bills called the gathering to order. Following the regular order of business, the election of officers was held, which resulted as follows: Ludwig Stapp, Rock Island, president; C. J. Reardon, Davenport; H. Gaethje, Rock Island, and Wm. Knees, Jr., Moline, vice-presidents; Wm. Goos, Bettendorf, Ia., secretary; Arvid Anderson, Moline, financial secretary; Wm. Knees, Sr., Moline, treasurer; Ed. Patten, Harry Bills and W. C. Wilson, directors.

C. O. E. Boehm announced that the subject for discussion for the next meeting would be "Schizanthus Wisetonensis as a Commercial Plant." Members will also be asked to give their experiences with *Verbena venosa*. The next meeting will be held at the home of Wm. Knees, Sr., Thursday, April 13.

WM. GOOS, Sec'y.

Benjamin Hammond's Motto.

Some time ago Wm. G. Barrett, president of the Tri-State Supply Co., White Plains, N. Y., made a tour of inspection of the Hammond Paint & Slug Shot Works, Beacon, N. Y., and some of the signs he saw there so impressed him that he later duplicated them in his own factory. One of the business maxims that impressed him especially was a sign painted in three-inch black letters on a wall at a turn of a stairway leading to the repair shop. "Waste Will Ruin Any Business."

There in five words was the explanation of the atmosphere of efficiency and wide-awakeness—the concern's watchword.

The avoidance of waste means the acquiring of profits not only for the employer, but the employee as well. That is the simple creed or part of it, that Benjamin Hammond put into his business, and on which the business certainly thrives.

Vegetable Dish Rags.

An interesting floral note is contributed by the Bellbrook correspondent of the Xenia Republican, who announces the vegetable dish-rag in its perfected state. Prominent floral scientists of Bellbrook have been experimenting along the line indicated for some little time and at last, by a secret process of ingraftings, have produced a plant which bears genuine dish-rags, or at least capital substitutes for them. Dish-rag garden-plots are now seen on every hand in Bellbrook, and charming young shadow-lacers of the region, pouting prettily, are said to be unable to see why the scientists couldn't develop something really useful, like flesh-pink radium silk, for instance, while they were about it.—Columbus, O., State Journal.

Historical Item of the Future.**THE GASOLINE RIOTS IN NEW YORK.**

On the morning of the third day a large mob of auto owners collected in Madison Square Garden and threatened to burn the city. The price of gasoline had gone to a dollar a gallon the night before. The mayor was powerless. Bands of desperate men, starving for gasoline, were marching over the surrounding country. Walking was taught in many schools—others learned it by themselves.—News Bureau.

DECATUR, IND.—Irvin Elzey has purchased the interest of Dale Moses in the firm of E. S. Moses & Co.

The American Florist Company's Directory of Florists, Nurserymen and Seedsmen of the United States and Canada

(Copyrighted and Title Trade-Mark Registered).

Directory Revision

WE are revising our **Trade Directory** of the **Florists, Nurserymen, Seedsmen, etc.**, of the United States and Canada, and as there have been many changes in firm name and considerable extension of the area under glass, nursery grounds, etc., you would greatly oblige by supplying the following information with reference to your business:

In all cases state (1) Name of firm or proprietor, with the officers of corporations; (2) Name of manager; (3) Address, giving street and number or rural route; (4) City or town; (5) State; (6) when business was established; and (7) Whom present owner succeeded.

If Florists, state whether (1) Grower; (2) Retail, having store only; (3) Wholesale; or (4) Commission. If a grower state acreage of ground operated and give number of square feet of glass.

To ascertain the number of feet under glass in a given house. 145
12x145 feet, multiply the length (145 feet) by the width (12 feet) and 12
you have in that house 1,740 feet under glass, thus..... 1,740

If Nurserymen, state whether (1) Wholesale; (2) Retail; (3) acreage of ground operated and area under glass as in the case of florists above.

If Seedsmen, state whether (1) Dealer; (2) Grower; (3) What your specialties are; (4) If a grower, state acreage operated and area under glass, as in the case of florists above.

Inclose your printed letterhead or business card with above details of the business.

Please send the names and addresses of new firms in your vicinity.

Horticultural Supply Concerns

We also list all lines of **Horticultural Supply Concerns**, such as manufacturers of **Greenhouse Building Materials, Boilers, Ventilators, Glass, Insecticides, Pots, Labels, Seed Bags, Fertilizers, Wire Designs, Tinfoil, Vases, Machinery, Implements, Sprayers, Seed Cases, Flower Pots, Florists' Boxes, Ribbons, Etc.** The specialties are also listed under these heads in the case of advertisers.

ADVERTISING RATES:

Including Copy of New Edition.

Page (3½x6½ inches).....	\$25.00
Half page (3½x3¼ inches).....	15.00
One-fourth page (3½x1½ inches).....	9.00

The Price of the Book is \$3.00 per Copy, Postpaid.

SEND YOUR ADVERTISEMENT NOW.

American Florist Company
Directory Department. 440 S. Dearborn St., CHICAGO.

VAUGHAN'S PERFECTION POINT

Vaughan's Seed Store, Chicago, New York

No. 2. Large single thick glass.
No. 2½. Double thick.
No. 2, price per box of 1000 (weight, 1 lb 155c; in lots of 5000, 50c per 1000.
No. 2½ (1½) per 1000 60c, 5000 at 55c.



Use EVANS' Challenge Vent Machine

Write for catalog.

JOHN A. EVANS CO.,
RICHMOND, IND.

New Orleans Horticultural Society.

The spring flower show which will be staged in the Athenaeum, New Orleans, La., early in April, under the auspices of the New Orleans Horticultural Society, the proceeds to be given to the Louisiana Anti-tuberculosis League, gives promise of being the biggest event of its kind ever attempted in the south. Thousands of flowers and rare plants will occupy the entire main floor of the building, arranged as an immense patera, and members of the committee, composed of the leading florists of New Orleans, having the details of the exhibition in charge, are giving their best efforts to secure novel as well as artistic features. There will be music each night, with lyric entertainment features and general displays pertaining to the embellishment of the home.

At a meeting held at the Association of Commerce building March 9, P. A. Chopin, chairman of the committee on arrangements, presented an elaborate plan for an immense patera, which was unanimously adopted. Others present were: C. R. Panter, secretary; Henry Schuerman, ex-officio chairman; Max Scheinuck, E. Farley, Claude Ory, H. Mische, A. Verlinde, A. Dameran, Henry Kraak, C. W. Eichling, H. Doeschner, F. Dormay, Frank Reyes, Abele Brothers and representatives of the Steckler Seed Co. Every one present applied for floor space and allotments were made so that plans for the arrangement of the decorations could be worked out.

The following firms have offered valuable prizes to be awarded in the competitive classes: Reed & Keller, New York; Henry A. Dreer, Inc., and M. Rice Co., Philadelphia, Pa.; A. L. Randall Co. and Sefton Manufacturing Co., Chicago; Shaw Fern Co., Pittsfield, Mass.; Searcy & Pfaff and the H. Raymond Cutlery Co., New Orleans.

C. R. PANTER, Sec'y.

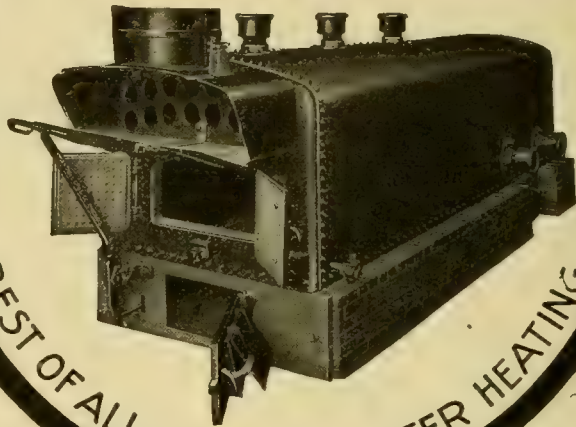
Newport Horticultural Society.

At the regular meeting of the Newport Horticultural Society, held March 14, it was voted to change the dates of the mid-summer show from August 10-12 to August 17-19. The change was made on account of many members wishing to attend the American Gladiolus Society's show in Boston during the week of August 7-12. It was also announced that two lectures, open to the public, will be given under the auspices of this society, one, March 28, by Professor Burt L. Hartwell, of Kingston Agricultural College of Rhode Island on "How Plants Feed," and the other by Professor E. H. Wilson, of the Arnold Arboretum, Jamaica Plain, Mass., on "Flowers and Gardens in Japan." An interesting paper on "Boxwood and Its Enemies" was read by Bruce Butterton, gar-

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CATALOGUE

DO IT
TODAY

THE KROESCHELL GREEN HOUSE BOILER



Kroeschell
Bros. Co.

452 WEST
ERIE ST.,
CHICAGO

BEST OF ALL FOR HOT WATER HEATING

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

dener for E. J. Berwind. James Bond exhibited a vase of Glory of Haarlem tulips, for which he was awarded a cultural certificate. A committee was appointed to arrange for a ladies' night during the week following Easter.

J. J. B.

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

PRINTING FOR FLORISTS

THREE COLOR SHIPPING LABELS

Time Cards, Office Stationery and printing of every description. In writing for Samples, always enclose return postage.

Gorham & Limpus Press
542 S. Dearborn St., CHICAGO.

CORFU, N. Y.

It is some distance from Des Plaines, Illinois, where our factory is located, but still the celebrated Garland Cast Iron Gutter has had a friend there for over 14 years, as you will discover when reading the following letter.

DAVID J. SCOTT

WHOLESALE
FLORIST

Garland Manufacturing Co.,
Des Plaines, Ill.

Corfu, N. Y., February 23, 1916.

Gentlemen:—

Will you please quote me price on 90 feet of Garland Cast Iron Gutter with drain and drip opening at one end? To be drilled for 16" width glass on one side and 12" on the other. This is to replace a wood gutter.

I am pleased to say that the 750 feet of Garland Gutter used by my father in the erection of a range of glass in 1902 is apparently in as good condition as the day it was put up.

Very truly yours,

DAVID J. SCOTT.

The quality of our materials is in keeping with our gutters and we wish to again call your attention to the fact that we make the greenhouse complete, either steel or wood, and will greatly appreciate it if you will let us figure on your next house or houses. Estimates and plans cheerfully submitted.

GARLAND MANUFACTURING COMPANY,
DES PLAINES, **LOUIS WITTBOLD, President.** **ILLINOIS.**

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chillwell Nurseries, LOWDHAM, Notts, England

Mention the American Florist when writing

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed

IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

Mention the American Florist when writing



Emergency Pipe Clamps mend splits and rust holes in iron pipes quickly, surely and permanently. Booklet free.

M. B. SKINNER & CO.
560 W. Washington St., CHICAGO



Paying Houses

When planning for your new houses you no doubt wish to erect the same so that in the course of time you have the best returns from them. You want to consider the **DURABILITY**, the **CONVENIENCE**, the **EFFICIENCY**, and last but not least, the **COST** of the houses. Not one of these points is overlooked in our construction. Write for our sketches and estimates.

Inquire for our **GLASS PRICES**. They will interest you.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material Hardware Hotbed Sash

Mention the American Florist when writing

AT YOUR SERVICE

We can ship all kinds of Ventilating Apparatus and Greenhouse Fittings on short notice. Every part we furnish is guaranteed to give satisfaction and prices reasonable. Let us hear from you. We will gladly send one of our catalogs free.

See our Exhibit and representative at the National Flower Show in Philadelphia.

End your troubles by writing to

Advance Co.
RICHMOND, IND.

Mention the American Florist when writing



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.**GREENHOUSES****We Claim Maximum Strength and Minimum Shadow. Investigate****Save 25% On****Erection, Heating and Glazing.****MIKE WINANDY, JR.****Greenhouse Builder****6236 N. Lincoln St., CHICAGO, ILL.****Indianapolis.****TRADE CONDITIONS SATISFACTORY.**

Business during the past week has been very good, all stock moving well. Prices have been satisfactory, roses being quoted at from four cents to ten cents, and carnations, which were rather scarce, brought from one and one-half cents for splits to three cents for good stock, and the St. Patrick's day demand boosted the prices for light colors to four cents.

NOTES.

Due to the fact that a member of the public instruction committee authorized a statement, which was published in the local papers, that St. Patrick's day and Mothers' day would be observed as one, the situation in Indiana was considerably muddled up. The plan is not feasible and will not be tried again. Each year it becomes more prevalent for the rural communities in this vicinity to set their own dates for the observance of Mothers' day. They claim that in this way they can get better prices and a more plentiful supply than on the day of general observance.

Henry Riemann, J. Hartje and Irwin Bertermann will attend the Fourth National Flower Show at Philadelphia.

C. H. Bookedis, the Claypool Hotel Florist, made a business trip to Louisville, Ky., this week.

Wm. Roepke will add one new house to his range on East Washington street.

The Smith & Young Co. are again on terms of peace with their "Lizzie."

Visitors: Samuel Seligman, representing Wertheimer Bros., and Julius Dilloff, representing Schloss Bros., both of New York.

Ft. Wayne, Ind.

St. Patrick's day business was excellent. Not only were large numbers of green carnations disposed of, but there were several dinner parties, calling for table decorations. Warm weather has increased the supply of stock but a heavy demand for funeral work overcomes the lack of sales for social functions.

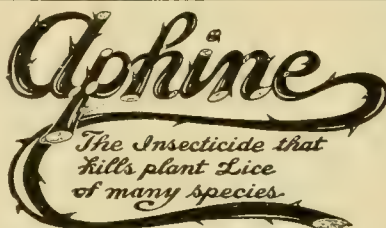
NOTES.

Herman J. Leitz of the New Haven Floral Co., New Haven, Ind., inspected several of the local ranges during a recent visit. He is busy planting his new rose houses with Killarney, Russell, Shawyer and Ophelia.

The Flick Floral Co. reports a heavy demand for funeral work, both local and out-of-town. The staff, under Miss Marguerite Flick, arranged several elaborate pieces during the week.

George Pandell has taken over the management of the Fort Wayne Flower Shop and is doing extensive newspaper advertising. He uses shipped flowers entirely.

H. K.

**THE RENOWNED FOOD FOR PLANTS.****MANUFACTURED BY****CLAY & SON,****STRATFORD, LONDON, ENGLAND****The Recognized Standard Insecticide**

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.*Mention the American Florist when writing***NICOTINE 40%****GUARANTEED BY****The GRASSELLI CHEMICAL CO.**

CLEVELAND NEW YORK CINCINNATI

CHICAGO MILWAUKEE ST. PAUL

ST. LOUIS

WRITE FOR PRICES*Mention the American Florist when writing***NIKOTEEN**

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.

NICOTINE MFG. CO.

ST. LOUIS

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After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
842 Grandy Ave., Detroit, Mich.**Free**

This Fine

BUDDING KNIFEFor 2 New
Subscriptions.**American Florist Co.**

440 S. Dearborn St., CHICAGO

Unequaled for greenhouse and
landscape fertilizing.**THE PULVERIZED MANURE COMPANY**

32 UNION STOCK YARDS, CHICAGO

**Aetna Brand
Tankage Fertilizer**

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

Established 1765

Incorporated 1904

HEWS STRONG RED POROUS POTS

POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cycamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass.

New York, N. Y.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE,

N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. M. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'TY

HARRY BALSLEY,

Detroit, Mich.

Rep.

490 Howard St.

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RED POTS

STANDARD AZALEAS

PANS

HARLEY POTTERY CO.,

NASHVILLE, TENN.

Mention the American Florist when writing

Tile Greenhouse Benches NEVER ROT.

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood.

Write today for circular, showing our new "ALLTILE" Bench.

CAMP CONDUIT CO., Cleveland, O.



GEO. KELLER & SON,
Manufacturers of
Red Pots

Before buying write for prices.

2614-2622 Herndon St.,
CHICAGO

Mention the American Florist when writing



Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

The Peters & Reed Pottery Co.

So. Zanesville, Ohio

WM. M. WARRIN
16 W 23rd St., NEW YORK

"MOSS AZTEC" WARE

I. G. KIMBLE
6 E. Lake St., CHICAGO

Mention the American Florist when writing

DREER'S "Riverton Special" Cedar Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.45	\$16.00	\$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

Henry A. Dreer, Seeds, Plants, Bulbs and Supplies. 714-716 Chestnut St., Philadelphia, Pa.

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Waterproof,
Don't Break,
Cost Little.

NEPONSET

Flower and Vegetable Waterproof

Paper Pots

Vaughan's Seed Store, Agents,
CHICAGO and NEW YORK.

Shippers may use them and save their customers many dollars in express charges

Mention the American Florist when writing

The Regan Printing House LARGE RUNS OF CATALOGUES

OUR SPECIALTY
WRITE FOR PRICES.

527 Plymouth Place, CHICAGO

Mention the American Florist when writing



Standard Flower Pots

Porosity and Strength
Unsurpassed.

Write for prices.

A. F. KOHR

2934-34-38 N. Leavitt St., CHICAGO

Mention the American Florist when writing

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

Mention the American Florist when writing

Since Its Organization

The Florists Hall Association has paid
2,250 losses, aggregating 348,000.00.
For particulars, address

JOHN G. ESLER, Saddle River, N. J.

Lock the door before the horse is stolen.

Mention the American Florist when writing

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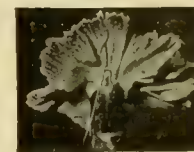
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Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
delphia, Pa., March 25-April 2. For premium
list and all other particulars address JOHN YOUNG,
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AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
wardsville, Ill., President; W. J. VESEY, JR., Ft.
Wayne, Ind., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La.
August, 1916. EMIL T. MISCHE, Portland, Ore.
President; R. W. COTTERILL, Seattle, Wash.
Secretary-Treasurer.

Show May Close Saturday

Philadelphia, March 29.—The show
will close Saturday, April 1, unless
city authorities give permission to
open Sunday, which at present is
doubtful. JOHN YOUNG.

FOURTH NATIONAL FLOWER SHOW

Philadelphia, Pa., March 25-April 2,

Of the Society of American Florists' Co-operating with The Pennsylvania Horti-
cultural Society, The American Rose Society, The American Carnation
Society, Florists' Club of Philadelphia, American Sweet Pea Society,
American Gladiolus Society, National Association of Gardeners,
American Dahlia Society, Chrysanthemum Society of
America, Florists' Telegraph Delivery.

Philadelphia Makes Splendid Record.

Bewildering in its variety, wonder-
ful in the size and general excellence
of the many exhibits, the Fourth Na-
tional Flower Show opened on time at
Convention hall, Saturday afternoon,
March 25, as perfect in every detail as
it is possible for an exhibition of such
magnitude to be. Two weeks ago the
local committees wondered where the
plants and flowers needed to fill the
immense hall were coming from. Very
severe weather, together with
railroad embargoes, placed obstacles
in the way of many promising exhibits
that were expected; Thomas Roland's
acacias might not arrive; A. N. Pier-
son, Inc., F. R. Pierson Co., and other
prominent firms on whom so much de-
pended, might perhaps be able to stage
only partial displays. These fears,
however, proved to be groundless, as
on the evening preceding the opening
of the show there was more stock on
the floor of the hall than could be
properly placed, the general comment
being that there was sufficient material
to fill two such buildings. As it was,
many of the plants, particularly the
large palms and ferns, were much too
crowded and the aisles were not suf-
ficiently wide to provide room for the
immense crowds. Saturday, the at-
tendance and box office receipts were
in excess of the first day of any pre-
vious show, which fact was most
pleasing to the National Flower Show
committee.

While the exhibition was first class
in every respect, with quality the rule
in nearly all of the entries, there were
especially notable exhibits, high lights
of the general display, that stood out
predominantly, attracting the eye and
compelling the attention of visitors.
The acacias of Thos. Roland, Nahant,
Mass., superbly flowered and staged
better than at any previous show, oc-
cupying a space 135 feet long, with an
average width of 35 feet, presented a
wealth of bloom and graceful foliage
that made this exhibit one of the great

features of the show. There were 256
plants, ranging in size from 8-inch
pots up to large tubs.

The rose garden of Henry A. Dreer,
Inc., Philadelphia, Pa., a display of
about 10,000 hybrid tea roses in pots,
arranged in four large beds, surround-
ed by a low white fence, partially cov-
ered with climbing varieties, proved
to be one of the beauty spots of the
show. Never before have hybrid roses
been done so well. The plants carried
from four to eight buds, the other
buds being removed, making those re-
maining of extra size. There were five
arched entrances to the enclosure and
a wide path with sod border led down
the center of the space. Opposite the
middle entrance, a greenhouse of King
construction, was filled with stock of
the smaller varieties and permitted of
closer inspection. The tables were bor-
dered with Pteris Rivertonii, a splen-
did new commercial sort. Two large
beds of bulbous stock at either end of
the space added variety. This exhibit,
splendid in every detail of its arrange-
ment, presented a perfect garden effect
and was worthy of careful study by
every one interested in flower show
arrangement.

The rose gardens of the Robt. Craig
Co., Philadelphia, Pa., and A. N. Pier-
son, Inc., Cromwell, Conn., were strong
features and were at all times sur-
rounded by admiring throngs. The
Pierson exhibit was a delightful rep-
resentation of a June garden, enclosed
with a rustic fence with high posts
at the corners. Three gates gave en-
trance to the enclosure, the center of
one side of which was occupied by a
rustic summer house covered with yel-
low rambler roses, the fence decora-
tion being of Tausendschon. A small
pyramidal bed formed the center, with
additional beds in the center of grass
plots in the four corners. An inside
border was well filled with polyantha
roses in full bloom. It was a trifle
crowded, but was nevertheless very
beautiful.

The Italian garden of the Robt. Craig Co. was more pretentious, being enclosed by a light-colored stone wall, high at the rear and low in front, with statues supporting an arch rising high at the rear, the whole being adorned with electric globes arranged along the edge of the wall. Vases supported by statuary were placed on the end wall, while the front entrance was surmounted by an arch. An illuminated fountain played continuously in the center of the enclosure. The walls, both inside and out, as well as the vases, were embellished with rambler roses in flower. These were also planted in the border surrounding a grass sward, made of boxes of seedling grass. Although the walls seemed a trifle heavy for the size of the garden, the effect was fine and the exhibit was awarded the first prize in its class, \$500, the Pierson entry being given the second prize of \$400. The roses of M. H. Walsh, Woods Hole, Mass., although coming such a long distance, made a fine display. They were arranged to give a garden effect and won the third prize of \$300. A. N. Pierson and the Robt. Craig Co. again became close contestants in the class for groups of roses covering 200 square feet, the Pierson entry being first and that of the Craig Co., second.

The Holland garden exhibit of the Henry F. Michell Co., Inc., Philadelphia, Pa., was very striking. A large background painted to represent a bit of scenery of Dutch country, with its tulip beds and windmills, one of the latter, with its electrically lighted wheel in motion, was a conspicuous feature. This exhibit covered 500 square feet. A slightly elevated platform was erected, and upon this was a lawn of the famous evergreen grass. A border bed around the entire enclosure was planted on one side with box bush, in front of which were variegated funkias and beds of lily of the valley. The front and rear were enclosed with a low fence, on the inside of which was a border planted with rhododendrons, Ghent azaleas, pansies and daisies. In the center of the lawn was a large bed of white and blue hyacinths. Attendants in Dutch costume, a boy and a girl, passed out souvenirs and literature of the firm. The exhibit was planned and carried out by Philip Freund, the expense being nearly \$5,000.

Perhaps the next displays of interest were the orchids. C. G. Roebing staged a splendid collection, the first conspicuous beauty spot after one passed the entrance. The plants were arranged on a round table or mound, surmounted by a double arch, to which were attached blocks and pots laden with beautiful sprays of flowers. This collection was most valuable, being awarded 10 blue ribbons and eight second prizes. Louis Burk, who has a famous collection of orchids, erected a high rockwork mound or bank, from the center of which fell a silvery stream of water. The top of this embankment was filled with dendrobiums in variety, making a gorgeous fringe of color, beneath which were placed cattleyas, miltonias and other choice varieties in flower, all appearing to be growing out of the rocks. Around a pool at the base were *Cypripedium* saracenes and other quaint forms. The space in front of this display never seemed large enough to accommodate the admiring throng of visitors. The same exhibitor had a number of entries in other classes—all superb plants.

The orchid collection of the Julius Roehrs Co., Rutherford, N. J., was prettily staged, a six-foot background being covered with choice cattleyas and other plants. In the center of

this was a black cloth frame containing a splendidly formed plant of miltonia, a hidden electric light bringing out its beauty to perfection. On a table at the front was a mirror to represent a pool. This was surrounded by orchids and small plants of *cibotium*, while a plant of *Sophranitis grandiflora*, loaded with its orange-scarlet blossoms, was placed on the mirror, the reflection giving a charming effect. This firm also had entries in other classes, the plants being staged at the north end of the hall.

W. A. Manda, South Orange, N. J., was also an exhibitor of orchids, entering a number of valuable varieties, and his name was also seen in all parts of the hall in connection with displays of immense palms, specimen ferns, forced shrubs, new and rare rose plants, specimen evergreens and an exhibit of trained and clipped *Taxus baccata* as correct in outline as if cut from stone. Another novelty was a "pale" fence of boxwood surrounding this Manda section, each paling perfect in shape and height, even the cross bars at the top and bottom being shown. A very perfect plant of *Araucaria imbricata* was staged with the evergreens.

Many fine groups of ornamental foliage plants were seen in the competitive section. John Long's specimen ferns held their own as usual, and were the center of admiration of all good growers. Many single specimen plants, both ferns and palms, were staged by the Julius Roehrs Co. and W. A. Manda. One would have to practically go through the entire catalogue to describe each of the Manda entries. His first prizes totaled 28, with 12 seconds and one third prize. The Julius Roehrs Co. won nine first and six second prizes. The Robt.

and Wm. Kleinheinz, gardener for the Widener estate, all made large entries. There was a number of well arranged groups of flowering and foliage plants. The space allotted to these was necessarily small, and as the gardeners generally had enough plants to make two or three groups, they were all crowded into one. As they were seen from all sides, they resembled cones or haystacks in form, frequently being taller than the diameter of the display.

On either side of the stage platform, step stages had been built, and on these were placed the bulbous stock in pans. Such tulips, hyacinths and daffodils are rarely seen. The entries were large and numerous, various seedsmen having offered liberal prizes for stock grown from their bulbs. A feature in this section was the display of polyantha or yellow primulas by Wm. Sim, Cliftondale, Mass., which were very showy and attractive. He also staged some splendid pansies that were in a class by themselves. The cyclamens, superbly flowered, were also staged here, together with Easter lilies, schizanthus, gardenias, Rex begonias and some entries of crotons. Some very pretty miniature estates and gardens were also seen in this section.

The F. R. Pierson Co., Tarrytown, N. Y., won the principal prize for the best collection of *nephrolepis*. Following its usual custom, the plants exhibited by this firm were particularly well done. This collection occupied an advantageous position near the entrance. The Julius Roehrs Co.'s miniature estate, mansion and grounds, the latter consisting mainly of a rock garden planted in proportion to space, was, as a whole, as perfect as it seemed possible to make it. The exhibit of W. Atlee Burpee & Co., Phil-



MICHELL'S DUTCH GARDEN AT THE NATIONAL FLOWER SHOW.

Craig Co. was a large exhibitor, making 24 entries in various classes, its rose garden being the most important. Specimen plants, beds of crotons, roses, cyclamens, dracaenas, rubbers, ferns and other plants made up the list. This company drew no blanks, winning 16 first and eight second prizes.

Private gardeners put their best efforts into their work. Wm. Robertson, gardener for J. W. Pepper; John Dodds, gardener for John Wanamaker,

Philadelphia, Pa., was a mass of color, with large blocks of schizanthus at either end, between which were staged superb sweet peas. Wm. K. Harris, also of Philadelphia, arranged a splendid group of choice azaleas, hydrangeas, broom, genistas, rhododendrons and other flowering and foliage plants.

The retailers' section was interesting. Chas. Grakelow fitted up a dining room with the side next to the aisle open to view. A china closet,



ROBERT CRAIG CO.'S ITALIAN GARDEN AT THE NATIONAL FLOWER SHOW.

sideboard and dining room table were decorated with cut flowers appropriate for use with various flower days. Calendars were presented as souvenirs. Voller's House of Flowers had a space prettily fitted up in colonial style, with white arbor, furniture and pedestals, on which were placed filled rose floats. Tausendschon roses added color to the general arrangement. Harry Betz decorated his space with blooming plants, artistically arranged, as did John Kuhn, his neighbor, whose exhibit was aglow with choice blooming stock. The London Flower Shop displayed flower floats and iridescent bowls; also poster flower pots and filled bowls added color. John Gracey had a roomy space, which was decorated with choice plants in fancy baskets. These were given plenty of display room and made a fine appearance.

The "outside garden" or lawn at the entrance in front of the building was an attractive feature. On one side were specimen evergreens planted by Henry A. Dreer, Inc., and opposite the Henry F. Michell Co., Inc., had also planted evergreens and had a bed of hyacinths arranged as a flag with appropriate colors. Banks of evergreens immediately in front of the columns separating the several entrances were by Adolph Muller of the DeKalb Nurseries, Norristown, Pa.

The Pennsylvania Horticultural Society had a nicely arranged and roomy space just inside the entrance, which provided a comfortable rest room and meeting place for members and their friends.

The society tea garden, conducted under the auspices of the various social organizations was thronged at all times. Each day the young ladies who assisted in conducting the garden and sold flowers wore fancy costumes, which distinguished them from the visitors. They were a picturesque feature of the show.

Wonderfully interesting was the aquarium exhibit in the rear of the hall. Many of the tanks were ornamental and their interior arrangement was like the work of a landscape architect. The placing of the rocks, castles, pebbles and growing water plants was very artistic. The various large and small aquariums were illuminated with concealed lights, showing every movement of the brilliantly colored and wonderful looking occupants of these water cages. Every "pet" fish, if they may be so called, was to be found here. Very curious and interesting was the display. The lion heads, arandas, celestial telescopes, telescopes, Japs, nymphs, comets, fish without tails and others that seemed all tails and eyes, were seen in bewildering array. They were constantly in motion, parading, as it were, back and forth to show off their glorious and wonderful "plumage." This display was a great feature of the show.

One hundred Radiance roses, which won the first prize for the Joseph Heacock Co., were packed in a four-foot hamper, tied with ribbons and sent by special messenger to Jefferson hospital, Philadelphia, for Baby Sayre, President Wilson's new granddaughter, with the compliments of the management of the Fourth National Flower Show.

The Carnation Display.

The carnation display, under the auspices of the American Carnation Society, was all that was expected of it and more. It was staged on the rear sloping platform, which afforded sufficient space to do justice to each exhibit. Looking from the main floor the rising tiers of vases were a beautiful sight. R. C. Brown, of the Cottage Gardens Co., Queens, N. Y., a high authority, pronounced the exhibit high class in every respect and competition was very keen in all

classes. There was a very good showing in all the colors, the whites and pinks being particularly striking in their high quality.

Crystal White beat out Matchless with a splendid vase of 100. Peace, apparently equally as strong as either, received nothing. Pink Delight made a fine showing, but seemed only half the size of the other pinks. One hundred Pink Sensation, in an adjoining vase, was considered by good judges the best vase of any color in the show. They were wonderfully large flowers, many of them four inches in diameter, borne on stems almost four feet in length. They were staged by A. A. Pembroke, Beverly, Mass. A vase of Cottage Maid, superb flowers, won second. A vase of well-grown Alice Coombs was also in the competition. Mrs. C. W. Ward, dark pink, was beaten by Gorgeous, staged by A. A. Pembroke. A well-groomed vase of Rosette also ran.

In the crimson class, J. W. Minnot Co., Inc., Portland, Me., won with a superb vase of 50 Pocahontas, while A. N. Pierson, Inc., received second for a vase of Arawana.

In the flesh-colored section, the Halifax Gardens Company, Halifax, Mass., won with Enchantress Supreme. Alice also stood out fine in all the entries. The pink or red striped sorts included seven vases of fifty Benora, first prize going to A. A. Pembroke, while Halifax Gardens also won with 100 of the same. The table of 25 to a vase, three dozen vases in assortment, made a fine showing. Two vases of 100 each Flaked Beauty, a flower resembling Old Prosperity, and Alice, were much admired. Evenden Brothers, Williamsport, Pa., had a Giant White that looked good.

J. D. Thompson Carnation Company, Joliet, Ill., staged vases of Superb and Aviator, both in splendid condition. Baur & Steinkamp, Indian-

apolis, Ind., staged a vase of light red, very large flowers.

Good Cheer, by the Cottage Gardens Co., had a very erect stem, but a doubtful shade of deep pink.

In the reds, Beacon and Victory were the leaders. A vase of Belle Washburn, staged by Bassett & Washburn, Chicago, here two days, still looked very well; a splendid flower.

Considering that many of the flowers came from quite a long distance, they kept remarkably well; there not being a sleepy vase in the lot. The awards follow:

One hundred blooms, white—Cottage Gardens Co., first; A. A. Pembroke, second.

One hundred blooms, flesh pink—A. A. Pembroke, first; Wm. Wunder, Philadelphia, second.

One hundred blooms, light pink—A. A. Pembroke, first; Cottage Gardens Co., second.

One hundred blooms, red—Cottage Gardens Co., first; W. A. Dawson, Willimantic, Conn., second.

One hundred blooms, crimson—J. W. Minnott Co., first; A. W. Pierce & Co., second.

One hundred, variegated—Halifax Gardens, first; E. F. Lecker, second.

Sweepstakes—Cottage Gardens, silver medal for Crystal White; bronze medals, A. A. Pembroke, for Pink Sensation and White Wonder; E. F. Lecker for I. H. Dudman.

Any other white—Strout's, Biddeford, Me., first; Halifax Gardens, second.

Enchantress Supreme—Halifax Gardens, first.

Any other pink—Cottage Gardens, first; Strout's, second.

Gloriosa—S. J. Goddard, Framingham, Mass., first.

Mrs. C. W. Ward—A. Harvey & Son, Brandywine Summit, Pa., first; F. Birnbrauer, Philadelphia, second.

Any other dark pink—E. F. Lecker, first.

Beacon—Halifax Gardens, first; J. W. Minnott Co., second.

Any other scarlet—A. Harvey & Son, first; C. L. Doerer, Westfield, N. J., second.

Pocahontas—Strout's, first.

Benora—A. A. Pembroke, first; Halifax Gardens, second.

Yellow—J. J. Goddard, first.

Twelve largest blooms—E. G. Hill Co., Richmond, Ind.

Preliminary certificates were issued to the following: Evenden Bros., for white seedling; J. D. Thompson Carnation Co., Joliet, Ill.; Baur & Steinkamp for cerise seedling; E. A. Richards, Greenfield, Mass., for rose pink seedling; Peter Fisher, Ellis, Mass., for Flake Beauty. Special mention: Bassett & Washburn for Belle Washburn.

Notes.

The art gallery was a unique feature with cut flowers in various receptacles in gilt frames about 18x24 inches. The gallery was draped in red. The idea of floral pictures was fairly well carried out with different shades of velvet backgrounds. The following firms made exhibits: Edwards Floral Hall Co., vase of lilies in white frame; E. W. Gehringer, box of Fire-flame roses, black velvet background, gilt frame; Wilhelm Logan Flower Shop, Frau Karl Druschki and Sweetheart roses in white vase, black velvet background, gilt frame; Rupert Keimle, coopered jardiniere, filled with red carnations, black background, gilt frame; L. A. Geiger, basket red roses and yellow daisies, green ribbon; Voller's House of Flowers, pink roses and sweet peas in rose float; green velvet background; Geo. Williams, birds nest ferns, Benora carnations in vases, green velvet background; Victor Redmont, vase of callas and Pandanus Veitchii leaves, black velvet

background; Louis Burk, basket of orchids in black velvet frame on easel; M. J. Callahan, jardiniere filled with Ophelia roses, yellow daisies and cat-tleysas; John C. Gracey, basket of Ophelia roses with pussy willows; I. Nelson Geiger, orchids, lilacs and baby primroses.

The New York delegation, some 250 strong, arrived at the Broad street station at noon, March 28. A reception committee of the Philadelphia Florists' Club bade them welcome and extended the glad hand. J. Otto Thilow made an address, as did H. Cattell, who represented Mayor Smith. President Weston of the New York Florists' Club presented an American flag, also the civic flag of New York. Charles Grakelow spoke for National Chairman George Asmus, welcoming the delegation on behalf of the Society of American Florists. After dinner the delegations were taken by train to North Philadelphia. There they were met by the convention band and marched in a body to the hall. It was raining hard, but this did not dampen their ardor, and they were a happy lot as they marched around the exhibition to the music of the band.

The trade display on the outer corridor under the stage was brilliantly lighted at all times. The aisle was very wide, with plenty of room to accommodate the visitors. The A. L. Randall Co.'s exhibit was very full and complete to be brought such a distance. The Hammond exhibit was improved by the addition of cut callas, roses and carnations, to be kept up daily. A rustic railing was placed in front of the Burk exhibit of orchids to keep the visitors from crowding, so many being attracted to this spot.

By all rosarians and members of the craft there were only words of praise for the great display in the rose garden of H. A. Dreer, Inc. Additional illumination was added on Monday, which brought out the individual beauty of each flower. The exact timing of the blossoming period was considered a wonderful achievement.

Max Schling's lecture, given Tuesday afternoon, March 28, on the arrangement of flowers, with demonstration, completely captivated his audience, which packed the auditorium. After each arrangement, with its accompanying description, he received a round of applause, and at the close was given a great demonstration of approval.

Robert Pyle's rose lecture Tuesday night, March 28, was beautifully illustrated. The lecture room would not hold near all the people who desired to hear him. His remarks were very practical and much appreciated by his audience. A moving picture of a flower pageant in Pasadena was also shown.

W. A. Manda: "The show is wonderful. The amount of good stock is sufficient to fill two halls of this size. The attendance is surprisingly large. The love for flowers is growing faster than the ability of the trade to supply."

Wm. F. Gude: "Beyond all expectations. Twice as much high-class stock as my fondest wish could have dreamed of."

M. McLanahan: "A dandy show, fine; just a little congested."

Condensed Comment.

Philadelphia certainly is experiencing a horticultural revival equivalent to a Billy Sunday effort. Not only has the daily press exploited the business with editorials and illustrations, but the seedsmen have jumped into the advertising columns. Burpee had half a page in the Monday papers, showing them what "garden

sass" looked like, and the other seedsmen followed with somewhat less space.

Quite a few New York florists made daily trips over to the show. Sunday the exhibition was open only to the trade, closing at six o'clock. Many of the trade visited Atlantic City, or Dreer's, or rode in the park.

The dinner given at six o'clock, Saturday evening, March 25, to the jurors and out-of-town notables was an overflow affair with informal talks of the show in the making made by W. F. Therkildson, George Asmus and others.

Chairman Therkildson, of the publicity committee, at the jurors' dinner Saturday evening, March 25, stated that the free publicity given by the press was worth at usual advertising rates over \$28,000.

Tradesmen all agree that this must be the ideal time of the year for commercial results, since orders actually taken at the show are more than double the usual bookings at shows held in autumn or winter.

The attendance of the public Monday night, March 27, was good. Trade visitors are coming in freely from all sections of the country.

The Walton hotel overflowed Sunday, March 26, with a Hebrew convention, shutting out scores of late arriving florists.

The Craig rose garden, Italian style, an upright fountain with changing colors and spray effects, made a most attractive feature.

In the Saturday, March 25, competition Robt. Craig Co., with 24 entries, took 16 firsts and eight seconds.

M. H. Walsh, of Woods Hole, Mass., was warmly welcomed by the rosarians.

It rained all day Tuesday and the attendance was light.

An oasis in the Walton dry sands, No. 707.

Many friends regretted the indisposition and absence of Gurney Hill.

Business Displays.

Advance Co., Richmond, Ind., ventilating apparatus.

Alphano Humus Co., New York, samples grass and plants grown with humus.

American Seed Tape Co., New York, filled tape.

A. A. Arnold Paper Box Co., Chicago, J. Marks in charge; boxes.

H. Bayersdorfer & Co., Philadelphia, Pa., Martin Reukauf, Chas. Shakelman and M. Rust in charge; florists' baskets, ribbons, chiffons, bird cages, aquariums, bridal furniture, etc.

W. J. Boas & Co., Philadelphia, Pa., folding boxes.

Bon Arbor Chemical Co., Paterson, N. J., Ed. Earnshaw in charge; chemicals.

Burlington Willow Ware Shops, Burlington, Ia., S. Dawson in charge; florists' baskets.

The Cloche Co., New York, plant cases and glass plant forcers.

Coldwell Lawn Mower Co., Newburgh, N. Y., J. C. Chancellor, H. J. Robinson in charge; lawn mowers.

Conard & Jones, West Grove, Pa., roses in pots.

John J. Connelly, Bryn Mawr, Pa., miniature delivery auto, vases and boxes.

Arthur Cowee, Berlin, N. Y., Miss Chandler and Mrs. Hivey in charge; gladiolus bulbs.

Robt. Craig Co., Philadelphia, Pa., L. J. Seger and J. Jones in charge; mound of special foliage plants.

Davey Tree Expert Co., Kent, O., tree surgery, photos of work done.

Edwards Folding Box Co., Philadelphia, Pa., boxes.

Falper Pottery Co., Flemington, N. J., flower floats, fancy iridescent pottery, vases, etc.



Daniel MacRorie.
President Society of American Florists.



George Asmus.
Chairman National Flower Show Committee.



Wm. F. Kasting.
Treasurer National Flower Show Committee.



Patrick Welch.
Member National Flower Show Committee.



John Young.
Secretary National Flower Show Committee.



Chas. H. Totty.
Member National Flower Show Committee.



Adolph Farenwald.
Member National Flower Show Committee.



Wm. P. Craig.
Member National Flower Show Committee.



Thomas Roland.
Member National Flower Show Committee.

NATIONAL FLOWER SHOW COMMITTEE OF THE SOCIETY OF AMERICAN FLORISTS.

Floral Nurseries, Edgely, Pa., cut blooms of roses.

C. S. Ford, Philadelphia, Pa., florists' baskets, artificial flowers, butterflies and birds.

Galloway Terra Cotta Co., Philadelphia, Pa., vases and garden furniture. Benjamin Hammond, Beacon, N. Y., paints, slugshot, grape dust, etc.

W. K. Harris, Philadelphia, display of Asplenium nidus avis.

Harrisons' Nurseries, Berlin, Md., G. W. Clement and F. A. Vesters in charge; evergreens.

Joseph Heacock Co., Wyncote, Pa., kentias and cibotiums.

Hitchings & Co., New York, section of curved eave greenhouse.

Ideal Lighting Co., Davenport, Ia., boxes and vases.

R. J. Irwin, New York, plants and bulbs.

Japanese Perfume Co., New York, perfumes.

B. D. Kapteyn & Son, Sassenheim, Holland, flowering bulbs in pans.

King Construction Co., North Tonawanda, N. Y., model greenhouse filled with Dreer's roses.

Kroeschell Bros. Co., Chicago, F. Lautenschlager in charge; photos and blue prints of boilers and literature.

Lager & Hurrell, Summit, N. J., collection of orchids in flower.

Lord & Burnham Co., New York. M. C. Wright, D. F. Conner and L. W. Woodward in charge; curved eave greenhouse, table filled with plants in flower.

Mathews Mfg. Co., Cleveland, O., H. Mathews in charge; garden furniture.

Metropolitan Material Co., Brooklyn, N. Y., E. R. Story in charge; model greenhouse.

Chas. F. Meyer, New York, cut blooms of lilies.

John C. Moninger Co., Chicago, E. F. Kurowski, A. Hammarstrom in charge; samples showing details of construction. Very complete.

J. Wolf Moore, Philadelphia, Pa., heart-shaped table filled with large heart of flowers each day.

Jos. Neidinger Co., Philadelphia, Pa., J. Neidinger and M. Hampton in charge; plant baskets, wreaths and artificial flowers.

Peacock's Dahlia Farms, Atco, N. J., photos and literature.

H. V. Pearce, Detroit, Mich., steam-traps.

S. S. Pennock-Meehan Co., Philadelphia, Pa., H. S. Price and A. W. Swan in charge; florists' ribbons and cut flower baskets.

The Pfaltzgraff Pottery Co., York, Pa., pots and jars.

Philadelphia School Gardens, samples of work done by students, photographs and literature.

A. N. Pierson, Inc., Cromwell, Conn., cut blooms of roses, ferns and rose plants.

A. L. Randall Co., Chicago, A. M. Anderson and R. E. Blackshaw in charge; wicker plant and flower baskets, hand painted trellis tins, bird cages, aquariums, vases.

M. Rice Co., Philadelphia, Pa., florists' baskets, vases, ribbons, fish globes and flower stands.

Richmond Cedar Works, Richmond, Va., A. C. Forbes in charge; tubs in all sizes.

Julius Roehrs Co., Rutherford, N. J., globebox bushes, Begonias Cinnamati and Mrs. J. A. Peterson and perennials.

John Scheepers & Co., New York, flowering bulbs.

Schloss Bros., New York, ribbons and chiffons.

School of Horticulture for Women, Ambler, Pa., samples of flowers raised at the school.

S. S. Skidelsky & Co., Philadelphia, Pa., roses, primulas, bulbs and seeds.

Skinner Irrigation Co., Troy, O., irrigation apparatus.

A. W. Smith Co., Pittsburgh, Pa., models of decorated lawns and gardens with dwellings.

Spencer Heating Co., Scranton, Pa., iron heaters.

George L. Stillman, Westerly, R. I., dahlia bulbs and seeds.

Strafford Flower Farm, Strafford, Pa., filled window and porch boxes.

G. E. M. Stumpp, New York, flowering plants, birds, butterflies, flower-holders, everything in up-to-date store accessories.

Supplee-Biddle Hardware Co., Philadelphia, Pa., lawn mowers.

Telephone Equipment Co., Philadelphia, Pa., sample telephones fitted with extension holders.

S. P. Townsend & Co., Orange, N. J., lawn mowers.

B. Hammond Tracy, Wenham, Mass., B. H. Tracy in charge; gladiolus bulbs.

Wm. Tricker, Arlington, N. J., lilies and aquatic plants.

Vaughan's Seed Store, Chicago and New York, bulbs, seeds, cut blooms of cannas and pots of caladiums.

Vim Motor Truck Co., Philadelphia, Pa., delivery cars.

Hosea Waterer, Philadelphia, Pa., seeds, bulbs and insecticides.

Wertheimer Bros., New York, S. Seligman, S. Eintrecht and B. Rosenbaum in charge; ribbons, shields, etc.

Western Union Telegraph Co. featured delivery of flowers by telegraph. Illustrated sign on pyramid of hyacinths telling the plan.

Whilldin Pottery Co., Philadelphia, Pa., ancient flower pots.

Women's National Agricultural & Horticultural Association, bird stock, seeds, bulbs, farm products and literature of gardens.

F. Zurn Co., Philadelphia, Pa., shading for greenhouse glass.

First Day's Awards.

SECTION K.

Plants in Flower—Commercial Growers.
 Acacias, collection, 200 sq. ft.—Thomas Roland, Nahant, Mass., 1st and 2nd.
 Acacias, 6 plants—Thos. Roland, 1st and 2nd.
 Acacias, 3 plants—Thos. Roland, 1st and 2nd.
 Acacia, specimen, any variety—Thomas Roland, 1st and 2nd.
 Anthurium, 6 plants—W. A. Manda, South Orange, N. J., 1st.
 Azalea Mollis, or Pontica, or both, 12 plants—W. A. Manda, South Orange, 1st.
 Bougainvillea, 6 plants—Robt. Craig Co., Philadelphia, Pa., 1st.
 Cyclamen, 12 plants—Robt. Craig Co., 1st.
 Ericas, Epacris and Baronias, collection—Knight & Struck Co., New York, 1st.
 Flowering and foliage, stove and greenhouse plants—R. Craig Co., 1st; W. A. Manda, 2nd.
 Collection forced shrubs, herbaceous plants—Julius Roehrs Co., 1st.
 Hydrangeas, 150 sq. ft.—R. Craig Co., 2nd.
 Hydrangeas, 6 plants—Robt. Craig Co., 1st.
 Hydrangea, specimen—Robt. Craig Co., 1st.
 Pansies, bed covering 50 sq. ft.—Thos. Sim, Cliftondale, Mass., 1st.
 Rhododendrons, collection covering 150 sq. ft.—Robt. Craig Co., 1st; Julius Roehrs Co., Rutherford, N. J., 2nd.
 Rhododendrons, 12 plants—R. Craig Co., 2nd.
 Rhododendrons, 6 plants—R. Craig Co., 2nd.
 Rhododendrons, 3 plants—R. Craig Co., 1st.
 Spiraea, 25 plants—R. Craig Co., 2nd.
 Spiraea, 12 plants—R. Craig Co., 2nd.
 Wistaria, specimen—Robt. Craig Co., 2nd.

SECTION L.

Bulbs in Flower.

Lillies, 50 pots—Robt. Craig Co., 1st.
 Narcissus, 20 10-in. pans—A. E. Wohlert, Narberth, Pa., 1st.
 Display of bulbs, etc., arranged as a Dutch bulb garden, covering 500 sq. ft.—H. F. Michell Co., Philadelphia, 1st.

SECTION M.

Ferns and Selaginellas.

Cibotium Schiedel, specimen—J. A. Peterson & Son, Westwood, Cincinnati, O., 1st; W. A. Manda, 2nd.
 Ferns, 12 plants—W. A. Manda, 2nd.
 Nephrolepis—F. R. Pierson Company, Tarrytown, N. Y., 1st.
 Collection of Nephrolepis in variety—F. R. Pierson Co., 1st.



ONE OF THE PLANT PYRAMIDS AT THE NATIONAL FLOWER SHOW.

Anton Zvolanek, Lompoc, Calif., cut blooms of sweet peas and sweet peas in tubs.

National Floral Corporation, New York, A. Dreifuss in charge; literature.

American Rose Society, B. Hammond in charge; booth with literature.

Florists' Telegraph Delivery Association, booth with literature and florists' boxes.

Stag's Horn Fern, 3 plants in variety—W. A. Manda, 1st.
 Tree fern, specimen—W. A. Manda, 1st.
 Fern, specimen, any other variety—W. A. Manda, 1st.

SECTION N.

Orchids—Plants.

Group of plants in variety—Julius Roehrs Co., 1st.
 Twelve plants, distinct varieties—W. A. Manda, 1st; Julius Roehrs Co., 2nd.
 Six plants, distinct vars.—W. A. Manda, 1st.
 Brasso-Cattleya, or Brasso-Laelia specimen—Lager & Hurrell, Summit, N. J., 1st; Julius Roehrs Co., 2nd.



GENERAL VIEW OF THE NATIONAL FLOWER SHOW.

Cattleya Mossiae—Julius Roehrs Co., 1st.
Cattleya Schroderae specimen—Lager & Hurrell, 1st; W. A. Manda, 2nd.
Cattleya specimen, any variety—Julius Roehrs Co., 1st; W. A. Manda, 2nd.
Cypripediums, collection 25 plants in variety—W. A. Manda, 1st.
Cypripediums, specimen—W. A. Manda, 1st; Lager & Hurrell, 2nd.
Dendrobium, 12 plants in variety—Julius Roehrs Co., 1st; W. A. Manda, 2nd.
Dendrobium nobile, spec.—W. A. Manda, 1st.
Dendrobium Wardianum, specimen—Lager & Hurrell, 1st.
Dendrobium, specimen—Lager & Hurrell, 1st; Julius Roehrs Co., 2nd.
Cattleya, Laelia or Laelia-Cattleya Hybrid, specimen—Julius Roehrs Co., 2nd.
Laelia, specimen—W. A. Manda, 2nd.
Odontoglossum, specimen—Julius Roehrs Co., 1st; W. A. Manda, 2nd.
Oncidium, specimen—W. A. Manda, 1st; Julius Roehrs Co., 2nd.
Phalaenopsis, specimen—Julius Roehrs Co., 1st; W. A. Manda, 2nd.
Vanda, specimen—W. A. Manda, 1st; Julius Roehrs Co., 2nd.
Hybrid orchid, raised in America—W. A. Manda, 1st.

SECTION O.

Palms and Foliage Plants.

Areca lutescens, specimen—W. A. Manda, 1st.
Box trees, 2 plants—W. A. Manda, 1st.
Box trees, 2 plants, std.—W. A. Manda, 2nd.
Box trees, 2 plants, bush—W. A. Manda, 1st.
Box trees, 6 trained—W. A. Manda, 1st.
Cocos Australis—W. A. Manda, 1st.
Cocos plumosus, specimen—W. A. Manda, 1st.
Crotons, group covering 100 sq. ft.—Robt. Craig Co., 1st.
Cycas, specimen—Robt. Craig Co., 1st; W. A. Manda, 2nd.
Dracaena, 12 plants—Robt. Craig Co., 1st.
Dracaena, specimen—Robt. Craig Co., 1st.
Ficus elastica, or var.—W. A. Manda, 1st.
Ficus pandurata—Robt. Craig Co., 1st.
Kentia Belmoreana, spec.—W. A. Manda, 1st.
Kentia Forsteriana—W. A. Manda, 1st.
Phoenix Roebelenii, 3 plants—Robt. Craig Co., 1st.
Phoenix Rupicola—W. A. Manda, 1st.
Phoenix, any other var.—W. A. Manda, 1st.
Palm specimen—W. A. Manda, 1st.
Stove and greenhouse plants, distinct, 6 plants—W. A. Manda, 1st; R. Craig Co., 2nd.
Yew trees, 6 trained—W. A. Manda, 1st.
Forced shrubs and herbaceous plants—W. A. Manda, 2nd.
Conifers, collection 25 plants—W. A. Manda, 1st; Andorra Nurseries, Chestnut Hill, Pa., 2nd.
Japan maple in foliage, 6 plants—W. A. Manda, 1st.

The Jurors.

Z. D. Blackstone.....Washington, D. C.
Leonard Barron.....Garden City, N. Y.
E. Beckett.....Purchase, N. Y.
S. Prestiss Baldwin.....Cleveland, Ohio.
H. A. Bunyard.....New York.
H. Brown.....Richmond, Va.
Emil Buettner.....Park Ridge, Ill.
Nicholas Butterbach.....New Rochelle, N. Y.
J. Ballentyne.....Ridgefield, Conn.
Wm. Brock.....Tuxedo Park, N. Y.
Robert Cameron.....Cambridge, Mass.
Geo. H. Cooke.....Washington, D. C.
W. N. Craig.....Brookline, Mass.
H. B. Dorner.....Urbana, Ill.
W. Downs.....Chestnut Hill, Mass.
Jno. Dolandson.....Patchogue, N. Y.
Peter Duff.....Orange, N. J.
Wm. Duckham.....Madison, N. J.
Wm. Eccles.....Oyster Bay, N. Y.
John Everitt.....Glen Cove, N. Y.
Wm. Falconer.....Pittsburgh, Pa.
Chas. Feast.....Akron, Ohio.
Wm. Fisher.....Baltimore, Md.
Wm. F. Gude.....Washington, D. C.
Robt. Graham.....Baltimore, Md.
C. F. Guenther.....Hamburg, N. Y.
Arthur Herrington.....Madison, N. J.
Wm. Hertrich.....San Gabriel, Calif.
J. F. Huxley.....Hartford, Conn.
F. Heeremans.....Lenox, Mass.
E. Jenkins.....Lenox, Mass.
J. F. Johnson.....Glen Cove, N. Y.
F. J. Keller.....Rochester, N. Y.
Michael Keller.....Rochester, N. Y.
Edward Kirk.....Bar Harbor, Maine.
Chas. Knight.....Oakdale, N. Y.
Otto Koenig.....St. Louis, Mo.
Wm. F. Kasting.....Buffalo, N. Y.
A. J. Loveless.....Lenox, Mass.
Fred Meinhardt.....St. Louis, Mo.
W. P. Mahan.....Jericho, N. Y.
Jos. Mills.....Lakewood, N. J.
Jas. Macmachan.....Tuxedo Park, N. Y.
David Miller.....Tuxedo Park, N. Y.
Geo. Morrison.....Baltimore, Md.
Donald McKenzie.....Chestnut Hill, Mass.
D. MacRorie.....San Francisco, Calif.
Samuel McClements.....Pittsburgh, Pa.
Geo. T. Moore.....St. Louis, Mo.
Samuel Murray.....Kansas City, Mo.
Harry Papworth.....New Orleans, La.
P. W. Popp.....Mamaroneck, N. Y.
Wm. Plumb.....Havana, Cuba.
W. J. Palmer.....Buffalo, N. Y.
Edw. Reagan.....Morristown, N. J.
Samuel Redstone.....Philadelphia, Pa.
Geo. A. Robinson.....Montreal, Canada.
Wm. L. Rock.....Kansas City, Mo.
Robt. Scott.....Buffalo, N. Y.
Chas. Sandiford.....Buffalo, N. Y.
Edw. Seery.....Paterson, N. J.
J. L. Smith.....Beachbluff, Mass.

Jas. Stuart.....Mamaroneck, N. Y.
E. Traendly.....New York.
E. P. Tracy.....Albany, N. Y.
Robt. Tyson.....Convent, N. J.
A. E. Thatchett.....Bar Harbor, Me.
Wm. Turner.....Mendham, N. J.
Jos. Tansy.....Tuxedo Park, N. Y.
Wm. Vert.....Port Washington, N. Y.
Chas. Vick.....Rochester, N. Y.
J. Verner.....Drexel Hill, Pa.
Ernest Wild.....Madison, N. J.
J. S. Wilson.....Des Moines, Iowa.
A. H. Wingett.....Lenox, Mass.
Theo. Wirth.....Minneapolis, Minn.
Henry Weston.....Hempstead, N. Y.
Robt. Walker.....Bridgeport, Conn.

Visitors.

The following trade visitors were noted during the early days of the show.
S. A. Anderson, Buffalo, N. Y.
Harry Andrew, Bristol, Conn.
F. W. Annitage, Elizabeth, N. J.
Ernest Ashley, Allentown, Pa.
Geo. Asmus, Chicago.
J. Badgley, New York.
Jas. Ballentyne, Ridgefield, Conn.
W. W. Barey, Washington, D. C.
Leonard Barron, New York.
J. J. Barry, Washington, D. C.
F. L. Bartels, Cleveland, O.
Herman H. Bartsch, Waverly, Mass.
Geo. Bate, Cleveland, O.
Herbert Bate, Cleveland, O.
Chas. L. Baum, Knoxville, Tenn.
Karl P. Baum, Knoxville, Tenn.
A. F. J. Baur, Indianapolis, Ind.
A. C. Beal, Ithaca, N. Y.
Irwin Bertermann, Indianapolis, Ind.
Z. D. Blackstone, Washington, D. C.
M. Bloy, Detroit, Mich.
Oscar Boehler, W. Hoboken, N. J.
Ben Roldt, Denver, Colo.
L. Jules Bourdet, St. Louis, Mo.
R. G. Bowersox, Lansdown, Pa.
E. Boylan, New York.
W. Branderbis, Holland, Mich.
C. F. Brehmer, Chillicothe, O.
Mrs. C. F. Brehmer, Chillicothe, O.
Philip Breitmeyer, Detroit, Mich.
D. A. Brown, Cincinnati, O.
F. C. N. Brown, Cleveland, O.
Herbert Brown, Richmond, Va.
Peter Brown, Lancaster, Pa.
E. Buettner, Chicago.
Geo. Burgen, Kingston, N. Y.
Fred Burki, Pittsburgh, Pa.
A. S. Burns, Jr., Spring Valley, N. Y.
A. Burton, Wyndmoor, Pa.
N. Butterboer, New Rochelle, N. Y.

J. T. Butterworth, South Framingham, Mass.
 Geo. E. Buxton, Nashua, N. H.
 Jas. A. Cartwright, Boston.
 Geo. F. Carlin, Syracuse, N. Y.
 John N. Champion, New Haven, Conn.
 Miss Clark, Ellsworth, Me.
 S. Clements, Pittsburgh, Pa.
 Geo. W. Cohen, New York.
 W. W. Coles, Kokomo, Ind.
 Henry R. Conley, Boston, Mass.
 Walter E. Cook, Cleveland, O.
 Geo. H. Cooke, Washington, D. C.
 Mrs. Geo. H. Cooke, Washington, D. C.
 Daniel Coughlin, Glen Cove, L. I., N. Y.
 Arthur Cowee, Berlin, N. Y.
 Wm. N. Craig, Brookline, Mass.
 Geo. Crissman, Punxsutawney, Pa.
 C. E. Critchell, Cincinnati, O.
 Geo. Cruickshank, Boston, Mass.
 Alex. Cummings, Jr., Cromwell, Conn.
 Eugene Daillouze, Brooklyn, N. Y.
 Mrs. Eugene Daillouze, Brooklyn, N. Y.
 Wm. Dawson, Northampton, Mass.
 D. W. Davis, Berwick, Pa.
 Mrs. D. W. Davis, Berwick, Pa.
 J. B. Deamud, New York.
 Frank Dean, Little Silver, N. J.
 Thos. B. De Forest, New York.
 J. De Groot, Chicago.
 A. T. De La Mare, New York.
 W. D. Desmond, Minneapolis, Minn.
 W. H. Duckham, Madison, N. J.
 H. B. Dörner, Urbana.
 Mrs. H. B. Dörner, Urbana.
 R. J. Dudley, Parkersburg, West Va.
 Jas. Duff, Washington, D. C.
 Peter Duff, Orange, N. J.
 Wm. Dugan, New Rochelle, N. Y.
 E. E. Dunlap, Boston, Mass.
 F. M. Dunlop, Toronto, Ont.
 J. Dunlop, Toronto, Ont.
 M. C. Ebel, Madison, N. J.
 J. Frank Edgar, Waverly, Mass.
 W. H. Eiss, Buffalo, N. Y.
 Henry Eicholz, Waynesboro, Pa.
 W. H. Elliott, Boston, Mass.
 Wm. H. Elverson, New Brighton, Pa.
 Ed. Enders, Chicago.
 Wm. H. Ernest, Washington, D. C.
 O. F. Ernst, Norwich, Conn.
 Mrs. O. F. Ernst, Norwich, Conn.
 Helen J. Esler, Saddle River, N. J.
 John G. Esler, Saddle River, N. J.
 Marie U. Esler, Saddle River, N. J.
 John A. Evans, Richmond, Ind.
 Geo. W. Evenden, Williamsport, Pa.
 John W. Everitt, Glen Cove, L. I., N. Y.
 Wm. Falconer, Pittsburgh, Pa.
 Chas. F. Feast, Baltimore, Md.
 Wm. Feast, Baltimore, Md.
 E. W. Fegen, Newark, N. J.
 Jos. S. Fenrich, New York.
 E. A. Fettes, Detroit, Mich.
 Duncan Finlayson, Brookline, Mass.
 Peter Fisher, Ellis, Mass.
 Samuel B. Fisher, Haverford, Pa.
 H. E. Fiske, Boston, Mass.
 Donald M. Fogg, New York.
 James Forbes, Portland, Ore.
 M. C. Ford, New York.
 J. R. Fotheringham, Tarrytown, N. Y.
 Geo. Foulsham, Lenox, Mass.
 F. W. Frechmann, Cleveland, O.
 Guy W. French, Chicago.
 Frank A. Friedley, Cleveland, O.
 Frank Fritze, Baltimore, Md.
 Oscar Fromemelt, Petz, Pa.
 Mrs. Oscar Fromemelt, Petz, Pa.
 Maurice Fuld, New York.
 W. H. Fulper, Flemington, N. J.
 J. G. Gammage, London, Ont.
 D. Geddis, St. Louis, Mo.
 Geo. M. Geraghty, Toronto, Ont.
 Ed. Gernary, Montreal, Que.
 Wm. R. Gibson, Macon, Ga.
 S. J. Goddard, Framingham, Mass.
 J. O. Graham, Little Falls, N. Y.
 Robt. Graham, Baltimore, Md.
 W. E. Gravett, Lancaster, O.
 Mrs. W. E. Gravett, Lancaster, O.
 R. W. Greene, Mortontown, N. J.
 Wm. F. Gude, Washington, D. C.
 C. T. Guenther, Hamburg, N. Y.
 J. L. Guerneau, Boston.
 D. G. Gullbortzer, Alexandria, Va.
 John Gutman, Washington, D. C.
 Mrs. John Gutman, Washington, D. C.
 A. J. Guttman, New York.
 Mrs. A. J. Guttman, New York.
 Mrs. Carl Hagenburger, Mentor, O.
 J. T. Hammarstrom, New York.
 Benj. Hammond, Beacon, N. Y.
 E. A. Harvey, Summit, Pa.
 E. Hayden, Kansas City, Mo.
 Newell J. Hayman, Clarksburg, West Va.
 Barbara R. Hellomshier, Columbus, O.
 Sara C. Hellenhut, Columbus, O.
 Myer Heller, New Castle, Ind.
 I. S. Hendrickson, Flowerfield, L. I., N. Y.
 Mrs. I. S. Hendrickson, Flowerfield, L. I., N. Y.
 Fred Henkis, Waterville, N. Y.
 A. M. Henshaw, New York.
 F. H. Henry, New York.
 A. M. Herr, Lancaster, Pa.
 Mrs. A. M. Herr, Lancaster, Pa.
 Daniel Herr, Lancaster, Pa.
 A. Heerington, Madison, N. J.
 Geo. W. Hess, Washington, D. C.
 J. J. Hess, Omaha, Neb.
 H. A. Higginson, Richmond, Va.

Jos. H. Hill, Richmond, Ind.
 Eber Holmes, South Orange, N. J.
 Edward W. Holt, New York.
 F. Holtzmgale, Detroit, Mich.
 Jas. D. Hooper, Richmond, Va.
 E. P. Hosetter, Manheim, Pa.
 J. Honck, Bloomfield, N. J.
 John F. Huss, Hartford, Conn.
 W. B. Howard, Chicago.
 W. D. Howard, Milford, Mass.
 R. A. Insuper, College Park, Md.
 Roman J. Irwin, New York.
 Richard Jardner, Newport, R. I.
 R. S. Jenkins, Anacostia, D. C.
 John F. Johnston, Glen Cove, L. I., N. Y.
 Wm. J. Johnston, Baltimore, Md.
 R. Jones, Richmond, Ind.
 A. Kakuda, New York.
 M. Karjanski, Buffalo, N. Y.
 R. Karlstrom, Cromwell, Conn.
 Wm. Kasting, Buffalo, N. Y.
 Wm. L. Kasting, Buffalo, N. Y.
 F. E. Kegis, New York.
 W. J. Keimel, Elmhurst, Ill.
 J. M. Keller, Rochester, N. Y.
 I. O. Kemble, Marshalltown, Ia.
 Mrs. I. O. Kemble, Marshalltown, Ia.
 John A. Kennedy, Red Bank, N. J.
 Donald M. Kenzie, Boston, Mass.
 R. C. Kerr, Houston, Tex.
 Wm. Kessler, New York.
 W. M. King, Washington, D. C.
 T. J. Kirchner, Cleveland, O.
 W. A. Kirchner, Cleveland, O.
 Wm. Kleinheinz, Ogontz, Pa.
 H. Kleinstaub, Louisville, Ky.
 C. B. Knickman, New York.
 C. W. Knight, Oakdale, L. I., N. Y.
 Thos. Knight, New York.
 H. P. Knoble, Cleveland, O.
 Mrs. H. P. Knoble, Cleveland, O.
 Fred Kocher, Jr., Pittsburgh, Pa.
 Otto G. Koenig, St. Louis, Mo.
 F. H. Kramer, Washington, D. C.
 Edward Kress, Baltimore, Md.
 E. W. Krom, Jr., Allentown, Pa.
 E. P. Kuroski, Chicago.
 A. Lange, Chicago.
 Mrs. A. Lange, Chicago.
 P. Langhans, Pittsburgh, Pa.
 J. H. Langjahr, New York.
 F. Lautenschlager, Chicago.
 K. H. Leevat, Lisse, Holland.
 Fred H. Lemon, Richmond, Ind.
 W. E. Leuk, Halifax, Mass.
 Wm. Lemmer, Bernardsville, N. J.
 Harry B. Lewis, Washington, D. C.
 Robert Livingston, Columbus, O.
 R. G. Longus, West Chester, Pa.
 A. J. Loveless, Lenox, Mass.
 J. W. Ludwig, Pittsburgh, Pa.
 W. B. Lunn, Leola, Pa.
 Mrs. W. B. Lunn, Leola, Pa.
 S. R. Lundy, Denver, Colo.
 Robt. E. Lyson, Convent Station, N. J.
 H. L. McCabe, Washington, D. C.
 M. J. McCabe, Washington, D. C.
 E. J. McCallum, Pittsburgh, Pa.
 Julia C. McCarron, Lynchburg, Va.
 J. P. McCarthy, Boston, Mass.
 Jas. C. McHutchison, New York.
 Robt. McLannan, Washington, D. C.
 D. MacRorie, San Francisco, Calif.
 W. A. Manda, South Orange, N. J.
 Wm. Mann, Louisville, Ky.
 Harry O. May, Summit, N. J.
 Fred H. Meinhardt, St. Louis, Mo.
 Mrs. F. H. Meinhardt, St. Louis.
 Chas. F. Meyer, New York.
 J. Miesem, Elmhurst, L. I., N. Y.
 A. L. Miller, Jamaica, N. Y.
 F. H. Miller, Toronto, Ont.
 Robt. Montgomery, Natick, Mass.
 Frank L. Morris, Bloomington.
 Geo. Morrison, Baltimore, Md.
 W. E. Morse, Lowell, Mass.
 Stephen Mortensen, Southampton, Pa.
 F. L. Mulford, Washington, D. C.
 J. A. Muller, Rutherford, N. J.
 B. K. Murphy, Lancaster, Pa.
 Frank Murray, Boston, Mass.
 Peter Murray, Fairhaven, Mass.
 Samuel Murray, Kansas City, Mo.
 Frank P. Myers, Detroit, Mich.
 Wm. G. Naumann, Cleveland, O.
 Arno H. Nehrling, Amherst, Mass.
 Robert Newcomb, Chicago.
 W. R. Nicholson, Framingham, Mass.
 Mrs. W. R. Nicholson, Framingham, Mass.
 Jas. A. Nuth, Raseburg, Md.
 W. J. Palmer, Buffalo, N. Y.
 L. K. Peacock, Berlin, N. J.
 E. Allan Peizer, Waltham, Mass.
 A. A. Pembroke, Beverly, Mass.
 H. B. Pennypacker, Phoenixville, Pa.
 J. H. Pepper, New York.
 John J. Perry, Baltimore, Md.
 J. A. Peterson, Cincinnati, O.
 W. Z. Pevel, Snow Hill, Md.
 E. W. Pierce, Baltimore, Md.
 Wallace R. Pierson, Cromwell, Conn.
 A. N. Pierson, Cromwell, Conn.
 Ralph F. Pinner, Pittsburgh, Pa.
 Adolph H. Poehlmann, Morton Grove.
 August F. Poehlmann, Morton Grove.
 Earl Poehlmann, Morton Grove.
 Miss Vera Poehlmann, Chicago.
 P. W. Popp, Mamaroneck, N. Y.
 John Pritchard, Bedford Hills, N. Y.
 Robert Pyle, West Grove, Pa.
 Henry Rahaley, Detroit, Mich.
 A. Rasmussen, New Castle, Ind.

Mrs. A. Rasmussen, New Castle, Ind.
 G. M. Reburn, Chicago.
 Frank Reed, Washington, D. C.
 Emil Reichling, Chicago.
 E. C. Reineman, Pittsburgh, Pa.
 Louis J. Reuter, Westerly, R. I.
 E. Richards, Greenfield, Mass.
 W. C. Richards, Jr., New York.
 A. J. Richards, New York.
 W. H. Ritter, Fitchburg, Mass.
 Jesse Robbins, Carlisle, Pa.
 W. L. Rock, Kansas City, Mo.
 Mrs. W. L. Rock, Kansas City, Mo.
 Carl L. Roethke, Saginaw, Mich.
 Harry K. Rohrer, Lancaster, Pa.
 J. E. Rolker, New York.
 Angelo J. Rossi, San Francisco, Calif.
 Thos. Rowland, Nahant, Mass.
 W. N. Rudd, Chicago.
 Mrs. W. N. Rudd, Chicago.
 Wm. C. Rust, Brookline, Mass.
 N. C. Sabfus, Poughkeepsie, N. Y.
 J. J. Salmon, Akron, O.
 Mrs. J. J. Salmon, Akron, O.
 F. N. Sanson, Boston, Mass.
 C. Schillborn, Washington, D. C.
 Max Schling, New York.
 Emil Schloss, New York.
 Chas. Schoenhut, Buffalo, N. Y.
 F. O. Schultheis, Scranton, Pa.
 C. Schulthornad, Washington, D. C.
 Chas. Schwake, New York.
 Mrs. Chas. Schwake, New York.
 Edward Seceery, Paterson, N. J.
 C. W. Scott, New York.
 D. J. Scott, Corfu, N. Y.
 Mrs. John Scott, Brooklyn, N. Y.
 J. G. Sealey, New York.
 J. P. Sechrist, Trenton, N. J.
 Jasper R. Seins, New York.
 F. E. Selkregg, North East, Pa.
 Chas. L. Seybold, Wilkesbarre, Pa.
 W. J. Sealey, Fort Chester, N. Y.
 Geo. C. Shaffer, Washington, D. C.
 Jas. B. Shea, Boston, Mass.
 J. Elmon Sheldan, Washington, D. C.
 Henry W. Sheppard, Cincinnati, O.
 C. Shillhorn, Washington, D. C.
 John F. Sibson, Wyomissing, Pa.
 W. W. Sievers, Buffalo, N. Y.
 Wm. Sim, Cliftondale, Mass.
 Sam Simmonds, Washington, D. C.
 Robt. Simpson, Clifton, N. J.
 Wm. E. Simon, Wilmington, Del.
 C. J. Slourunc, Boston.
 A. W. Smith, Jr., Pittsburgh, Pa.
 Patrick J. Smith, New York.
 S. Gerard Smith, Boston, Mass.
 Wm. J. Smyth, Chicago.
 Mrs. Wm. J. Smyth, Chicago.
 W. A. Sperling, New York.
 Geo. W. Stau, Wilson, N. Y.
 Frank Steinbach, Richmond, Va.
 Geo. L. Stillman, New York.
 Mrs. Stoket, Washington, D. C.
 J. Streit, Detroit, Mich.
 Chas. S. Stroud, Biddeford, Me.
 Mrs. Chas. S. Stroud, Biddeford, Me.
 James Stuart, Mamaroneck, N. Y.
 Wm. J. Stuart, Boston, Mass.
 Charles Stubb, Augusta, Ga.
 Wm. Swayne, Kennett Square, Pa.
 Byron Thomas, Quakertown, Pa.
 J. Thomas, Uniontown, N. Y.
 Jos. Thomas, Greensburg, Pa.
 S. J. Townes, Washington, D. C.
 S. Townes, Washington, D. C.
 B. Hammond Tracy, Wenham, Mass.
 Thos. P. Tracey, Albany, N. Y.
 Frank H. Traendly, New York.
 Mrs. F. H. Traendly, New York.
 Jos. Traudt, Canajoharie, N. Y.
 L. W. C. Tutbill, New York.
 John Vandermeij, Lisse, Holland.
 J. C. Vaughan, Chicago.
 E. W. Veneca, New Salem, Mass.
 Chas. H. Vick, Rochester, N. Y.
 Mrs. Annie Vincent, White Marsh, Md.
 John S. Vincent, White Marsh, Md.
 Richard Vincent, Jr., White Marsh, Md.
 Chas. Vorkeller, South Bethlehem, Pa.
 Geo. R. Waite, Rochester, N. Y.
 Geo. W. Waite, Jersey City, N. J.
 G. V. Wakelin, Quinton, N. J.
 Robt. Walker, Bridgeport, Conn.
 M. H. Walsh, Woods Hole, Mass.
 Sydney B. Wanham, New York.
 C. Warbur, Folken, Mass.
 R. M. Ward, New York.
 Herman Warendorf, New York.
 W. C. Warner, Sewell, N. J.
 Fred C. Weber, Jr., St. Louis, Mo.
 J. B. Weise, Buffalo, N. Y.
 A. W. Welch, Hartford, Conn.
 F. Welch, Boston, Mass.
 Henry Weston, Hempstead, N. Y.
 Mrs. Henry Weston, Hempstead, N. Y.
 E. A. White, Ithaca, N. Y.
 Miss H. B. Whitted, Minneapolis, Minn.
 E. I. Wildo, State College, Pa.
 R. Witterstaetter, Cincinnati, O.
 Ernest E. Wild, Madison, N. J.
 J. W. Wilson, New York.
 Theo. Wirth, Minneapolis, Minn.
 Henry Witt, Washington, D. C.
 Mrs. Henry Witt, Washington, D. C.
 E. S. Wood, Washington, D. C.
 John E. Yeats, Channahon.
 C. C. Yost, Lebanon, Pa.
 John Young, New York.
 Anton Zvolarek, Lompoc, Calif.



W. F. Therkildson.
Chairman Publicity Committee.



Robert Craig.
Chairman At Large Committee.



J. O. Thilow.
Chairman Lectures Committee.



Joseph H. Hill.
President American Carnation Society.



Leo Niessen.
Chairman Music Committee.



S. S. Pennock.
Chairman Printing Committee.



Wm. Kleinheinz.
Chairman Exhibits Committee.



E. J. Fancourt.
Chairman Trade Tickets Committee.



Irwin Bertermann.
President Florists' Telegraph Delivery.

SOME PROMINENT MEN IDENTIFIED WITH THE FOURTH NATIONAL FLOWER SHOW, PHILADELPHIA, MARCH 25-APRIL 2, 1916.

American Rose Society.

The seventeenth annual meeting of the American Rose Society was called to order by President S. S. Pennock in Convention hall, Philadelphia, Pa., on Monday evening, March 27, at 8 p. m. Some 50 members, nearly all leading lights of the craft, were in attendance, and made the meeting one of the most noteworthy in the annals of the organization. After the reading of the president's address, which was an excellent paper containing valuable suggestions, Secretary Benjamin Hammond read his report, which showed the society to be in a flourishing condition with increasing membership, a great gain since meeting in Philadelphia 12 years ago. He recommended measures to increase amateur membership. Treasurer H. O. May reported an increase in funds since last year, showing the society to be going ahead.

The question of standardizing the names of sizes of cut roses handled commercially in the various wholesale markets of the country was taken up and created much discussion. A committee had reported in favor of the following lengths to be used in connection with such words as now are in use in some markets: Tea roses—Extra special, 30 inches or over; specials, 24 inches; fancy, 18 inches; extras, 14 inches; firsts, 10 inches; seconds, all shorter sizes. For American Beauties—Specials, 36 inches or over; fancy, 30 inches; extra, 24 inches; firsts, 18 inches; seconds, 12 inches and shorts. Wm. Elliott thought the plan adopted by the society six years ago, calling the lengths by their actual measurement, which plan had been adopted in Boston and found to work very satisfactorily, was good enough. Grades were placed three inches apart, from six inches to 24 inches and longer, and there was never any doubt as to the roses wanted. The matter was referred back to committee for further action. A schedule of points for judging outdoor roses for amateurs was also discussed, and finally referred to the executive committee to revise in conjunction with those who had taken up the work. Prof. Beal said a schedule of points had to be tried in the field to prove its efficiency. Prof. Mulford condemned the practice of changing the raiser's or introducer's name to a rose, except for a very good cause, as when names that were only slightly different. Robert Pyle thought the time would soon be here when the society would publish an official list, which would be recognized throughout the country.

President S. S. Pennock was re-elected for another year, as was Vice-President L. J. Reuter, which action was followed by the re-election of Secretary Benjamin Hammond and Treasurer H. O. May. Admiral Aaron Ward, E. Allen Peirce and Robert Pyle were elected to the executive board for one year. The board number, it was recommended, should be increased to nine, three to retire each year.

Admiral Ward made a strong address advocating respect for labor and that no man could call a garden his own unless much of the work was done by his own hands. Invitations to visit the rose gardens of Washington and Cornell, in their best season, were extended, and the executive committee were directed to select non-conflicting dates for visits to the various rose centers during the season. Wallace Pierson referred to the rose annual and the great possibilities and assistance this book offered to the amateur in caring for the rose. He praised the work of C. Horace McFarland, who had been such a factor in its preparation, and the work he had promised for the next two years. He proposed him for an honorary mem-

ber of the society, which was adopted by a standing vote.

The society voted a gold medal to H. A. Dreer, Inc., for their magnificent garden display of hybrid tea roses. The next meeting place was left in the hands of the executive committee.

Monday was "Rose day" at the National Flower Show, and a truly wonderful display was made under the auspices of the national society. There were over 225 vases in all, containing from one dozen to 100 in each, most of the entries calling for from 25 to 50 flowers, and quite a number of 100 each, as in the case of the American Beauties. The quality of the various entries was superb. Never before was such general excellence seen. Quite a number of the entries came from a distance. French & Salm, Union Grove, Wis., sent 100 Mrs. Chas. Russell that captured the first prize. J. H. Dunlop, Toronto, Ont., had 500 of his best flowers, which were very fine. The Waban Rose Conservatories, Natick, Mass., sent several vases of fine stock. F. R. Pierson Co., Tarrytown, N. Y., and A. N. Pierson, Inc., Cromwell, Conn., were also large exhibitors. Gude Brothers Co., Washington, D. C., had several entries. Several entries came from the Madison district in New Jersey. L. Noe and Robert Simpson sent their best, while the Hadley roses from A. S. Burns, Jr., Spring Valley, N. Y., were wonderful. The local growers turned out loyally. The Jos.

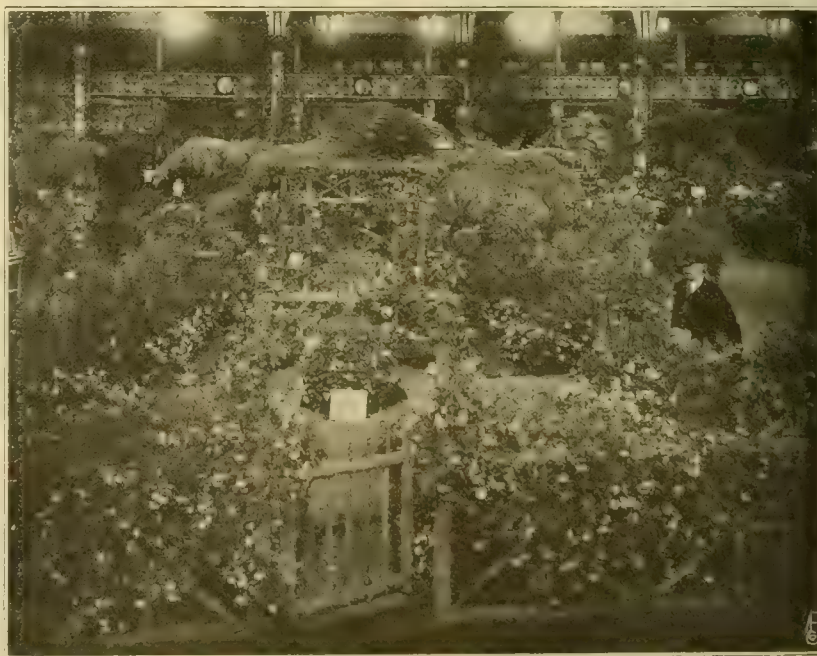
placed in the center sections, and made a splendid showing.

SECRETARY HAMMOND'S REPORT.

This is the seventeenth annual meeting of the American Rose Society. It is 12 years ago since this society held an annual meeting in the city of Philadelphia, and in the years which have elapsed since then the development of the American Rose Society as evinced at this time by the exhibition in this convention hall is wonderful. Since our last visit to this city the society has been in Boston four times, Washington, D. C., Chicago, Buffalo and Detroit once and New York three times.

Our membership varies from year to year. The past year, 1915, we had the pleasure to add another life member, Richard Witterstaetter. The life memberships help us in building up our permanent fund, which now reaches the sum of \$3,200.00. Our annual members, who have paid up for the year, at this date are 179, of which number 47 are associate members.

The test rose gardens which began in Hartford, Conn., and now embrace a garden at Washington, D. C., Cornell at Ithaca, N. Y., and at Minneapolis, Minn., are watched over with special committees appointed by the American Rose Society and certainly have awakened much practical interest. The bushes to be tested are furnished gratis by rose growers. Two lots were sent from Europe, one from



A. N. PIERSON'S ROSE GARDEN AT THE NATIONAL FLOWER SHOW.

Heacock Co., Geo. Burton, Stephen Masterson, Edward Towell, J. W. Young, Robt. Scott & Son, James Verner and others made entries in many classes, and captured the lion's share of the prizes. Such Hadleys and Killarney Brilliants had never been seen before. Hadley, Killarney Brilliant, White Killarney, Ophelia and Shawyer were the most popular. Sunburst, Mrs. Ward, Killarney, Mock, Francis Scott Key, Milady, Lady Hillingdon and Lady Alice Stanley were all entered. Most of the vases were arranged on the step stage in the extreme end of the hall, near the band. They were too crowded, but it was the best the committee could do. The large vases of American Beauties, containing 50 and 100 blooms, were

Kallen & Lunnemann, Boskoop, Holland, embracing 29 varieties, 168 plants. These all went to Cornell rose garden at Ithaca, N. Y. Hugh Dickson, Ltd., Royal Nurseries, Belfast, Ireland, sent 10 each of four varieties. These are for competition in the test gardens and were divided, half going to Hartford, Conn., and half to the Washington gardens. The detail of the results in these rose gardens is presented in the rose annual together with the awards made. Municipal rose gardens are being pushed in England as things of popular beauty. Under date of January 23, 1916, a letter from Waratah, Eng., came to the secretary, saying: "You people are far more progressive in America as regards municipal rose gardens than we

are over here, and should be gratified if you could send me details of any public rose gardens established in America." This writer is an amateur and holds the championship both for exhibition roses and decoratives in England. Our amateur societies are looking to the American Rose Society for information and recognition. The affiliation membership rate was first placed at 10 cents each, but this sum was not sufficient and has been changed by the executive committee to 25 cents for each member. There is a lack of supporting members of the American Rose Society among growers of outdoor roses; at every show we hold there is more or less expense, and the support of the society has hitherto been mainly from the cut flower producers.

The broadening of the membership of this society involves a great deal of detail work, and one piece of work that has at last come to pass is the printing in first class style of the annual report of organization work of the society in book form, with various essays complimentary thereto. This work of publication involves a greater amount of outgo than hitherto the revenue of this society warranted, but J. Horace McFarland assumed the work and risk of cost attending the same, and for this service we are certainly indebted to him. The proportion directly paid for this work by the society was \$200 and customary postage. Beyond this the cost has been assumed by the publishers.

For this spring's exhibition the number and value of special prizes contributed by individuals has not before been equaled. All this is clear evidence that our society is full of vigor and the gathering together of citizens of our common country in associated work which tends to bring beauty to the homes of all the people is to be highly commended.

"A rose for every home, a bush for every garden" is emblematic of peace and beauty from ocean to ocean.

TREASURER MAY'S REPORT.

Receipts	\$2,501.20
Disbursements	\$1,453.28
Cash in bank.....	1,047.92
	\$2,501.20
Investment Account	
Westchester & Bronx Title & Mortgage Guaranty Co.,	
three mortgage certificates.	\$3,000.00
Summit Trust Co.—	
Permanent Fund.....	200.00
Hubbard Medal Fund.....	250.00

The Late George E. Tromey.

George E. Tromey, the well known and popular Cincinnati retail florist, died at his home in that city, March 25. A cold of only a few days' duration, followed by pneumonia, was the immediate cause of his death. His early years in the florist business were spent with Fred Gear. Several years ago he embarked in business for himself and soon built up a large and lucrative trade. As a member of many lodges and organizations, as well as the Cincinnati Florists' Society, he became very well known. The funeral services were conducted by the Elks, March 28. A widow and two children survive him.

H.

DALLAS, TEX.—The rainfall of March 24 broke a 52-day drought here.

OAKLAND, CALIF.—A wholesale florist establishment has been opened at 335 Twelfth street by V. Azarou.

CROWN POINT, IND.—Alois Frey, who has been in California inspecting the crop of his famous colored freesias, returned March 27.

Changing Names of Roses.

In THE AMERICAN FLORIST of December 25, 1915, page 1218, there appeared a communication of The Florex Gardens, North Wales, Pa., regarding Rose Prima Donna, and the statements contained therein impress the writer as being straightforward and rational. When they say that "the French name, Madame Euler, would have been contorted in all sorts of ways," they are quite right, and a facetious person might add, that the Frenchmen do wonderful things to some of our names. If, for the sake of euphony, names are to be changed, it would seem to be a better way to bring the matter before the American Rose Society or the Society of American Florists. Since The Florex Gardens mention it, who was it that changed the name of Prince de Bulgaria to Mrs. Taft and who put the stamp of approval on the change?

The case of American Beauty is different from some others. While George Bancroft was a rose fancier, he was not growing roses for profit. He was a statesman and a historian, and like many other men, he found relaxation in his roses. In John Brady, his gardener, we have a care-free, happy-go-lucky man, amiable in his way, but not given to the study of momentous questions. Like many private gardeners, he was given large latitude, and if he did not recognize the worth of Mme. Jamain, the Fields, who did, are certainly entitled to the credit of rescuing this wonderful rose, our American Beauty, from obscurity.

But changing the names of roses is not a new practice. It seems to have been more common 50 and 60 years ago than it is now—but that was before the New York Florists' Club was organized. The rose Charles Lefebvre, (LaCharme, 1861) was also known as Marguerite Brassac and Paul Jamain.

A. F. F.

Boston:

BUSINESS SLACKENS.

During the past week trade fell off considerably. There is not a heavy supply of flowers in general, but the market seems to lack activity. Roses do not sell as they should and prices have dropped, short grades selling as low as \$1 per 100, although many command a better price, \$12.50 per 100 seeming to be the highest, and this is obtainable only on Ophelia, Russell and Hadley. Carnations move slowly, \$2.50 per 100 being the market price on good flowers. Bulbous stock continues about the same in price, although the supply has decreased. Sweet peas now are one of the mainstays of the market, and there are large quantities of them used daily. The prices vary from 50 cents to \$1.50 per 100 on good flowers, although many inferior lots are sold for practically any price obtainable. Yellow marguerites are arriving in larger quantities, but do not sell as well as they generally do, as there are too many jonquils and primroses to be had at lower prices. Violets are in normal supply and sell fairly well at 50 cents per 100. Snapdragon is selling very good and there is a fair supply. The silver pink varieties seem to be the most popular, although there is good call for white. Lily of the valley moves very slowly and prices have to be cut to an extremely small margin of profit to the grower. Cut Easter lilies are in good supply at eight and 10 cents per flower.

NOTES.

The florists' bowling league held its banquet Thursday, March 23, at The Georgian hotel. Julius Zinn was toastmaster. There was a very good entertainment, some of the talent be-

ing furnished by members of the league, among whom were John Lynch, Nathan Lerner and E. Mahoney. Wm. H. Elliot awarded the prizes to the winners. A very enjoyable evening was spent and preparations are already under way for next year's league, which it is hoped will be larger than this season's.

Thomas Roland, of Nahant, Mass., is cutting a fine lot of roses at present. His Ophelia are especially worthy of note. He also has some very good sweet peas, which are nearly the last of the crop. He will have a fine lot of plants for Easter, his rambler roses and acacias being of extra good quality.

Neal Boyle, of Malden, Mass., has one of the finest lots of Easter lilies this season that he ever produced. He has 10,000 pots, each of which has five to 10 flowers in sight. His roses are doing nicely and he is cutting a fine line of Killarneys at present.

Max Trockman, buyer for H. M. Robinson & Co., was married Sunday, March 26, to Miss Alice G. Schaeffer, at the home of the bride's parents at Revere. He is now spending his honeymoon at Philadelphia and Washington.

W. W. Rawson, the well-known Arlington produce grower, is contemplating turning his establishment over to the production of carnations. He expects to plant 50,000 plants.

James Delay, formerly proprietor of a retail store on Beacon street, and later at Dorchester, has filed a petition of bankruptcy. His liabilities are \$1,300, with no assets.

F. L. W.

PEKIN, ILL.—George A. Kuhl and wife are making a California tour.

PUEBLO, COLO.—A range of houses is being erected here by F. W. Jahn.

BEMIDJI, MINN.—The Bemidji Floral Co. is adding one house to its range.

LAPORTE, IND.—C. A. Wuellner has opened a flower shop at 412 John street.

LADYSMITH, WIS.—S. E. Smith, Jr., will build an up-to-date range of green-houses here.

CATONSVILLE, MD.—Henry Seidelich will erect two houses each 21x92 feet, table growing.

MILFORD, MASS.—H. W. Austin will erect one new house, King construction, 40x200 feet.

KIRKWOOD, MO.—W. A. Rowe is planning two new houses which will be devoted to roses.

COLUMBIA, PA.—Two houses will be added to the range of J. E. Doerer on Cedar street.

EVERETT, WASH.—Richard Iverson has been appointed superintendent of parks in this city.

ROCKLAND, ME.—Geo. W. Glaentzel has opened a flower shop in the Odd Fellows' building.

TOLEDO, O.—A flower store will be opened at 615 Madison avenue in the near future by Jacob and Josephine Helmer.

HOUSTON, TEX.—The R. C. Kerr Floral Co. will enlarge its retail establishment at Main street and McKinney avenue.

NEWPORT, R. I.—Henry J. Hass has sold his flower shop at 196 Thames street to his son, Edward R. Hass, and will devote all of his time to vege-

LINCOLN, ILL.—C. G. Anderson, recently manager of the Minneapolis Floral Co., Minneapolis, Minn., has taken a position with W. H. Gullett & Sons.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ON account of the late date of Easter, the general line of Dutch bulbous stock will be well sold out before the festival.

WE have received the second number of the Bulletin of The American Dahlia Society from the secretary, J. Harrison Dick, 1426 Seventy-third street, Brooklyn, N. Y.

THE attendance at the National Flower Show, which opened at Philadelphia, Pa., March 25, is described as wonderful, Monday's paid admissions being reported as reaching the \$10,000 mark.

MARSHALL FIELD & Co., the well known department store concern, have had a violent attack of burbankophobia, taking full page in a Chicago newspaper of March 27 to offer expensive books exploiting burbanked flowers and plants.

O. J. OLSON, of Holm & Olson, St. Paul, Minn., who expected to attend the National Flower Show at Philadelphia, Pa., cancelled his reservation from Chicago early last week on account of illness. Mr. Olson is now at St. Luke's hospital in that city and the doctors expect to operate March 29.

THE Alumni Number of the Missouri Botanical Garden bulletin, just out, is an exceptionally interesting issue, containing much matter of interest to the graduates of that institution, and is highly creditable to the literary ability of Arthur R. Gross, secretary of the organization, who prepared the material for this number.

Teachers of Floriculture.

A meeting of the men engaged in teaching horticulture and floriculture at the leading universities was held at the Walton hotel, Philadelphia, Pa., March 28, when a permanent organization was formed and named the College Florists' Section of the Society of American Florists. Those present included Professors Dornier of Illinois, Nehrling and Thurston of Massachusetts, Ineson of Maryland, Wild of Pennsylvania, Beal and White of Ithaca, N. Y., Richard Vincent, Jr., White Marsh, Md., and W. N. Rudd, Chicago.

Telegraph Delivery by Western Union.

The Western Union Co. announced March 28, that on and after April 1, it will execute commissions for its patrons and will deliver flowers, candy, books and the like in any town or city where it has an office. There is no need for the sender to know a florist or confectioner or bookseller, just hand the Western Union the price and it will make the purchase and deliver the goods for a small fee. Where desired the company will place the order with such florist or other merchant as may be designated by the sender. This is an extension of the company's money transfer service.

Spring Earlier in the City.

A city woman with a tender conscience was visiting in the country in June. She confided to a friend that as fast as the fresh fruits and vegetables came, her hosts skimped their own share in order that she, who was supposed never to have a chance to enjoy such things, might have her fill. The truth was, she had had her fill of everything from rhubarb to strawberries between the last of February and the beginning of April, and she was much puzzled whether to accept their sacrifice or disappoint them by telling the truth.

The hothouse has stolen a long march on the season, the Boston Globe observes. To walk through the market at certain times of the year would be to suppose that the year was anywhere from one to three months ahead of itself. The result is that while country folks are pitying city folks for having to wait so much longer for the spring to arrive in the big towns, the fact is that the big towns have begun to celebrate the advent of that season long before, in the market, in the seed stores, in the florists' shops (where, as a matter of scientific record, the spring flowers first bloom), and, though last but not least—in the windows of the haberdashers.

New York Flower Show.

APRIL 5-12, 1916.

Entries for the New York flower show are coming in very nicely, and there is little doubt but that it will eclipse its predecessors in every way. The space available for trade exhibits has been freely reserved, and late comers will be lucky if they are able to find quarters. The final schedule has been distributed, and anyone interested who has not received a copy can be supplied on application to the secretary, John Young, 53 West 28th street, New York.

Dreer's Gold Medal Roses.

Henry A. Dreer, Inc., Philadelphia, Pa., have been awarded two gold medals for their exhibit of hybrid tea roses at the Fourth National Flower Show, held in that city March 25 to April 2, one awarded by the American Rose Society and one by the National Flower Show. The judges accompanied their award by the following commendation: "In awarding the gold medal for the exhibit of roses by Henry A. Dreer, Inc., the judges feel that a special word of commendation should accompany the award. Never before at any flower show in the United States has such a result been achieved. The patience and interest required to accomplish this result is worthy of our sincerest appreciation. The exhibit as arranged deserves the approval of the most artistic and will surely be a factor in making the Philadelphia show a success."

Gardens Planned By Government.

It having been determined that the average pupil, participating in the care of a community garden, does not develop the same degree of responsibility, and the interest and pride shown in a garden of his own, together with the fact that the limited area usually available for school garden work makes it imperative that tall-growing, broad-leaved and climbing plants be excluded, have caused the United States department of agriculture to plan two specimen individual gardens. The gardens are each 5x16½ feet, one being for vegetables only, the other for both vegetables and flowers. In the vegetable garden, radishes, lettuce, beans, beets, tomatoes and other compact plants are recommended, while in the combination flower and vegetable garden, tomatoes are eliminated, and flowering plants, such as ageratum, nasturtium, petunia, California poppy and zinnia are recommended. The methods of planting and cultivating the vegetables, together with cultural instructions for the flowering plants, are described in Farmers' Bulletin 218, which will be sent upon request to the United States Department of Agriculture, Washington, D. C.

Canna Firebird Awarded Gold Medal.

Vaughan's Seed Store, Chicago and New York, has been awarded the gold medal of the Panama-California exposition at San Diego for its new Canna Firebird, which made a fine showing there the past season.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—As assistant on private place, 12 years' experience, good references, English. Address Key 626, care American Florist.

Situation Wanted—Man thoroughly experienced and capable of taking charge of a private or commercial place. Address Key 619, care American Florist.

Situation Wanted—Well educated young lady wants an apprenticeship, with room and board, with florist, where she can learn designing. M. CARTMILL, 1327 Clark St., Stevens Point, Wis.

Situation Wanted—All around man. Experience in both private and commercial place. Single. Can come well recommended. Ready to start at once. JOHN PLEY, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address Key 622, care American Florist.

Situation Wanted—By practical gardener as head man life experience in all branches of gardening; thoroughly understands the growing of all greenhouse plants, cut flowers, fruits and vegetables, lawns and flower gardens. Age 35, married; private place preferred. E. ADAMS, No. 41 South St., Niagara Falls, Ont.

Help Wanted—Experienced girl to act as cashier and wait on trade in retail flower store. GEO PERDIKAS, 407 S. Wabash Ave., Chicago.

Help Wanted—Experienced gardener for good position. Single man preferred. OAK HILL CEMETERY ASSOCIATION, Lebanon, Ind.

Help Wanted—Good grower of general stock for retail trade. Single. Wages, \$30.00 per month with room and board. ALTON FLORAL CO., Alton, Ill.

Help Wanted—Reliable married working man, having a little experience, for routine work in greenhouse and garden. LEVANT COLE, Battle Creek, Mich.

Help Wanted—Several experienced men wanted in our chain of stores. Steady positions. Apply at once. JOSEPH TREPPEL, 334 Lewis Ave., Brooklyn, N. Y.

Help Wanted—An experienced young man for nursery and greenhouse work. Wages, \$15.00 per week. Give references. H. G. W., 312 W. Chestnut St., Louisville, Ky.

Help Wanted—Young man as general assistant in commercial greenhouse establishment. State age, experience and wages. Address Key 625, care American Florist.

Help Wanted—Experienced florist to take charge of greenhouses and grounds, private sanitarium. Single man preferred. Married man, no children, considered if wife willing to accept employment. THE OXFORD RETREAT, Oxford, Ohio.

For Sale—Open delivery wagon. Good bargain. PAUL BLOME & CO., 1361 N. Clark St., Chicago.

Big Bargain—If you want an 84 ft. corner with over 4000 feet of new glass, stocked, and a six room cottage right in Chicago for \$5,600 (that is the bottom price) call any Saturday afternoon, Sunday, or evening or write to owner, T. GRABOWSKI, 4523 W. Addison St., near Milwaukee Ave.

Capital Wanted

Young man thoroughly experienced in Retail Florist business is desirous of securing a partner with several thousand dollars to open a store in the Chicago loop. For further particulars, address Key 621, care American Florist.

HELP WANTED

Head Gardener

Write to CIVIL SERVICE BUREAU, Court House, St. Paul, Minn., for information regarding the examination to be held April 21. The examination will be unasssembled and may be written by the applicant at his home.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address Key 627, care American Florist.

Wanted to Lease

Going commercial greenhouse establishment within 50 miles of Chicago. Give full particulars in first letter. Address Key 622, care American Florist.

For Sale—On account of age and death in family, I offer for sale my greenhouse property and business which I started 35 years ago. It is located in a prosperous city in Indiana; present population 75,000 and growing rapidly. All the surrounding territory is thickly populated, with several nearby towns of from 5,000 to 15,000, connected by interurban, in which I have a great number of customers. The business is well established, the real estate very desirable, and all improvements in first class conditions. The property consists of real estate with a frontage of 158 feet on a modern paved street with street car line. It extends back 275 feet and also has a frontage of 146 feet on a fine residence street at the back. The improvements consist of a new modern cottage with gas, electric lights, bath and sewerage connections; three greenhouses, each 23x100 feet, heated by hot water; office, barn, large packing shed and warehouse, and a modern, new well equipped boiler-room. The greenhouses are well stocked with carnations and bedding plants. This is a fine opportunity and must be seen to be appreciated. Write me for full particulars. Address Key 624, care American Florist.

WANTED

100,000 Feet Of Glass

near Chicago, planted with cut flowers. State full particulars in first letter. Key 610, care American Florist.

WHOLESALE WANTS TO RENT

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business. Key 607, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 30,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address Key 612, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

President MacRorie's Trip to Philadelphia.

On his way to the Philadelphia National Flower Show and the east, President Daniel MacRorie made a stop at some of the larger cities enroute, in all of which he was warmly received and shown every courtesy. He received the most encouraging assurance from all florists that he met, especially in the southern cities, that they would attend the Houston convention, and prospects for that meeting are fine.

President MacRorie left Burlingame, Calif., Wednesday night, March 15, and arrived in Houston, Tex., at 10 o'clock the following Saturday morning. He was entertained there that day, saw the Convention garden, and left for New Orleans that night, where he arrived Sunday morning, March 19. He was met by eight or ten of the leading florists in New Orleans, who gave him a dinner in one of their noted old French restaurants and everybody had a jolly time. From New Orleans he went to Nashville, where, among others, he met his old friend, Joy, and three generations of the Joy family. He was in Nashville the time of the big fire, and described to your correspondent vividly the freaks of the conflagration, which was driven by a wind of such velocity that a sheet of flame when it struck a house would apparently go almost instantaneously through the house and be seen bursting out on the other side. A residential district three miles long was burned and only the river stopped the fire. The Nashville florists proved themselves equal to the occasion and were active in rescue work.

President MacRorie spent Thursday, March 23, in Cincinnati, and as he loves to be in an automobile, two high powered cars carried him and his party over the city and he was shown as much as was possible to see in one day. His escorts were J. A. Peterson, Clarence Peterson, Charles E. Critchell, Robert Murphy, Joseph E. Hill, Edward A. Forter, and Charles L. Baum and his son, Carl, of Knoxville, Tenn. The party started out early in the morning and went first to J. A. Peterson's establishment and home in Westwood, one automobile making a detour and stopping at the greenhouses of the Hoffmeister Floral Co. Here they were detained so long sampling a red fluid that was carefully stored in the Hoffmeister cellars that the remainder of the party, who had arrived at Mr. Peterson's in the meantime became greatly alarmed, not knowing where their friends were, and called up all the police stations to learn if they had been arrested for fast driving or had met with an accident. They turned up at Mr. Peterson's later, where several bottles of champagne were opened. The party then returned to the city, viewed Edward Forter's new establishment, also the handsome store of the E. G. Hill Floral Co., and after dinner at the Metropole, proceeded to take in the parks and the hill-top suburbs of Cincinnati. At Eden park greenhouses they were made welcome by City Florist Knott, and after being entertained at the beautiful home of C. E. Critchell in Rose Hill, went to Spring Grove cemetery, where, although they arrived quite late in the day, they were able to give the countersign and pass the armed guards at the gate, who were just about to start on their round of the night patrol of the grounds. Superintendent Salway was absent in Florida, but his assistant showed them every courtesy, and President MacRorie expressed himself as delighted with this opportunity of viewing what he termed one of the finest cemeteries in the country.

While President MacRorie was in

Cincinnati, being thus entertained, a shipment of six carloads from the MacRorie-McLaren Co. passed through Cincinnati destined to A. R. de La Mar, Glen Cove, L. I. This shipment represented some thousands of dollars, and the total cargo of one of the cars was four Japanese trees, *Retinospora obtusana*. It was necessary to build a house on this flat car the height of which was 15 feet from the track. Visitors to the Panama-Pacific exposition will remember the dwarf trees that were shown at the Japanese tea garden for which a large price was asked. Mr. MacRorie showed with pride a photograph taken of this special carload on the MacRorie-McLaren Co. nursery's own switch at San Mateo, Calif.

President MacRorie left Cincinnati in good shape, accompanied by J. A. Peterson and wife, C. E. Critchell, Joseph E. Hill, Charles Baum and son, the intention of the party being to spend Friday seeing Pittsburgh and visiting the Pittsburgh florists.

Planting Day at Grand Rapids.

As a result of a novel campaign conducted by the Association of Commerce and other civic organizations of Grand Rapids, Mich., more than 13,000 shrubs and vines will be planted in that city on one day in April which will be declared a holiday by the mayor. The plan was originated primarily for the purpose of beautifying the city and incidentally to arouse the interest of school children and factory workers in flowers. It met with such success that it will become an annual event hereafter.

All of the work of the campaign devolved upon the Association of Commerce. The first step was to secure prices on shrubs and vines which would permit sales at a low figure and still provide a profit sufficient to cover the cost of the campaign. The bids received from various nurseries made this possible with a selling price of 10 cents per shrub or vine. Circulars were then distributed which carried the rules of the campaign and a list of 10 standard varieties of shrubs and vines from which selection could be made, each variety being carefully described to insure intelligent ordering, the varieties being numbered from one to ten. Order blanks with the names of the shrubs and vines similarly arranged and numbered were printed in the circular to simplify the work of ordering and subsequent checking. The list of varieties as used was as follows:

Celastrus, *Dorothy Perkins* and *Crimson Rambler* roses, *Ampelopsis tricuspidata*, *Lonicera Morrowi*, *forsythia*, *hydrangea*, *Berberis vulgaris*, *Vaccinium macrocarpon* and *Spiraea Van Houttei*.

Thousands of these circulars were sent to all schools, public and parochial, improvement associations, factories and clubs. Manufacturers, business men and officers of associations and clubs were impressed with the merit of the campaign and urged to give it much attention. Large order blanks were sent to the heads of institutions, and when the individual orders were collected, accompanied by the cash, a total of each variety ordered was drawn by the official in charge and sent with a remittance to the Association of Commerce. The original orders were then filled. When the stock is received it will be separated according to variety and delivery made to the various institutions, where distribution will be made according to the original individual orders.

With all interested parties working with a will, no great amount of labor fell to any one person and had the

OLEANDERS WANTED

Specimen

OLEANDER PLANTS,
pink.

Large ORANGE TREES
in tubs.

Alexander McConnell,

611 FIFTH AVE., N. Y. CITY

BAY TREES WANTED

Fifty-eight Bay Trees, six to seven feet, tubs to be sixteen to eighteen inches in both diameter and height outside dimension

H. HOUSTON TALL,

Board of Park Commissioners,

INDIANAPOLIS - - INDIANA

Cedrus Deodara Wanted

Price wanted on 200 to 500 *Cedrus Deodara* (Himalayan pine), in two inch to four inch pots.

W. R. TIETZE, Supt. of Parks,

Dallas, Texas.

COLEUS WANTED

Rooted *Coleus* cuttings of the Anna Pfister variety. Address

H. H. TALL,

Board of Park Commissioners,

INDIANAPOLIS, IND.

campaign extended for several weeks more, no doubt the number of orders would have been doubled. On planting day the factories will close and the schools will be dismissed so that each person that placed an order will have time to do the work properly. Most of the orders received were from individuals and numbers of the shrubs will add to the beautification of home grounds, but quite a number of orders signify that factory and school buildings are also to be benefited by the movement.

It is expected that countless cities will follow the example of Grand Rapids in the future. The beauty of the cities will be enhanced and the nurseries will benefit by the increased business, all of which will be accomplished at so small a cost that no one is inconvenienced.

C. W. S.

BUFFALO, N. Y.—Mrs. Porter Norton will erect two new houses on Gates Circle.

RACINE, WIS.—L. C. Porter, who has conducted a greenhouse at 219 Sixth street for a number of years, has retired from business owing to ill health.

A GREAT COMBINATION

— Including —

The American Florist

— Regular —

SPRING NUMBER

— and the —

National Flower Show Report

— will be issued —

Next Week

Our readers throughout the country await this issue with much interest, both for the important Easter suggestions and details of the Philadelphia exhibition, fully illustrated, affording a splendid advertising medium for Easter and general Spring stock, supplies, building materials, etc.

Send Advertisements Early to Insure Good Location and Display

AMERICAN FLORIST CO.,
440 S. Dearborn St., - - - - CHICAGO



DREER'S NEW WHITE CANNA, EUREKA

NEW CANNAS

TWO STRIKING NOVELTIES OF OUR OWN RAISING

EUREKA

We unhesitatingly declare this to be the best white flowering Canna that has been brought to our notice. Nearly all other white varieties have proven of weak constitution and growth.

Eureka grows as vigorously and blooms as freely as any Canna of any color. Its foliage is clean and healthy of a beautiful green color. It grows quickly into sturdy shapely plants about four feet high, which produce a profusion of large trusses of good sized florets. These open a creamy white, and quickly becomes pure white in the full sun.

Its superior merits have been commented on by all who have seen it, and we confidently proclaim it the best white Canna yet introduced.

Strong 2-eye divisions, 30c each, \$3.00 per dozen, \$20.00 per 100.

ORANGE BEDDER

A particularly attractive vigorous growing variety, of a bright scarlet orange, of peculiar dazzling intensity. The flowers are produced very freely, creating a great mass of color. A bedding variety of extraordinary merit.

Strong 2-eye divisions, 30c each, \$3.00 per dozen, \$20.00 per 100.

Standard Varieties of Cannas at Special Prices

We have completed the cleaning of our Cannas, and the inventory shows, that we have a number of excellent sorts: some of them recent introductions, in particularly large quantities.

The list is an excellent one, comprising sorts of practically every shade, and all distinctly different from each other.

We offer these 20 varieties at \$2.00 per 100; \$15.00 per 1000, for immediate delivery and subject to being unsold on receipt of order.

No order accepted for less than 100, at this special price.

Try a thousand, in the 20 sorts, 50 of each. You will find it a profitable investment. ORDER NOW.

THE VARIETIES

Duke of Marlboro—Crimson.
Graf. M. Tolstoi—Bronze fol. red.
Louis Reverchon—Bronze fol.
Orange scarlet.
Uhlberg—Carmine and cream.

Gustav Gumpfer—Yellow.
Johanna Kanzleiter—Cream and rose.
Secy. Chabanne—Orange.
Stutgartia—Red and yellow.
Wm. Bates—Large yellow.

Queen Charlotte—Red and yellow.
Maros—Bronze fol. orange.
Philadelphia—Scarlet.
Marcel Ricard—Red and yellow.
Czuczor—Pink. Maros—White.

Venus—Pink and cream.
Meyerbeer—Orange and cream.
Wyoming—Bronze fol. orange.
Mlle Gabrielle Miguel—Flesh.
Brilliant—Yellow and Red.

\$2.00 per 100, \$15.00 per 1000

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower, PEKIN, ILL.

KENNETT SQUARE, PA.—J. Howard Thompson is adding a house 40x200 feet to his range.

URBANA, ILL.—The board of trustees of the University of Illinois at a meeting March 14, authorized the erection of a new field laboratory for the horticultural department to cost \$100,000.

SAN FRANCISCO, CALIF.—Several pieces of furniture of unusual beauty, formerly part of the Italian exhibit at the Panama-Pacific exposition, have been added to the furnishings at the store of Podesta & Baldocci.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in doz.,	\$1.00; 100, \$8.00	

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Mention the American Florist when writing

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Mention the American Florist when writing

Spring List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

Cycas Stems

NEW
ALL

STOCK
SIZES

Prices: 100 LBS @ 8¢
500 LBS @ 7½¢

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

Gladiolus Bulbs

FINE MIXED.

Per 1000

4,000 Extra large, 1 1/4-2 1/2 in.....	\$8.00
13,000 No. 1, 1 1/4-1 3/4 in.....	5.00
20,000 No. 2, 1-1 1/4 in.....	4.00
20 bushels Corms or Bulblets, \$2.00 per bus.	
100,000 ASPARAGUS ROOTS.....	2.50
300 lbs. Ruby King Pepper Seed, lb.....	\$1.10
500,000 Jersey Sweet Potato Plants, write for prices	

All Kinds of Vegetable Plants in Season.

I. & J. L. LEONARD, Iona, N. J.

Mention the American Florist when writing

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

American Beauties-Russell-Fancy Roses Easter Lilies=Spencer Sweet Peas=Carnations=Valley

CURRENT PRICE LIST—Prices Subject to Change Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$4.00
28 to 30-in.	3.00
24 to 26-in.	2.00
20 to 22-in.	1.50
16 to 18-in.	1.25
Short, per 100	\$4.00, \$6.00 to 8.00

	Per 100
Hoosier Beauty	\$12.00
Richmond	10.00
Hadley	8.00
Ophelia	6.00
Sunburst	4.00
Milady	
Killarney Brilliant	

	Per 100
Bulgaria	\$10.00
Aaron Ward	8.00
Killarney	6.00
White Killarney	\$3.00 to 4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$ 6.00
36-in.	5.00
24 to 30-in.	\$3.00 to 4.00
18 to 20-in.	2.00
Short	per 100, 6.00 to 12.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer	\$0.75 to \$1.50
Violets, double or single .....	.50 to .75
Jonquils and Daffodils	3.00
Tulips	4.00
Smilax	doz., \$2.00 to \$2.50
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000 \$1.50
Leucothoe	100, .20
Mexican Ivy	100, .75
Ferns	1000, \$6.00; 100, .75
Boxwood	1000, 2.50; 100, .30
Wild Smilax	bunch, 25¢; case, 8.00
	per case, 5.00

CARNATIONS

	Per 100
Best Fancy, all colors	\$3.00
Splits, Red and Dark Pink	1.50
Splits, White and Enchantress	2.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES

Per 100	\$10.00 to \$12.00
---------------	--------------------

ORCHIDS

	Market Price.
Cattleyas	Per Doz. \$6.00 to \$8.00

SUPPLY DEPARTMENT.

LIMITED SUPPLY

EASTER BASKETS

FRENCH STYLE

46 Inches High, - - - -	\$2.00 Each
36 Inches High, - - - -	1.50 Each

Order Now.

We can Supply Mats, Crepe Paper,
Tape, Chiffons, Tying Ribbons, Etc.

Special Bull Dog Clips



Per 1000, 65 cents.

The only article for use in securing paper on plant quickly.
Try them and see.



SWEET PEAS--A BIG CROP

All Zvolanek's fancy varieties. Prices according to length of stem. Extra long stem exhibition stock per 100, \$1.50. Good length stems, per 100, \$1.00. In lots of 500 or more at rate of \$7.50 per 1000.

American Beauties Per doz.

Heavy Cut of Short-Stemmed Stocks.

Extra long stem Specials.....	\$5.00
Medium.....	\$1.50 to \$4.00
Shorter lengths.....	.50 to 1.00

Russell

According to length of stem.....75c to \$2.50 per dozen

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer

Extra long stems.....	\$10.00
Medium stems.....	\$6.00 to 8.00
Short stems.....	4.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....50c to 75c

Sunburst, White and Pink Killarney and Hillingdon

Extra long.....	\$10.00
Good length.....	8.00
Medium.....	6.00
Good short.....	\$3.00 to 4.00

Carnations

Extra fancy Pink and White.....	\$3.00 to \$4.00
Extra fancy Red Belle Washburn.....	4.00
Sweet Peas—Zvolanek's orchid flowering according to lengths of stems.....	1.00 to 1.50
Jonquills and Daffodils.....	3.00
Valley, per 100.....	4.00 to 5.00
Easter Lilies, per dozen.....	1.50
Choice Common Ferns, per 1000.....	3.00
Asparagus and Sprenger, per 100.....	\$2.00 to 3.00
Galax Leaves, bronze and green, per 1000.....	1.00

ROSES our selection in lots of 200 or more at the rate of \$3.00 per 100.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell.

LILY PLANTS

Ready to ship in bud after the 20th.

Plants 10 to 15 inches above pot, - - - 8c per bud

Plants 15 inches and over above pot, - - - 10c per bud

These plants are all giganteum and choice stock packed about 100 buds to the box without pots, the ball of dirt being securely wrapped in paper.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

L. D. Phone,
Central 1457.

HINSDALE, ILLINOIS

Chicago.

STOCK IS MORE PLENTIFUL.

Stock of all kinds is in good supply and there is now plenty of everything to go around. Roses especially are seen in larger quantities, particularly Mrs. Chas. Russell, Killarney, Killarney Brilliant, Double White Killarney and Killarney Queen. Some fine Hadley, Sunburst, Rhea Reid, Hoosier Beauty, Richmond, Mrs. George Shawyer, Milady, Ophelia, My Maryland, Lady Hillingdon, Prince de Bulgaria, Mrs. Aaron Ward, Mrs. Moorfield Storey, Cecile Brunner, George Elgar and Fireflame are included in the shipments and it appears as if the supply of American Beauty roses is steadily increasing. Orchids are none too plentiful, especially cattleyas, which are bringing \$6 to \$8 per dozen. Cypripediums are in good supply, but are not bringing the prices that they should. Gardenias are selling good and clean up nicely each day. Lily of the valley is in good demand, and there is hardly ever any surplus to speak of. Lilies are seen at nearly all

the stores in large numbers, and the same holds good for callas. Violets, both single and double, are plentiful, but the receipts of freesias are nothing to speak of. Anemones in the desired colors are included in the shipments, and so are lupines, snapdragons, stocks, calendulas, forget-me-nots, straw flowers, pansies and daisies. Some of the snapdragons offered are particularly well grown and attract much favorable attention. Sweet peas are very plentiful and fancy stock is obtainable in large lots at attractive prices. Carnations are more plentiful this week than they have been for some time, and are selling at reduced prices. Jonquills, daffodils, hyacinths, tulips, gladioli and narcissi are still among the offerings, and while tulips appear to be plentiful there is no great surplus to speak of. Smilax is somewhat scarce, and boxwood has advanced in price by the case. Greens in general are in good supply and some very choice Asparagus plumosus is being offered. Trade is very quiet this week, both as far as the local and

shipping demand is concerned, consequently stock in all lines is accumulating and is not bringing the prices that it did last week. Plants of all kinds are being featured in the window displays of the retail stores, and a glance at the calendar will show that Easter is not very far off. From present indications it appears as if carnations will not be any too plentiful at Easter, and some of the growers feel the same way about roses, so it would be advisable for everyone to place their orders well in advance and protect their supply.

NOTES.

A. L. Vaughan & Co. are mailing a telegraph code which also contains a yearly calendar to all their customers this week, and which they will be glad to mail to anyone in the trade free upon request. The telegraph code is being used more and more each day and should be in the hands of every florist in this country, who will be surprised what money can be saved in telegraphing their orders if the code words are used.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY CUTS OF ROSES

RUSSELL-WHITE KILLARNEY

We have the largest range of greenhouses in America devoted exclusively to Roses and Carnations and can fill your orders best.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES

	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.50
Short stems.....	75c to 1.00

	Per 100
Killarney.....	
White Killarney.....	
Killarney Brilliant.....	
Sunburst.....	
My Maryland.....	
Ophelia.....	
Richmond.....	
Milady.....	
ROSES, our selection.....	\$4.00

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00
Select.....	15.00
Medium.....	12.00
Short.....	\$8.00 to 10.00
Carnations, fancy.....	3.00
" good.....	2.00
Harriall.....per doz., \$1.50 to \$2.00	
Sweet Peas.....	\$1.00 to \$1.50
Valley.....	4.00 to 5.00
Violets.....	.75 to 1.00
Smilax.....per doz, strings, \$2.00	
Adiantum.....	1.00 to 1.50
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$3.00
Boxwood.....per bunch, 25c	
Galax, bronze and green.....per 1000, \$1.00	
Leucothoe Sprays.....	.75 to 1.00

2,000,000 Feet of Modern Glass

Peter Reinberg will have a good supply of stock for Easter, according to Felix Reichling, who visited the greenhouses March 25, when he found everything in splendid condition. This firm is cutting from a fine crop of Killarney and Mrs. Chas. Russell roses. Emil Reichling, who has charge of the greenhouses, is attending the National Flower Show in Philadelphia this week, and will also take in the Spring Show at New York next week.

The local party which left here March 25 for the National Flower Show at Philadelphia, Pa., included August Poehlmann, Adolph Poehlmann, Earl Poehlmann, Miss Vera Poehlmann, Emil Reichling, Emil Buettner, W. J. Keimel, Ed. Enders, W. D. Desmond, Minneapolis, Minn.; I. O. Kemble and wife, Marshalltown, Ia., and John E. Yeats, Champaign.

Chas. Erne is seen at Erne & Klingel's store every day, but is not on active duty yet, but expects to be in condition to give the boys a hand during the Easter rush. He kept in close touch with the trade through the trade papers while he was in the hospital and read them all from cover to cover.

Mrs. Chas. Helen Newstrom has the sympathy of the trade in the loss of her husband, whose death occurred last week. Mrs. Newstrom was formerly employed as stenographer at the old E. H. Hunt Co.'s store, and is a daughter of Mons Olsen, formerly with Poehlmann Bros. Co.

Frank Ayres, with Chas. W. McKellar, received a letter from his mother this week containing the good news that her property at Paris, Texas, was not damaged any by the big fire which destroyed a good part of that city last week.

The boys at George Reinberg's store are becoming good bowlers, and after they have a little more practice they

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Heaviest Ever Supply

CARNATIONS and ROSES

Best leading varieties, so place your order here.

Absolutely essential stock to the progressive florist desirous of obtaining the best for the least money.

Chicago's Largest Dealers in Decorative Greens

are going to challenge some of the teams representing the other wholesale houses.

Samuel Murray, of Kansas City, Mo., and Miss Elizabeth Hayden, of his store force, spent last Saturday and Sunday with friends in this city, proceeding to Philadelphia March 27.

Kyle & Foerster are having a good run on fancy sweet peas which they are handling in quantity, and are showing a good supply of mignonette.

August Lange and wife left for the National Flower Show at Philadelphia, Pa., March 26, stopping off at Pittsburgh.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change
without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	\$1.50 to 2.00

ROSES.

	Per 100
White Killarney.....	Extra Special.....\$7.00
Pink Killarney.....	Select.....6.00
Killarney Brilliant.....	Fancy.....5.00
Richmond.....	Medium.....4.00
	Good.....3.00

CARNATIONS.

Fancy...100, \$3.00 Good...100, \$2.00 Split...100, \$1.50

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$4.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50- 3.00
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengerl.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

Harry M. Lubliner and Joseph Trinz have purchased through White & Tabor from Harris, Kusel & Co., the leasehold estate on the premises at the northeast corner of Michigan avenue and Garfield boulevard, 161x200 feet in extent, the deed naming a nominal consideration. In connection with the deal the selling company will erect for the buyers a structure which will contain a 2,000-seat theater on one floor, five stores, eleven shops and eighteen apartments after plans by Thomas R. Bishop, architect. The building will cost about \$150,000. The lease on the holding is for ninety-nine years and provides for a yearly rental of \$3,000 for five years, \$3,500 for five years, \$4,000 for five years, \$4,500 for five years and \$5,000 for seventy-nine years, the lease running from the Northern Trust Company as trustee of the Sydney A. Kent estate. In connection with the new building the American Bond and Mortgage Company has made a loan of \$85,000, five years, six per cent.

Pyfer & Olsem, of Wilmette, had a large number of orders for the funeral of State Representative Louis J. Pierson, held in that city March 22, which was one of the biggest days they ever had outside of the holidays. One wagonload consisting of 25 large designs was delivered one afternoon, not counting the many other pieces that were delivered as rapidly as they were completed. A committee consisting of 30 members of the Illinois house of representatives and many other prominent people attended the services, which were held at the Wilmette Methodist church.

At Zech & Mann's store the receipts of orchid flowering sweet peas are unusually large but clean up nicely each day. Their supply of Mrs. Chas. Russell roses is very heavy, especially in the longer stemmed grades and the quality is all that one desires. Allie Zech says that trade has been good and is making preparations for what he believes will be a big Easter business.

Alois P. Frey, Crown Point, Ind., passed through the city this week on his way home from Montebella, Calif., where he was looking after his stocks of Rainbow freesias. He was more than pleased with their condition and will place them on the market for the first time this summer.

F. O. Franzen has a very attractive electric sign at his North Clark street store which was made to order from

EASTER SUPPLIES

ORDER EARLY—PRICES RIGHT.

We are now ready to fill your orders, large or small, so if you are not already one of our customers, give us a trial today.

Folding Cut Flower and Design Boxes, Cut Flower and Plant Baskets, green and bronze Magnolia Leaves, Cypas Leaves, Ribbons in all leading shades, Corsage Shieldr, Chiffons and Staple Supplies.

CUT FLOWER DEPARTMENT.

ROSES Carnations, Daffodils, Jonquils, Ferns, Snapdragons, Sweet Peas, Tulips, STOCKS Galax, Boxwood, Leucothoe, etc.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, CHICAGO, ILL. Central 6284.

WANTED! SWEET PEAS!

Can handle more stock to good advantage. Do not stop to write but make shipments immediately. Start today. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

a drawing submitted by himself. He is a firm believer in printer's ink and carries a large sized advertisement in the telephone directory every time a new book is issued.

B. Zima, 3053 West Twenty-second street, has the sympathy of the trade in the loss of his five-year-old son, George, whose death occurred Wednesday, March 22. The funeral was held the following Saturday with interment at Bohemian national cemetery.

The Boston store was given permission by the school trustees Thursday, March 23, to distribute 3,000 seedling Norway pine trees at one cent each among the school children to be planted on Arbor day.

O. A. & L. A. Tonner are handling a good supply of choice orchid flowering sweet peas, which one of their growers is just commencing to cut in quantity, and are in good demand at their store.

Adolph Malchow, 3745 North Clark street, has a fine supply of tulips in the leading varieties and is well pleased with the shipments of bulbs that he received, which was the best in years.

Roswell Shupp has returned from a pleasant visit at Hot Springs, Ark., and is again attending to his duties as manager of the shipping department at J. A. Budlong's store.

H. Bornhoft, of Crescent, St. Louis, Mo., was in the city on business this week. He was formerly in business here and all of his old friends were pleased to see him again.

Theodore Wirth, of Minneapolis, Minn., and J. J. Hess, of Omaha, Neb., passed through the city, March 24, en route to the National Flower Show, at Philadelphia, Pa.

John Risch says that the rose Mrs. Moorfield Storey is in good demand at Weiland & Risch's store, and is easily the leader in the shell pink class.

George Harrer, who has been on the sick list nearly all winter, is up and around again and was a visitor in the wholesale market this week.

Robt. A. Smythe, secretary of the Michigan State Horticultural Society, Benton Harbor, Mich., was a visitor in the wholesale market March 27.

A. C. Kohlbrand, who has been laid up for a week with lumbago, is again attending to his duties at the E. C. Amling Co.'s store.

W. W. Randall, with the A. L. Randall Co., is back from an out-of-town trip with a nice lot of orders.

Edward J. Delaney, formerly with Sinner Bros., is now with the White House Florist.

Miss Leslie is now in charge of the Wabash Flower Market, 6 East Monroe street.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

**Beauties, Roses, Carnations, Tulips, Lilies, Violets,
Valley, Orchids, Sweet Peas, Freesias, Jonquils, Etc.**

Exceptionally Fine Stock for long distance shipping orders. None better obtainable elsewhere.

Order Here

CURRENT PRICE LIST

Subject to Change
Without Notice.

Order Here

AMERICAN BEAUTIES.		Per doz.	MISCELLANEOUS.		Per 100
Long stems		\$ 5.00	Cattleyas	per doz., \$6.00 to \$8.00	
36-inch stems		4.00	Valley		\$ 4.00 to \$5.00
30-inch stems		3.00	Violets .....		.50 to 1.00
24-inch stems		2.50	Romans		2.00 to 4.00
20-inch stems		2.00	Southern Jonquils .....		.75 to 1.00
18-inch stems		1.00 to 1.50	Tulips		2.00 to 4.00
MRS. CHAS. RUSSELL.		Per 100	Lilies	per doz., \$1.50 to \$2.00	
Specials		\$25.00	Callas	per doz., 2.00	
Select		20.00	Sweet Peas .....		.75 to 1.50
Medium		10.00 to 15.00	Smilax	per doz., \$2.00	
Short		6.00 to 8.00	Adiantum		1.00
ROSES.		Per 100	Asparagus Strings	each, 75c	
White Killarney...			Asparagus Plumosus, per bunch	35c to 50c	
Killarney			Fancy Ferns	per 1,000, \$2.50	
Killarney Brilliant.	Special	\$10.00	Wild Smilax	per case, 5.00	
Ward	Fancy	8.00	Boxwood	per lb., 25c; 50 lbs., 8.00	
Sunburst	Medium	6.00	Leucothoe Sprays .....		.75
Ophelia	Short	4.00 to 5.00	Mexican Ivy .....		.75
Maryland					
Richmond					
Milady					
Roses, our selection		4.00			
CARNATIONS, select		Per 100			
" fancy		\$ 1.50 to 3.00			

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

CHICAGO

CHOICE CALLA LILIES

Unusually Fine Stock at \$1.50 per Dozen.

Mangel, the Palmer House florist, always has a very pretty window display, and an artistically arranged basket of well grown Mrs. George Shawyer roses by John Canger one day last week attracted particular attention. The roses were unusually well grown and were some of the best that were ever offered on the local wholesale market. Mr. Mangel is gradually stocking up his conservatory with blooming plants and will have a large display during Easter week.

Joseph Ziska, Sr., and Emil Jehlik have returned from a most delightful visit at Hot Springs, Ark.; Mineral Springs, Texas, and other southern points. The two gentlemen were going into Mexico together to help catch Villa, but when they drew near the border and discovered what husky sol-

dier boys Uncle Sam had to do the job, they decided that their services were not needed.

The E. F. Winterson Co. has acquired a large room, 20x60 feet in the basement, north of their present store, that was formerly used by the landlord for a machine shop and will use it for storing smilax and other green goods. Mr. Winterson is thinking seriously of installing an ice machine similar to the ones the A. L. Randall Co. and Kyle & Foerster have.

C. L. Washburn, of Bassett & Washburn, and wife are visiting with O. P. Bassett and wife and E. B. Washburn and family at Pasadena, Calif., for a few weeks. Bassett & Washburn are cutting a large quantity of short-stemmed roses and a fancy grade of orchid flowering sweet peas.

The John Kruchten Co. had a good call for gardenias all this week and succeeded in disposing of their shipments each day at an early hour. This firm is also offering a choice grade of Killarney and Mrs. Aaron Ward roses.

A. G. Fischer is operating the store in the Crawford theatre building at 23 South Crawford avenue, known as Fischer's Flower Shop, formerly the home of Clarke's Flower Shop.

Peter Papes, who operates the store known as the Central Floral Co., 35 Broadway, Detroit, Mich., renewed old acquaintances here this week.

M. C. Gunterberg is handling a good supply of sweet peas, but could use more of these flowers to good advantage from now on.

Ed. Siebrecht is visiting relatives at Winona, Minn., this week.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

George Manos, the Union Depot Florist, calls attention to the fact that he has sold his eastern interests to John Kronis, and not Michael Kronis, which has been reported at different times of late. The following, which was published in these columns recently, will bear out his statements: "The co-partnership heretofore existing between George A. Manos and John M. Kronis doing business as the Railroad Station Florists, was dissolved by mutual agreement, February 4, Mr. Manos taking over the floral stands situated in the Union Depot and the Illinois Central Station at Van Buren street, in this city, and Mr. Kronis, the stands in the Pennsylvania Railroad station in Pittsburgh and the Pennsylvania Railroad station at East Liberty, Pa."

Poehlmann Bros. Co. is in heavy crop with roses and choice stock in all the varieties to be had in quantity this week. Otto W. Frese is of the opinion that roses will not be any too plentiful at Easter, which is the same report that is heard at several of the other houses. Orders for azaleas, lilies, hydrangeas, rambler roses and other blooming stock for Easter are arriving in every mail and the supply department is prepared to handle a record-breaking business. August Poehlmann and son Earl and Adolph Poehlmann and daughter Vera are attending the National flower show at Philadelphia this week.

The George Wittbold Co. had the decorations for the Charity Kirmess now being held in the Coliseum for the benefit of the war sufferers, and made a pretty good job of the main street, which is a reproduction of Unter den Linden, Berlin, and a credit to the decorators, Chas. Meyers and Ed. Armstrong. Louis Wittbold says that the George Wittbold Co. will have a large supply of bulbous stock for Easter, particularly hyacinths, which are being grown in their new Garland houses just completed at Edgebrook.

Wieter Bros. are cutting a large supply of carnations now and some particularly fine Washington, Ward, Alice and Philadelphia are included in the daily shipments. This firm is busy planting 10,000 Ophelia roses and the stock in general throughout the greenhouses is in splendid condition and large crops of roses are in sight for Easter.

At A. T. Pyfer & Co.'s store stock of all kinds is arriving in larger quantities,

but is moving nicely and cleans up well each day. Mr. Pyfer looks for a brisk Easter trade and does not expect to find either carnations or roses any too plentiful before the rush is over and is advising all his customers to place their orders well in advance.

John Walsh, of the Chicago Flower Growers' Association, and wife had a narrow escape from ptomaine poisoning last week. Mrs. Walsh was seriously ill for several days, but is now well on the road to recovery. She was operated upon since and from last reports is reported to be progressing favorably.

Philip J. Foley called on a few of his many friends in the wholesale market this week and it is needless to add that he is as welcome as the flowers in May. The Foley Greenhouse Manufacturing Co. is busy putting up a large range of greenhouses for Bassett & Washburn at Greggs Station.

Sam Pearce has had a bonanza year in bulbous stock and the tulips will soon be over. Mr. Pearce reports unusual success in forcing Darwin tulips this year, securing stiff stems on these varieties by growing them cool. The warmer treatment of previous years produced weak stems.

Percy Jones is handling a large supply of green goods in addition to a complete line of cut flowers and is making preparations to handle a brisk Easter trade. Some particularly fine carnations are included in the daily shipments and are in large supply at present.

Paul Klingsporn of the Chicago Flower Growers' Association visited the Wellworth Farm Greenhouses and the Kidwell greenhouses at Downers Grove this week and is well pleased with the outlook for stock for Easter.

A. Lange had a large number of orders for the Mrs. Otto Young funeral this week, which included the family casket cover and many other beautiful and expensive designs.

Miller & Musser's principal offerings this week are sweet peas and daisies, which are in good demand, notwithstanding the general market conditions.

Milton Alexander, with Lion & Co., New York, called on the trade here this week and is heading for home to take in the big spring show.

H. B. Kennicott and wife have returned from their honeymoon and the happy wholesaler is again attending to his duties at the store.

Current Price List

ROSES Per 100

Mrs. Chas. Russell...	\$8.00 to \$15.00
Ophelia	Special.....8.00
Sunburst.....	Long.....6.00
Killarney.....	Medium .....5.00
W. Killarney...	Short...\$3.00 to 4.00
Kill. Brilliant..	

CARNATIONS, De Luxe, select.. 3.00
Good..... 2.00

Miscellaneous

Jonquils	\$ 2.00 to \$3.00 per 100
Daffodils.....	3.00 to 4.00 per 100
Lilies.....	10.00 to 12.50 per 100
Lily of the Valley,	\$4.00- 5.00 per 100
Violets, double,	\$0.50 to .75 per 100
Violets, single,	.50 to .75 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Tulips.....	3.00 to 4.00 per 100
Ferns.....	3.00 per 1000
Asparagus.....	bunch, 35c to 50c each
Sprengeri	bunch, 25c to 35c each
Galax	\$1.00 1000
Mexican Ivy.....	.75c per 100
Boxwood.....	large bunch, 25c each

Subject to Market Changes.

W. G. Matthews and wife, Dayton, O., were visitors at the Raedlein Basket Co.'s establishment this week.

Hoerber Bros. are still cutting heavily in fancy snapdragons, Killarney, White Killarney and Richmond roses.

Ed. Meuret, of Park Ridge, is building a new Garland house, 27x200 feet, which will be planted to carnations.

The Chicago Florists' Club will meet at the Morrison hotel Thursday, April 6, at 8 p. m.

O. P. Bassett will celebrate the eighty-first anniversary of his birthday April 2.

Ed. Leslie is now in the employ of Art Schutz, Hammond, Ind.

Visitors: J. L. Johnson, De Kalb; V. J. Gorly, St. Louis, Mo.; L. F. Murphy, Cincinnati, O.; C. W. Siebrecht, Winona, Minn.; W. D. Desmond, Minneapolis, Minn.; H. H. Nomura, secretary of the Golden Floral Co., Los Angeles, Calif.; H. E. Philpott, Winnipeg, Can.

Minneapolis.

Market conditions have changed very little during the past week. Business has been generally quiet, funeral work using up most of the stock that is disposed of.

NOTES.

The bowling teams of the Minneapolis and the St. Paul florists' clubs bowled the second series of three games at the Commercial club in St. Paul, after which a lunch was served to our visiting friends among whom was our genial friend from Chicago, Phil Foley, who told several of his stories, and made the usual hit.

Theodore Wirth, W. D. Desmond, E. P. Holm and Miss H. B. Whitted are attending the Fourth National Flower Show at Philadelphia.

A new automobile has been added to the equipment of the H. B. Whitted establishment.

Henry Barsch is behind the counter at the Eldridge Flower Shop.

Visitors: H. E. Philpott, Winnipeg, Man.; Philip Foley, Chicago.

T. C. R.

STEVENS POINT, WIS.—W. A. Macklin will open an attractive flower store at 116 Strong's avenue about April 1.

SOUTH BEND, IND.—Plans are being made for a flower and vegetable show in conjunction with the Interstate fair this year.

WHY NOT

send your orders to a house that can be relied upon to fill them when a scarcity exists? Today finds us fixed better than ever to give you good values for your money. Try us and convince yourself.

PLACE
YOUR
EASTER
ORDER
NOW!

Easter Offerings.

PLACE
YOUR
EASTER
ORDER
NOW!

We have an elegant lot of Lilies to offer this coming Easter, fine flowers carried on good stiff stems of A1 quality.

Potted Plants or Cut Blooms	Per Dozen,	\$ 1.50 to \$ 2.00
	Per Hundred,	10.00 to 15.00
	Per Thousand,	80.00 to 125.00

In order to avoid breakage of Potted Lilies incidental to the rush and rough handling of Express companies at the eleventh hour, shipment of potted lilies should leave us **not later** than Wednesday, April 19th; in other words we will make no shipments of Lily plants after April 19th.

Besides Lilies we shall have a big cut of **Russells, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmonds, Milady and Ward Roses** to offer in addition to heavy supplies of **Carnations, Valley, Sweet Peas, Violets, Callas, Jonquils, Daffodils, Tulips, Galax, Asparagus, Sprenger, Adiantum**, as well as other **Seasonable Stock and Greens**.

You can increase your profits and business
by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City.

BUSINESS IS NORMAL.

Market conditions during the past week continued practically unchanged. Roses are improving and found a ready sale, but carnations practically glutted the market. Lilies are becoming more plentiful and move freely. Bulbous stock is seen in larger supply and prices have fallen to some extent. Sweet peas are being cut by the thousands by the local growers daily and are coming in faster than they can be used. Violets and lily of the valley are plentiful. Indications point to a good Easter trade, and many of the retailers are showing they are in favor of preparedness and are ordering early. The demand for nursery stock is all that could be desired.

NOTES.

Wm. Foith has a sport of a rose pink snapdragon that is very fine, and it is netting him good returns. He has been cutting it all winter, and thinks it is the best winter bloomer he has ever seen. He also has some fine cinerarias.

H. Kusik & Co. have excellent stocks of high grade roses, carnations, lilies, sweet peas and bulbous plants in vari-

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experience
Shippers in Southern California
751 S. Broadway, Los Angeles, Calif.

ety. Among the arrivals at this establishment last week were 18,000 southern grown jonquils.

The trade of this city was pained to hear of the death of George L. Freeman of Fall River, Mass. His usual visits and valued advice will be missed by his many friends.

W. J. Barnes is cutting heavily in carnations, lilies and bulbous stock. His stock in general is in fine shape and business in all lines is very satisfactory.

Chas. Biederman & Son report stock coming on in fine shape for Easter. Lilies are especially good and the bedding stock is in prime condition.

Funeral work and orders for luncheon decorations have kept the Peterson Floral Co. very busy.

A. D. Mohr is cutting from 1,500 to 2,000 Butterfly sweet peas daily. Bedding stock, of which he makes a specialty, is in fine shape.

M. E. Chandler of the Elmhurst Nursery Co. has his force in full swing. He says orders are heavy and he expects to clean up.

Arthur Jewell is kept busy all day and well into the night. This establishment is getting about all the business it can attend to.

T. J. Noll & Co. report excellent shipping business. They handle a large supply of stock, but it keeps moving freely.

Gilday & Skidmore report good business. E. H. Harvey is now manager of this store.

Visitor: C. E. Gullett, Lincoln, Ill.
E. J. B.



SPECIAL EASTER OFFER

24 Plant Baskets **\$10**
Smaller Sizes

Same lot in Two-tone finishes, \$15.

24 Plant Baskets **\$15**
Larger Sizes

Same lot in Two-tone finishes, \$20.

EVERY basket in either assortment is worth at least 80 cents and is suitable for all Easter plants, such as Lilies, Hydrangeas, Rhododendrons, Azaleas, Lilacs, Spiræas, Roses, and all other Easter flowering and foliage plants. You cannot afford to pass either one of these offers by, so send in your order today.

Write for our new Catalog of Spring Styles just off the press.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

Phone, Monroe 4977.

CHICAGO, ILL.

Buffalo.

STOCK PLENTIFUL; BUSINESS FAIR.

Trade is only fair, with the exception of funeral work, which has been brisk, due to the fact that the weather recently has not been conducive to health. Sunshine, appearing through the greenhouse glass, would be much appreciated just now, as we are living in a very snowy atmosphere. The St. Patrick's day demand was active, the sale of green carnations exceeding all expectations, a large parade of the Friendly Sons of St. Patrick no doubt stimulating the sale. As this parade is to be an annual affair, the trade will be better prepared next year. Had the birth of the "Patron Saint" been delayed until April, the florists could take care of the observance of the day much better, but of course this cannot be changed now. There is a plentiful supply of stock, especially roses, tulips, jonquils, daffodils and carnations. American Beauties are becoming more plentiful and lily of the valley, orchids and violets are in good supply. Handsome plants in artistically trimmed containers are to be seen in all of the stores, and they bring joy to the heart of the passer-by, who appreciates the contrast between them and his snow-covered clothing.

NOTES.

Ben Boldt and S. A. Lundy, of Denver, Colo., the former an ex-Buffalonian, renewed old acquaintanceships last week, when they passed through this city enroute to the Fourth National Flower Show at Philadelphia. Several of the local florists are also pilgrims to the Quaker City and the show.

Several of the stores have had their spring openings this week, but the weather has been most disagreeable, which is unfortunate, and it is hoped

that the other stores, whose openings come later, will receive better treatment at the hands of the weather man.

"Near to Governor" Mahoney presided at an "anti-preparedness meeting" March 18, which was attended by about 5,000 "unprepareds." The "Near to Governor" was prepared, however—three of his audience report that he is a wonder.

It must be that the fragrance of flowers, which draws bees in general, also attracts the "political bee." It is hovering around a florist, with the indications that he will not get "stung," but will "bring home the honey."

Mark Palmer would have liked to answer the call to attend the show at Philadelphia, but says he hears a voice from Canada, calling: "The Forest City is very pretty now."

The florists' committee assisting the Elks on the details of the coming flower and fashion show are very busy and everything points to an excellent exhibition.

David Scott, of Corfu, N. Y., is making shipments to this market, the stock being of fine quality and it meets with the ready sale it deserves.

The funeral of a prominent citizen, March 25, called for considerable good stock. S. A. Anderson had the order for an elaborate blanket of pink roses.

Jerry Brookins & Son, of Orchard Park, N. Y., are sending a fine lot of orchid sweet peas to this city.

Visitors: John H. Dunlop and Geo. M. Geraghty, enroute to Philadelphia, Pa.

BISON.

PORTLAND, ME.—The Sunnyside Greenhouses have been incorporated by H. P. Sweetser and L. J. Miller of this city and M. A. Blanchard of Cumberland Center, Me. The capital stock is \$25,000. They will trade in general horticultural products.

Oklahoma City.

HEAVY DEMAND FOR FUNERAL WORK.

In addition to a normal general demand, the week has been marked by a heavy call for funeral flowers, the passing of two prominent citizens calling for an unusual number of elaborate pieces, and in consequence the florists report trade very good indeed. Special exercises have been held in all of the public schools for the purpose of furthering the work of planting more flower beds in this city. Local florists have been taking an active part and much good will no doubt come to the trade from this form of advertising.

We have had several very warm days recently, on two occasions the thermometer reaching 95 degrees, but a severe hailstorm, followed by a good rain and a drop in temperature has brought normal conditions again. No damage resulted from the hail in this city, but at Guthrie, the greenhouses of Furrow & Co. had 7,000 lights of glass broken. The stock escaped injury, and we are informed that the glass is covered by hail insurance.

Visitor: Arthur Zirckman, representing M. Rice Co., Philadelphia, Pa.

S. S. B.

Ft. Wayne, Ind.

Trade conditions during the past week have been very satisfactory. The rose supply is good, but does not exceed the demand, and carnations are plentiful and find a good market. Funeral work has been heavy and helps in keeping the market cleaned up.

NOTES.

A series of lectures on "Civic Beautification" were delivered by Mrs. Josephine Nesbit of Ohio last week at the Commercial Club and the various

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists

Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

WIRE HANGING BASKETS

Our Baskets are made strong and substantial, so do not compare them with other "cheap" made-up baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	\$1.25	14 inches	\$2.50
10 inches	1.50	16 inches	3.00
12 inches	2.00	(Larger sizes to order.)	

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles)	\$1.25
Per 5 bale lots for	6.00

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss	per bag, \$3.50
Natural Moss	per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

public school buildings. It is believed they will have a beneficial effect on the seed and nursery business of the local florists.

A brisk demand for funeral work has kept the staff at the Flick Floral Co.'s establishment busy during the past week. Several elaborate pieces, including a casket cover, were among the orders. H. K.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" " short	50@ 75
Mrs. Chas. Russell	1 00@ 4 00
" " "	Per 100
" Hoosier Beauty	5 00@15 00
" Killarney Brilliant	4 00@12 00
" Killarney	3 00@12 00
" White Killarney	3 00@12 00
" Richmond	3 00@12 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@12 00
" My Maryland	3 00@12 00
" Mrs. Geo. Sawyer	4 00@12 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@12 00
" Opbelia	4 00@12 00
" Double White Killarney	4 00@12 00
" Mrs. Moorfield Storey	4 00@15 00
" Our selection	5 00
Carnations	1 50@ 3 00
Cattleyas	per doz., 8 00
Gardenias	per doz., 3 00@ 4 00
Jonquils	3 00@ 4 00
Freesias, Tulips	3 00@ 4 00
Lilium Harrisii	10 00@15 00
Mignonette	6 00@ 8 00
Paper Whites	3 00@ 4 00
Romans	3 00@ 4 00
Sweet Peas	75@ 1 50
Valley	4 00@ 5 00
Violets, single	50@ 75
Violets, double	30@ 50
Adiantum Croweanum	1 00@ 1 50
Ferns	2 50@3 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumous Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprenger, Plumous Sprays	3 00@ 4 00
Boxwood, 25clb per case	7 50:

HOERBER BROS.

Wholesale Cut Flowers

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.

Store: 162 N. Wabash Ave.,

Chicago

Mention the American Florist when writing

PITTSFIELD, MASS.—Peter Sims has taken the position of superintendent at the Griswold estate.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Milwaukee, Wis.

FAIR MARKET WITH NORMAL PRICES.

With a good supply of most every line in cut flowers, and good quality, one ought to expect a little more activity in counter trade, which seems to lack ginger enough to make good business. Owing to the steady shipping trade most of the stock is cleaned up at normal prices. Freesias and Roman and Dutch hyacinths have lost in favor; also some of the other specialties, such as sweet peas, candy-tuft, snapdragons, calendulas and the like. Violets, owing to the continued cold nights, are holding out fine. Green goods, especially Sprenger, has been on the short side for some time.

NOTES.

The Holton & Hunkel Co. expects to have all their Easter lilies and other pot plants right in on time by growing same under normal conditions. Mr. Hunkel can use his right hand to a little better advantage since taken out of the plaster cast.

The A. F. Kellner Co. had the cream of the spring opening decorations of the local department stores and is busy now getting all plants in shape again. They are growing several thousand geraniums this year.

As far as we can learn, Miss Rose Semler, of the Edlefsen-Leidiger Co., and Archie McDonald, manager of Gimbel Bros.' cut flower department, are the only ones to attend the Philadelphia show.

Articles of incorporation filed at Madison, Wis., last week include the J. M. Fox & Son Co., Milwaukee; capital \$25,000; incorporators, J. M. Fox, J. F. Fox and F. T. Fox.

Gust Rusch & Co. report that the Cudahy Floral Co. will commence to cut a large crop of long-stemmed American Beauties about April 1.

The C. C. Pollworth Co. has a larger stock of blooming plants for Easter this year than ever before, and they are looking fine at this time.

The colony of retailers has been increased by Martin Christiansen, who opened a stand at Park street and Murray avenue.

Hugo Locker & Sons, of Wauwatosa, have joined the ranks of the up-to-date by acquiring a swell large auto delivery car.

Harold Baumgarten gained newspaper notoriety a short time ago by exceeding the speed limit; damages, \$26.50.

Some of those long fancy sweet peas seen in this market of late come from E. Carsten (local) and Watertown, Wis.

The Fox Point Floral Co. is now consigning some choice snapdragon and candytuft to this market.

Wm. Eschrich brought in the first of a large batch of the light blue, hardy delphiniums last week.

E. O.

BURLINGTON, VT.—W. E. Peters will remove to more commodious quarters at 128 Church street, April 15.

SPRINGFIELD, MASS.—P. M. Andrower, well known to the trade in both this city and Boston, where he was recently employed, committed suicide March 14.

Wholesale Flower Markets

BOSTON, Mar. 29.		Per 100
Roses, Beauty.....	40 00@60 00	
" Killarney Queen.....	4 00@16 00	
" White and Pink Killarney.....	4 00@16 00	
" Double White Killarney.....	4 00@16 00	
" Killarney Brilliant.....	4 00@20 00	
" Hadley.....	6 00@25 00	
" Cardinal.....	6 00@25 00	
" Mock.....	8 00@35 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	6 00@12 00	
" Milady.....	6 00@12 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	35 00@50 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@2 00	
Carnations.....	1 00@2 00	
" select.....	2 00@3 00	

BUFFALO, Mar. 29.		Per 100
Extra Special Beauties.....	35 00@40 00	
Roses, Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" My Maryland.....	6 00@10 00	
" Killarney Queen.....	4 00@8 00	
" Richmond.....	4 00@10 00	
" Sunburst.....	4 00@10 00	
" Ward.....	4 00@6 00	
" Taft.....	4 00@10 00	
" Ophelia.....	6 00@10 00	
" Francis Scott Key.....	8 00@15 00	
" Shawyer.....	4 00@10 00	
" Bon Silene.....	2 00@3 00	
Lily of the Valley.....	4 00@5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@3 00	
Snapdragons.....	6 00@10 00	
Violets.....	40 @ 50	
Yellow Tulips.....	2 00@3 00	
Daffodils.....	2 00@3 00	
Freesias.....	2 50@4 00	
Paper Whites.....	2 00@3 00	
Asparagus Sprenger.....	35 @ 50	
Ferns.....per 1000, 2 50		
Smilax.....	15 00	

CINCINNATI, Mar. 29.		
Roses, Beauty.....per doz., \$1 50@\$5 00		
" Killarney.....	3 00@8 00	Per 100
" My Maryland.....	3 00@8 00	
" Richmond.....	3 00@8 00	
" Taft.....	3 00@8 00	
Lily of the Valley.....	4 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00@7 50		
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35 @ 50	
Narcissus.....	2 00@3 00	
Sweet Peas.....	25 @ 1 00	
Daffodils.....	2 00@3 00	
Jonquils.....	2 00@3 00	
Hyacinths.....	4 00@5 00	

St. Louis.

BUSINESS BELOW NORMAL.

Quiet business characterized the market during the past week. Funeral work has been far below normal and a change in the weather has proven disastrous to transient trade. Roses and carnations are holding up well in price, but spring flowers, especially jonquils, sweet peas, freesias, violets and snapdragons are quoted very low.

NOTES.

The retail florists' association held its annual banquet at the Mission inn, March 20, and a very enjoyable time is reported by all who attended. Covers were laid for about 45 and the cabaret, which was an added feature, will not be forgotten for some time. Among the speakers of the evening were the following: H. G. Berning,

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

[WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Frank Windler, Ch. Young, Otto Koenig and Jules Bourdet.

A. Jablonsky, of Olivette, Mo., enjoys the reputation of being one of the best growers of stock in the state and his Easter lilies this year are exceptionally fine and orders are coming in well in advance. The stock will be on display at the store of H. G. Berning, the well known Pine street wholesaler.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

After the alterations, which will cost \$5,000, are made, the flower shop of Grimm & Gorly will be one of the most attractive retail establishments in any line of business in this city. F. X. Gorly is rushing the work along and expects to have everything in readiness by April 1.

George H. Angermueller, the well-known wholesale florist of 1324 Pine street, reports trade as being very satisfactory, but his stock and facilities for handling business are such that he says he can handle as much again without inconvenience.

The business at the Fred Bruenig establishment is now conducted by Mrs. Bruenig, assisted by her two daughters, who have charge of the designing. A handsome line of ferns and blooming plants are features.

Every flower shop in the downtown district had special sales of roses for \$1. These sales help to keep business up during the Lenten season.

W. A. Roe, of Kirkwood, is bringing in some very fancy stock which is attractively displayed by the Windler Wholesale Floral Co.

Theo. Mueller, of Delmar avenue, is displaying some very handsome spring plants. His windows are very attractive.

J. F. Windt, of Bayard avenue, is specializing in ferns and is advertising special sales.

J. E. H. S.

MUSKOGON, MICH.—The Luhman Floral Co. has opened a flower shop at 150 Pine street.

GRAND FORKS, N. D.—Edward O. Lovell, one of the pioneers of this city, and founder of one of the most successful florist establishments in this vicinity, is dead at the age of 75 years.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Mar. 29.	Per 100
Roses, Beauty, extra.....	50 00@65 00
first.....	20 00@35 00
Mrs. Chas. Russell.....	8 00@15 00
Killarney.....	3 00@10 00
White Killarney.....	3 00@10 00
Liberty.....	5 00@15 00
Hadley.....	5 00@12 00
Sunburst.....	4 00@12 00
Ophelia.....	5 00@12 00
Hoosier Beauty.....	6 00@20 00
Carnations.....	2 00@ 4 00
Cattleyas.....	35 00@50 00
Callas.....	10 00@12 00
Lilium Harrisii.....	12 00@16 00
Lilacs..... per bunch, \$1.00@1.50	
Sweet Peas.....	1 00@ 2 00
Snappdragons.....	8 00@20 00
Calendulas.....	4 00@ 5 00
Mignonette.....	3 00@ 5 00
Violets, single.....	50@ 75
Asparagus..... per bunch, 50	

PITTSBURGH, Mar. 29.	Per 100
Roses, Beauty, special.....	40 00
fancy.....	30 00
extra.....	20 00
No. 1.....	12 00
Killarney.....	4 00@12 00
My Maryland.....	4 00@12 00
Sunburst.....	4 00@12 00
Mrs. Aaron Ward.....	4 00@ 8 00
Richmond.....	4 00@15 00
Cattleyas.....	50 00
Lilium Gigantum.....	12 00
Sweet Peas.....	50@ 1 50
Spanish Iris.....	6 00
Daffodils.....	3 00
Tulips.....	3 00
Carnations.....	3 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch, 35@40	

MILWAUKEE, Mar. 29.	Per 100
Roses, Killarney and W. Killarney	4 00@10 00
Ward.....	4 00@ 8 00
Mrs. Chas. Russell.....	8 00@25 00
Ophelia.....	4 00@ 8 00
Hoosier Beauty.....	4 00@10 00
Lilies..... per doz., 1 50	
Cattleyas..... per doz., 6 00	
Sweet Peas.....	1 00@ 1 50
Carnations.....	1 50@ 3 00
Snappdragons..... doz., \$1 00@1 50	
Daffodils.....	3 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Mar. 29.	Per 100
Roses, Beauty, long.....	35 00@50 00
medium.....	20 00@25 00
short stems.....	8 00@15 00
Killarney.....	4 00@10 00
White Killarney.....	4 00@ 8 00
Aaron Ward.....	4 00@ 8 00
Sunburst.....	5 00@10 00
Ophelia.....	6 00@12 50
Hoosier Beauty.....	8 00@12 50
Valley.....	3 00@ 4 00
Carnations.....	3 00@ 4 00
Orchids.....	35 00@50 00
Callas.....	10 00@12 00
Lilacs.....	10 00@12 50
Rubrum Lilies.....	10 00
Asparagus Plumosus, per bu., 25@75	
Ferns..... per 1000, 3 00	
Bronze Galax..... per 1000, 1 25	



LILY.

AZALEAS

Mme. Vander Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak. All colors in bloom, 75c to \$2.50 each; specimens, \$3.00 to \$7.50 each.

SPIREAS

Gladstone and Queen Alexandra. 40c, 50c, 75c and \$1.00 each.

HYDRANGEAS

Mostly French varieties. 75c, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 each.



SPIREA.

EASTER PLANTS

LILIES

Order What You Need From Us For Our Supply
Was Never So Large Or As Fine As It Is This Year

Fine Strong Heavy Flowers. First-Class Medium Length Stock, 14 to 18 Inches High.

1500 plants in lots not less than 1000, \$100 per 1000 buds and blooms
500 plants in lots not less than 300, 110 per 1000 buds and blooms
250 plants in lots not less than 100, \$115 per 1000 buds and blooms
100 plants in lots not less than 25, 120 per 1000 buds and blooms

Short Lily Plants, 8 to 10 inches high, 4 blooms, 40c; 5 blooms, 50c; 6 blooms, 58c; 7 blooms, 65c.

Lilies in Pans, made up, with 12 or more blooms, 12 cents per bloom or bud.

POT ROSES

Polyantha or Baby types.
Erna Teschendorff, Phyllis, Baby Ramblers, Mad. Jules Gauchault, Jessie. 40c, 50c and 75c each.

CLIMBERS

Tausendschon, Hiawatha, Dorothy Perkins, Lady Gay. \$1.00, \$1.50, \$2.00, \$2.50, \$3.00, \$3.50 and \$5.00 each.

AMERICAN BEAUTIES

In 5½ and 6-inch pots, 35c and 50c each.

RHODODENDRONS

Best varieties. \$1.00, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each.

HYACINTHS

In all colors, 4-inch at 10c each.

HYACINTH BULBS

In Pans, 30c, 40c, 50c and 60c each.

TULIPS

In Pans, 25c, 35c and 50c each.

DOUBLE DAFFODILS

VON SION—25c, 35c and 50c each.

BEGONIA CHATELAINE

2½-inch pots \$3.50 per 100.
3-inch pots, 8.00 per 100.

CYCLAMEN

4-inch, \$2.50 per dozen.

PANDANUS VEITCHII

3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each.

TABLE FERNS

3-inch, \$5.00 per 100.

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2½-in. plants
McNiece.....	100 \$2.50	100 \$2.75
Enguehard.....	250 22.00	250 27.00
Maud Dean.....	250 22.00	250 27.00
R. E. Loeben.....	250 22.00	250 27.00
Patty.....	250 22.00	250 27.00
Wells Late Pink.....	250 22.00	250 27.00
Chieftain.....	250 22.00	250 27.00

WHITE—	Rooted Cuttings	2½-in. plants
October Frost.....	250 \$18.00	250 \$25.00
Vir. Pochlmann.....	250 18.00	250 25.00
Chas. Razer.....	250 18.00	250 25.00
Elise Papworth.....	250 18.00	250 25.00
W. H. Chadwick.....	250 18.00	250 25.00
Timothy Eaton.....	250 18.00	250 25.00
Lynwood Hall.....	250 18.00	250 25.00
Smith's Ideal.....	250 18.00	250 25.00
Allice Salomon.....	250 18.00	250 25.00

YELLOW—	Rooted Cuttings	2½-in. plants
Golden Glow.....	250 \$18.00	250 \$25.00
Chrysolora.....	250 18.00	250 25.00
Bonafon.....	250 18.00	250 25.00
Yellow Eaton.....	250 18.00	250 25.00
Yellow Salomon.....	250 18.00	250 25.00

BRONZE—	Rooted Cuttings	2½-in. plants
O. H. Kahn.....	250 18.00	250 25.00
RED—	Rooted Cuttings	2½-in. plants
Schrimpton.....	250 18.00	250 25.00

POMPONS

WHITE	2½-in. plants
Alva (large early).....	100 \$3.50
Kemmitt (medium double).....	100 32.00

YELLOW—	2½-in. plants
Krut (large early).....	350 32.00
Mike Gabel (large).....	350 32.00
Skibo (early bronze & yel. button).....	350 32.00
Big Baby (button).....	350 32.00
Madge (large).....	350 32.00
Klondyke (large).....	350 32.00
Quinola (bright late yellow).....	350 32.00
Baby (small button).....	350 32.00

PINK—	2½-in. plants
Lillian Dotty.....	350 32.00

BRONZE—	2½-in. plants
Madam La Porte.....	350 32.00
Mrs. Frank Beu.....	350 32.00

RED—	2½-in. plants
La Graver.....	350 32.00



BOXWOOD

BUSHES

Each	Each
12-in. in burlap.....	35c in tubs or pots.....
15-in. in burlap.....	35c in tubs or pots.....
18-in. in burlap.....	35c in tubs or pots.....
20-in. in burlap.....	35c in tubs or pots.....

PYRAMIDS

Each	Each
2½-feet in burlap.....	\$1.75 in tubs.....
2½-feet in burlap.....	2.00 in tubs.....
3-feet in burlap.....	2.50 in tubs.....
3½-feet in burlap.....	3.00 in tubs.....
4-feet in burlap.....	3.25 in tubs.....
4½-feet in burlap.....	4.00 in tubs.....

BALL OR GLOBE

Each	Each
12x12 in tubs.....	1.00 in burlap.....
15x15 in tubs.....	1.50 in burlap.....

GRAFTED AND OWN ROOT ROSE PLANTS

American fine lot, 2½, per 100	Heantes, Per 1000	2½-in. Grafted Root Per 1000	2½-in. Own Root Per 1000	2½-in. Grafted Root Per 1000	2½-in. Own Root Per 1000
Russell.....	\$120.00	None	None	None	None
Killarney.....	100.00	56.70	56.70	100.00	56.70
White Killarney.....	100.00	56.70	56.70	100.00	56.70
Killarney Brilliant.....	100.00	56.70	56.70	100.00	56.70
Ward.....	100.00	56.70	56.70	100.00	56.70

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

Leaves	Each
4 inch pots 6-8 16-18 inch high	\$ 4.50
4 inch pots 6-8 16-18 inch high	40
6 inch pots 6-7 24 inch high	1.00
6 inch pots 6-7 28-30 inch high	1.50
6 inch pots 6-7 32-34 inch high	2.00
8 inch tubs 6-7 36-38 inch high	3.50
8 inch tubs 6-7 40-42 inch high	6.00
8 inch tubs 6-7 44-46 inch high	7.00

FORSTERIANA MADE-UP PLANTS

Plants	Each
7 inch tubs 4 36 inch high	\$ 2.50
7 inch tubs 4 38 inch high	3.00
8 inch tubs 4 38-42 inch high	3.50
8 inch tubs 4 48-50 inch high	5.00
8 inch tubs 4 52-54 inch high	6.00
10 inch tubs 4 56 inch high	8.00
12 inch tubs 4 60-64 inch high	10.00
12 inch tubs 4 6½ feet high	12.00
12 inch tubs 4 6½-6 feet high	15.00
15 inch tubs 4 6-6½ feet high	\$18.00

Specimens, heavy, \$35.00, \$40.00.

FORSTERIANA SINGLE PLANTS

Leaves	Dos.
4 inch pots 5-6 18-20 inch high	\$ 4.50
4 inch pots 5-6 18-20 in. high ea.	40
6 inch pots 6 28-30 in. high ea.	1.00
6 inch pots 6-7 34-36 inch high	1.50

Leaves	Each
6 inch pots 6-7 38-42 inch high	2.00
7 inch tubs 6-7 40-44 inch high	2.50
8 inch tubs 6-7 5 feet high	6.00
10 inch tubs 6-7 5-5½ feet high	8.00
10 inch tubs 6-7 5½-6 feet high	10.00

PHOENIX ROEBELEII

Leaves	Each
3 inch pots, nicely characterized, doz.	\$3.50
5 inch pots 15 inch high	20 \$1.00
6 inch pots 18 inch high	24 1.75
7 inch pots 28 inch high	34 2.50
8 inch tubs 30 inch high	36 3.50
10 inch tubs 35 inch high	42 \$5.75

DRACAENAS

Dracaena Godseffiana, \$6.00 per 100.	Each
6 inch pots Dracaena Amabilis.....	\$1.25
6 inch pots Dracaena Baptistii.....	1.25
5 inch pots Dracaena Imperialis.....	1.25
5 inch Dracaena Terminalis.....	\$6.00 per doz.
6 inch pots Dracaena Massangeana.....	\$1.00 to \$1.25

DIFFENBACHIA AGLAONEMA

MAGNIFICA	PICUM
5 inch.....each \$0.75	5 inch.....each \$0.75
6 inch.....each 1.00	6 inch.....each 1.00

ARECA LUTESCENS

Each	Each
6 inch pots 4 plants.....	\$1.00
6 inch tubs, 5 plants, 44-46 in. high	\$4.50

LIVISTONA ROTUNDIFOLIA

Each	Each
4-inch pots, strong.....	\$0.50 each
5-inch pots.....	.75 each



RAMBLER ROSE.

KENTIAS



KENTIA.

POEHLMANN BROS. CO.
72-74 E. Randolph St.,
Long Distance Phone, Randolph 35. CHICAGO, ILL.

New York.

TRADE VERY UNSATISFACTORY.

The early days of the past week were very discouraging, both to the wholesale and retail trade, on account of bad weather. The man who talks or writes about the weather may be a bore, but weather conditions are a big factor in the florist business. The majority of our citizens who can afford dinners, luncheons and similar entertainments that call for flowers seem to be at Palm Beach or other southern resorts; at least, if there is any number of them here, they are observing Lent, in seclusion. Whatever may have been said or written to the contrary, the vast majority of the citizens of New York have, in cold weather, enough worries in keeping warm and getting comfortable meals. We all admire the good, the true and the beautiful, but we hate to go cold and hungry. Roses have been, with practically all other stocks, very slow. American Beauties are down to \$30 and \$35 per 100, or at that rate for the best. Gardenias are positively a drug, long stemmed stock having sold as low as 50 cents per dozen on March 25. That, of course, was surplus stock, but there is a vast amount of it about, there being a very light demand even for the fresh stock. Orchids and lily of the valley are also very slow. If there is any choice it is probable that the tulips and narcissus, if they are good, are moving better than the bulk of other stock, although there seems to be a surplus of yellow. Sweet peas of the best quality are moving, but inferior stock has no chance. Violets are an almost impossible proposition.

March 27.—Stock is moving this morning, but at reduced prices, and as the weather for the past three days has been spring-like, we look for a great increase in the supply of stock and consequent dullness.

NOTES.

The Flatbush, Brooklyn, plantmen will be well stocked for Easter. At the range of Peter Wagner we found a great stock of both foliage and flowering plants. He makes a specialty of ferns, but also grows a great variety of other stock. Louis Schmutz Sr. and Jr., have a particularly fine stock of giganteum lilies and a great variety of other stock. They are now taking large orders for lilies for future delivery. G. Messeberg grows both cut flowers and plants. His cut flowers include carnations, callas and other stock. He has also a fine stock of lilies coming on for Easter. Among his plants we noticed a finely flowered lot of cinerarias. Genistas and pot roses are also noteworthy, and in foliage plants, evonymus and dracenas. At the John Scott range, the home of the Scottii fern, we found a great stock of this popular fern, both in large and small sizes. Dracenas, lilies, Magna Charta roses and a great variety of other plants are also noteworthy. Manager Boyd, of the D. Y. Mellis range, has a great stock of bedding plants coming forward. Cemetery work is a large part of the business at this range, and they are always well prepared for it.

M. Plunkett has taken the retail store at 198 Flatbush avenue, Brooklyn, for many years conducted by T. M. Langton, and has fitted it up in good shape. Mr. Langton was compelled to give up business several months ago on account of blood poisoning in one of his hands. One finger has been amputated and the wound heals very slowly.

Peter Wenk, of Ozone Park, L. I., was calling on florist friends of Brooklyn, March 24. He has a fine range at Ozone Park and has recently bought a farm of 45 acres at Garden City.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Plps.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

He plans to plant three acres in peonies this season, and will also put in a great variety of nursery stock.

Mrs. Charles Atkins, of Rutherford, N. J., died March 25 after an operation. Her husband, who is a brother to Fred Atkins, of Bobbink & Atkins, holds a responsible position with that firm. She was an estimable woman and we extend our sympathy to the bereaved husband and children.

The annual ball of the Florist Chauffeurs' Association will be held at Bryant hall, 723 Sixth avenue, Saturday evening, April 1. Badges can be had March 31 and April 1 at Guenther Bros., 110 West 28th street. Tickets admitting gentleman and one lady are 50 cents.

Wm. Hay, of Providence, R. I., and family were in this city March 25, en route to the National Flower Show. Mr. Hay visited his old friend, J. K. Allen. E. S. Miller, of Wading River, N. Y., was a visitor March 25.

Considerable interest is being manifested in the Philadelphia flower show and it is probable that there will be a large delegation from this city March 28.

Charles Millang has taken another store just across the street from the Coogan building and put in a fine stock of hardy evergreen plants.

J. C. Vaughan was at his New York store March 24-25, going to Philadelphia on the latter date for the opening of the show.

W. H. Elliott and son, of Boston, were in this city March 27, enroute to the National Flower Show at Philadelphia. A. F. F.

Windsor, Ont.

A feature of the meeting of the Windsor Horticultural Society held March 24, was the address of the Rev. G. W. Tebbs, who told his audience of about 300 horticulturists of this city and suburbs what can be done in the way of beautifying vacant lots and the parks and boulevards of cities. His address contained much valuable information and was full of encouragement for the novice and inexperienced gardener. The address was illustrated with splendid lantern slides showing the subjects in natural colors.

J. E. K.

Bowling at New York.

The following scores were rolled by the New York Florists' Bowling Club, Thursday evening, March 23:

Fenrich	149	157	163
C. W. Scott	162	180	162
W. P. Ford	150	148	157
Jacobson	143	146	153
Schneman	102	131	
John Donaldson	169	181	164
Miesem	187	183	187
Riedel	149	157	171
Kakuda	146	164	151



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

Washington.

FAIR BUSINESS WITH HEAVY SUPPLY.

Business is good but the supply in cut flowers is far greater than the demand. Roses are plentiful, and the same holds true with carnations. Bulbous stock is not as good as in former years, but the demand is not heavy. Gardenias and orchids hold firm in price; in fact, they are the only flowers that are not plentiful. Snapdragons are extra fine and meet with ready sale.

NOTES.

Dave Bissett is cutting more single violets than the local trade can dispose of, and has had to get the assistance of the wholesalers in disposing of the stock.

This city was well represented at the Philadelphia show. Practically every florist in this city attended, many going on the florists' special train.

Geo. C. Shaffer has been exceptionally busy during the past week with funeral work and numerous decorations.

Gude Bros. Co. are cutting some extra fine Mock roses at present; also some very good carnations. G. C. D.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of all the NEW ROSES.
Carnations, Sweet Peas,
Azaleas, and other
EASTER PLANTS
 and Everything in Cut Flowers.
 Consignments Solicited.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
 20 Years' Experience.

D. C. ARNOLD & CO., Inc.
Wholesale Florists
112 W. 28th St., NEW YORK
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 CONSIGNMENTS SOLICITED.
 Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Mar. 29.	Per 100
Roses, Beauty, special.....	30 00@35 00
" extra and fancy.....	20 00@25 00
" No. 1 and No. 2.....	5 00@ 8 00
Prima Donna, special.....	5 00@15 00
Alice Stanley.....	2 00@ 8 00
Francis Scott Key, special..	8 00@10 00
Mrs. Geo. Sawyer.....	2 00@ 8 00
White Killarney, special....	8 00@10 00
Killarney, My Maryland....	6 00@ 8 00
" special.....	2 00@ 3 00
" No. 1 and No. 2.....	3 00@10 00
" Queen.....	2 00@ 8 00
" Brilliant.....	3 00@12 00
Aaron Ward.....	2 00@ 8 00
Richmond.....	2 00@10 00
Sunburst.....	3 00@10 00
Taft.....	2 00@10 00
J. L. Mock.....	2 00@10 00
Hadley.....	4 00@25 00
Ophelia.....	2 00@10 00
Mrs. Chas. Russell.....	2 00@10 00
Hoosier Beauty.....	2 00@ 8 00
Cattleya Orchids, special.....	35 00@40 00
inferior grades.....	15 00@20 00
Lilies, Longiflorum and Harrisii..	6 00@ 8 00
Lily of the Valley.....	1 00@ 3 00
Carnations.....	2 00@ 3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 40@ 3 00
Smilax.....doz. strings..	1 00@ 1 25
Gardenias.....per doz.,	50@ 2 00
Violets, single.....	40@ 50
double.....	25@ 35
Sweet Peas, orchid flowered.....	1 00
common.....	15@ 25
Mignonette.....per doz., 50c@\$1.00	
Pansies, cut.....	20@ 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Tulips.....	1 25@ 3 00
Flamingo.....	3 50@ 4 00
White Lilac.....per bunch, \$0.75@\$1.50	
Snapdragons.....per doz.,	75@ 1.25
Callas.....per doz.,	1.00@ 1.25

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Manus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

WHOLESALE
 FLORISTS

 54 WEST 28th St. New York
 Consignments Solicited



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	38x10x5.....	" 9.00
30x5 x3½.....	" 3.80	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

New York's Belated Spring.

Spring, with that nameless pathos in the air which, it is alleged, dwells with all things fair; spring, with her reputed golden sun and supposed silver rain, is with us, according to the weather bureau and Hood's Sarsaparilla almanac.

Not only do these two authorities insist that the vernal season is upon us, but the spring-poets say so, too, in lyrics which were written last November for the May magazines, now on sale. According to them, spring, "a hoyden girl, all wreathed in daffodils, runs with light feet along the Avenue."

If she did it yesterday she wore galoshes and sucked a menthol lozenge. Furthermore, she must have run so fast that she accomplished her entire course in less time even than it took the last St. Patrick's day parade to pass a given point. No one saw Spring in New York yesterday. She denied herself to reporters and refused to issue any statement. Probably she remained in her room at a hotel, with her feet in a foot tub. Daffodils were no clothing for yesterday's climate, anyway.

If Spring was not in seclusion here, nursing influenza, she was mired waist deep in the snow and mud somewhere between St. Augustine and Trenton. The spots where she always lingers on her yearly coming to Manhattan knew her not.

No stenographers brought their luncheons into St. Paul's churchyard yesterday, to sit on the benches and thrill under the warm sun. Two inches of snow covered the old graveyard, deserted save for the ancient tombstones, leaning at discouraged angles, and a few disgruntled sparrows, which perched on the wet seats and swore at each other and the weather.

In the raw air Washington square retained the chill black and white of severe respectability. Garibaldi was the sole person who lingered there, and even he failed to look comfortable with his shirt collar full of snow water. Over the windows of his garret—that Parnassus of Greenwich Village—Bruno had drawn close the thick curtains of a mustard yellow, which doubtless served to convey some futuristic emotion to the educated mind and also to shut out the dismal view of pavements smeared with mud and grass plots plastered with slush.

And Union square, where Mr. Van Dyke has asserted metrically that tulips bloom in spring, had taken upon itself the appearance of a slightly used chocolate sundae. Brown mud bespattered the snow, and snow still clung to the shallow swamps which were once sidewalks. A few of the park's optimistic population, who ever wait in the hope that some one will drag them by force to advantageous employment, still lingered with expressions of high resolve such as Admiral Peary might have worn on his way to the pole.

Fifth avenue was a dark wet smear running through the city. On it the war-worn mercenaries of Fetherston were still laboring to push the festive snow shovel and in the sewers of spring the winter garment of Manhattan fling.—New York Tribune.

Cincinnati.

MARKET SUFFERS FROM OVERSUPPLY.

Stock has become very plentiful, and as a result we have the usual crowded Lenten market. The demand for stock is fair, but prices are so reasonable that it takes many sales to make them run into money. The rose supply is very large and carnations have become so plentiful that the supply is exceeding the demand. Easter lilies, however, are on the short side of the market, and the few good ones that come in clean up readily. Callas and rubrums are in a fair supply. The same is true of daffodils, jonquils, tulips and Duluth hyacinths. Sweet peas are very plentiful. Lily of the valley is in a heavy supply, but meets with a poor market. Other offerings include snapdragons, mignonette and orchids.

NOTES.

E. A. Foster is moving his store from the old location on Fourth street, near Plum, to the shopping district on Fourth, near Race street.

The J. M. McCullough & Sons Co. has discontinued its cut flower and florist supply departments.

E. G. Gillett's wire department has been extremely busy with designs as well as wire baskets.

R. D. Ruttle, of Covington, Ky., now has a Ford truck for the delivery end of his business.

Chas. L. Baum and his son, Carl, stopped in this city on their way to Philadelphia.

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter **Spring Planting**
Mother's Day **Memorial Day**

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss \$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

Visitors: President Daniel MacRorie, of the Society of American Florists, San Francisco, Calif.; Julius Dilloff, representing Schloss Bros., New York; H. Cheeseman, representing Ralph M. Ward, New York, and Mrs. Floyd Anderson, Xenia, O. H.

Albany, N. Y.

Among those who left from this city and vicinity early in the week to attend the national flower show at Philadelphia are: Frederick A. Dancker, Frederick Henkes, Edward P. Tracey, Thomas F. Tracey, and William C. Gloeckner of Albany; Matthew Mulholland and James G. Barrett of Troy; Frank Hoteling, Amsterdam; Dale Carpenter, Cohoes; Joseph Traudt, Canajoharie; and J. O. Graham, Little Falls. Edward P. Tracey will act as one of the judges at the show.

Edward F. Meany, formerly one of the proprietors of The Rosery, 23 Steuben street, is at Atlantic City for the benefit of his health. R. D.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

and T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Ohio.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

CHICAGO.

D. F. SIMONDS

J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

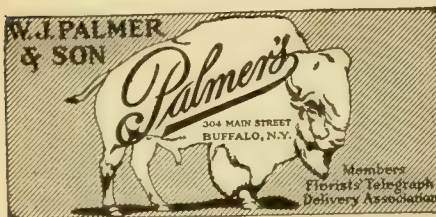
—OR—
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



NEW YORK, N. Y.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

PHONES:
1501 and L1582

Members of Florists' Telegraph Delivery.

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
Eviden Bros. Co., Williamsport, Pa.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 11 N. Pearl St., Albany, N. Y.
J. M. Fox & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fettes, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
J. S. Wilson Floral Co., Des Moines, Iowa.
Wittbold, G. Co., 737 Buckingham Pl., Chicago.
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Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



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D. C.

Meet us at the National
Flower Show, Philadel-
phia, Mar. 25th to April
2nd. We will be pleased
to greet you.

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Members of Florists' Telegraph Delivery.

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The Park Floral Co.

J. A. VALENTINE,
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PAUL M. PALEZ

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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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IN THE CENTER OF IOWA



J. S. Wilson Flora Co.

cover all points in Iowa.

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Seattle's Leading Flower Shop
1536 SECOND AVE.

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KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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EUCLID AVENUE

Members of Florists' Telegraph Delivery.

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Blackstone

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Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

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Colonial Florist

S. E. Cor. 157th St. and Broadway

Telephones—5822 Audubon, 1767 Audubon and
1125 Morningside.

4 Stores.

C. SAKELOS, Prop.

Mail, telegraph or telephone orders promptly filled

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

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Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
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Kansas City, Mo.—A. A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
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Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
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New York—Alex. McConnell, 611 5th Ave.
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New York—G. Sakelos.
New York—Henry Hart, Inc.
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New York—Thos. F. Galvin, Inc.
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New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
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San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinel & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
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firms below, the Leading Retailers in the cities indicated
on Wire, Phone or Mail Orders.

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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

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J. M. Fox & Son, Inc.

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Members Florists' Telegraph
Delivery Association.

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NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

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Send your orders for Chicago and Suburbs to



Schiller The Florist
222-223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.
Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman
(Successor to Geo. A. Hehl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross
Orders properly cared for.
Member Florists' Telegraph Delivery.

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200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

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THINK OF HEINL'S

St. Louis, Mo.

Grimm & Gorly
WIRE

KANSAS CITY, MISSOURI.

Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n

CHICAGO
Wangel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist
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Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.
Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
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FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers
Portland Flower Store
631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan
Mention the American Florist when writing

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F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.
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HEATHER!

Our Stock of ERICAS is Exceptionally Fine.

We offer the following **ERICAS** for growing on for next Xmas blooming. Delivery now. They should be potted into 5 and 5½-inch pots on receiving them, placed in a cool house and plunged outside by May 1st to May 20th.

Blooms Xmas, **Erica melanthera**, from 3 and 3½-inch pots, \$15.00 per 100, white brown eye bell.
 Blooms Xmas, **Erica regerminans**, from 3 and 3½-inch pots, \$15.00 per 100, light lavender bell.
 Blooms October, **Erica gracilis vernalis**, from 3 and 3½-inch pots, \$15.00 per 100, dark pink bell.
 Blooms February, **Erica cotonoides Veitchii**, from 3½-inch pots, \$12.00 per 100, white bell.
 Blooms March-Easter, **Erica persoluta rosea**, from 3 and 3½-inch pots, \$15.00 per 100, pink bell.
 Blooms Xmas, **Erica President Carnot**, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.
 Blooms Xmas, **Erica President Felix Faure**, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.
German Myrtle Bridal, from 3-inch pots, \$20.00 per 100.
Chorizema cordata, from 4 and 4½-inch pots, \$25.00 and \$30.00 per 100, flower color of wall flower, sweet pea shaped.

ARDISIA CRENULATA

Our stock is exceptionally fine, from 8 to 14 branches. they will produce a bunch of fine red berries on each branch. Ready for 5 to 6-inch pots. Get them now.

From 4 and 4½-in. pots, 8 to 10 branches, \$50.00 per 100. From 5 and 5½-in. pots, 10 to 14 branches, \$75.00 per 100.
Phoenix Roebelenii, ready for 4½-inch pots from 3-inch, \$20.00 per 100.

Charges for Packing at Cost. All Plants Shipped Out Of Pots.

ANTON SCHULTHEIS

COLLEGE POINT, N. Y.

Grafted Roses

All the best varieties,
 December propagation;
 now ready, in 3-inch
 pots.

Splendid Stock.

Charles H. Totty
 Madison, N. J.

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BEGONIA BEGONIA

Luminosa Erfordii

SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

Mention the American Florist when writing

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengeri, 2 inch..... 3.00 per 100; 25.00 per 1000
 " 3 inch.....\$5.00 per 100 (heavy)
Achyranthes Herbsti, dwarf, bright red.....\$4.00 per 100
Boxwood, full list of sizes now on hand.
CARNATIONS. Established pot plants at rooted cutting prices. **Enchantress**, **White Enchantress**, **Matchless**, **Rose Pink Enchantress**, **White Wonder**, **Philadelphia**, \$3.00 per 100; \$25.00 per 1000.
Dracaena Terminalis, fine stock, well colored, 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.
FERNs. **Boston**, fine stock, 2¼ inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.
Fine Teddy, Jr., 2¼ inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 4 inch pots, \$20.00 per 100.
BEGONIAS. **Gracilis**, **Luminosa**, **Prima Donna** and **White Triumph**, 2 in pots, \$2.50 per 100
Azalea Mollis, mixed colors, 15 to 18 inches high.....at 35c
Heliotrope, 2¼ inch, purple in variety.....\$3.00 per 100
English Ivy, strong, 4 inch.....\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

20,000 CECILE BRUNNER

(SWEETHEART)

EXTRA STRONG, FINE PLANTS.

100 for \$3.00; 1000 for \$25.00; 5000 for \$100.00.

Guarantee express charges not to exceed \$2.50 per 1000 plants in 1000 lots or more. Send dollar for sample if you question quality. See PREVIOUS issues for almost give away prices on large list of varieties.

California Rose Company,

Pomona, Calif.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

BULBS are going well.

ONION SETS are in strong demand.

EARLY planting has begun in Jersey.

SHORT items remain about as already stated in our columns.

COUNTER trade at New York shows considerable improvement this week.

L. L. MAY, of St. Paul, Minn., who has been on the sick list recently, is at Pass Christian, Miss., for a brief vacation.

CHICAGO.—Prices for grass seed on the Board of Trade, March 29, were as follows: Timothy, \$5.00 to \$7.50 per 100 pounds.

COLUMBUS, O.—The Livingston Seed Co. reports trade is as good as last year's to date. Yellow Globe onion is in strong demand.

PHILADELPHIA, PA. — The Front street seed trade, Buist, Simon and others, report wholesale demand strong, a belated spring rush being on.

GLOXINIA roots are on the short scarce list with tuberose bulbs. Demand for cannas continues good and stocks of popular varieties are being rapidly reduced.

THE Philadelphia Ledger says a carrot seed order amounting to about 4,500 pounds is to be given for planting in Florida to help fill the soup cans for a war contract.

WARM weather at Chicago March 25, the thermometer registering 71 degrees, settled the case of the sets and now the dealers are figuring losses of the disastrous 1915-16 season.

EASTERN mail order seed houses are disappointed in March business. The opinion prevails that the top of the season passed March 20 and that lost business will be hard to recover.

VISITED CHICAGO: Mrs. A. J. Brown and Hirschel Brown and wife, of Grand Rapids, Mich.; A. T. Ferrell, Saginaw, Mich., enroute to California, whence he expects to return with his family about April 7.

THE following is the latest list of garden seeds which may not be exported from Germany: Peas, beans, spinach, lettuce, endive, cucumber, onion, leek, kohlrabi, carrot, cabbage, turnip, dill, sweet marjoram and Swiss chard.

SEED sweet corn at wholesale has taken a jump of 40 per cent or more. Field seed corn of mixed types will, if grown in the locality where needed, have to be used more generally. More than half the seed used in the west will be of the 1914 crop.

GERMAN catalogues recently received have a notice printed in conspicuous type stating that seeds of legumes sold by dealers are sold with the distinct understanding that the seed is to be used for sowing only, a heavy penalty being imposed if the beans are sold for food.

BELLINGHAM, WASH.—P. H. Dorsett and Dr. David Griffiths of the bureau of plant industry, Washington, D. C., arrived here March 22 and in the company of Supt. Henry Juenemann inspected the government bulb gardens. The lease of these gardens expires shortly and there is considerable doubt as to whether it will be renewed.

THE Western Cannery Association met at the Hotel Sherman, Chicago, March 23. Arnold Ringier, representing the W. W. Barnard Co., and S. F. Leonard, J. C. Leonard, E. S. Leonard and A. H. Smith, representing the Leonard Seed Co., were in attendance, also Wm. C. Langbridge, of the Jerome B. Rice Seed Co., Cambridge, N. Y. It is said there were some extensive operations in sweet corn.

MONTREAL, QUE., March 22.—Vice-President Bury of the Canadian Pacific, who is out west, telegraphed here today that spring plowing will start south of MacLeod and at Crow's Nest by the end of this week, and should be general next week. Some plowing has already been done at Taber, Alberta, and it is expected that plowing will be general around Lethbridge by March 24. There should be a great deal of plowing done throughout southern Alberta next week.

French Seed Grower's Heavy Punishment

Marius Lombard, familiarly called Father Lombard at St. Remy, appeared before the military tribunal of the fifteenth district. Mr. Lombard is 71 years old. Before the war he sold teasels to Germany. Then came the war, which interrupted the trade. But if Mr. Lombard was unable to ship teasels to Germany, he found an outlet in Holland and Switzerland. This had never happened before. An inquiry showed that the parties who received, either in Holland or in Switzerland, the teasels from Mr. Lombard were old German clients. The latter had installed themselves in Holland and Switzerland and forwarded to Germany the shipments of teasels made to them by Mr. Lombard. These are the facts which led to Mr. Lombard's prosecution.

Before the judges Mr. Lombard pleaded he acted in good faith and

that he thought he was trading with neutrals and not with Germans. Unfortunately for him, a confidential letter addressed to one of his friends in Switzerland had come into the possession of the authorities. "The Germans," he said in substance, "have some agents abroad. These agents pay cash for goods shipped them. In Holland a party named Jules Schmidt is, I think, one of these agents. I have shipped him some teasels. I believe there are in your city of Zurich some similar agents, namely Paul Straberger and Poncet. You would render me a service by obtaining some information about them."

The information was undoubtedly favorable, for Mr. Lombard soon commenced business. Other letters were incriminating and representatives of the government demanded such punishment as would tend to prevent similar offenses. Mr. Lombard was sentenced to two years in prison, fined 20,000 francs and deprived of civil and civic rights for 10 years.

Tulip Bulbs Tariff.

On January 28 the United States court of customs appeals in Washington held that the provisions for tulips in paragraph 210 of the tariff act of 1913 was intended by congress to cover cut tulip flowers and growing tulip plants and that tulip bulbs were relegated for classification to the residuary provision for bulbs carrying duty at 50 cents per thousand. The court of customs appeals is final in the case, but the government decided to make up a new case and place the matter once more before the customs court. This new case was tried before the board of appraisers at New York March 22. The government produced testimony to show that tulip flowers on account of their fragility could not be imported, but the importers showed that cut tulip flowers were regularly shipped long distances and that cut tulip flowers had actually been imported into the United States, arriving in good condition. The case is now pending before the board of appraisers for decision. After the board's decision is rendered an appeal lies to the United States court of customs appeals at Washington.

KEOKUK, IA.—Plans are being made by the Gate City Seed Co. to rebuild its establishment which was recently destroyed by fire.

Cold Storage Forcers
Lily Bulbs and Valley
Always in stock.
Vaughan's Seed Store
CHICAGO NEW YORK

Pieters-Wheeler Seed Company
Growers of
High Grade
SEED
Gilroy,
California
Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.
Mention the American Florist when writing

Braslan
Seed Growers
Company
SAN JOSE, CALIFORNIA
Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.
Mention the American Florist when writing

TAKE ADVANTAGE of the LARGEST AUCTION SALES in THE HISTORY OF AMERICA

of RHODODENDRONS, ROSE BUSHES, EVERGREENS, BOXWOODS, ETC.

SALES start at eleven o'clock A. M. each TUESDAY and FRIDAY

THE MACNIFF HORTICULTURAL COMPANY

The Largest Horticultural Auction Rooms in the World.

52, 54 and 56 Vesey Street., New York

VALLEY

FROM STORAGE

Bruns' Celebrated Chicago
Market Brand, Crop 1915.

\$20.00 per 1000, \$10.50
per 500. \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa.....	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snapdragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Splendens.....	.15 1.00	Verbena, Mammoth.....	.15 1.00
Salvia Fireball.....	.30	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
New York

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Strictly Fresh Greenhouse Grown Asp. Plumosus Nanus Seed

\$3.50 per 1000;

10,000 at \$3.00 per 1000.

Write for prices on larger quantities.

Strictly fresh Lath House
(Southern grown)

Asp. Plumosus Nanus Seed

\$2.00 per 1000;

10,000 at \$1.50 per 1000.

Write for prices on larger quantities.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

Western Seed & Irrigation Co.

Wholesale Seed Growers

Offer high test 1914 Seed Corn

YELLOW DENT:

Pride of the North King of the Earliest
Reid's Early Funk's Early 90 Day

WHITE DENT: Iowa Silver Mine.

Write or wire for prices.

Fremont, - - Nebraska

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

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GLADIOLUS BULBS AND BULBLETS.

Planting stock of Mrs. Francis
King, Augusta and America,
carefully grown and true to
label. Third, fourth and fifth
size bulbs at lowest thousand
rates. We are headquarters
and bulbs bought from us when
matured will bring pedigree
stock prices.

Vaughan's Seed Store,
CHICAGO. NEW YORK.

Mention the American Florist when writing

KING HUMBERT CANNAS

The best Bronze Leaf Orange Scarlet, 30c doz., \$2 per 100,
\$4.38 per case of 250, \$17.50 per 1000

CRIMSON AND SCARLET CANNAS

	Case of		
	Per 100	250	1,000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
Brandywine, 4½ ft. deep crimson bronze foliage 2.75	6.25	25.00	
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
David Harum, 3½ ft. vermillion bronze foliage 2.75	6.25	25.00	
Duke of Marlboro, 4½ ft. glowing crimson... 1.50	3.50	14.00	
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Beaute Poitevine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon. 2.75	6.25	25.00	
Fuerst Bismarck, 4 ft. rich scarlet crimson... 1.50	3.50	14.00	
Grand Chancellor Bulow, 3 ft. crimson scar- let, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scarlet 2.25	5.00	20.00	
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Meteor (Boddington variety), 4 ft. Deep crim- son	18.00	43.75	175.00
Musafolia, 5 ft. Green leaves for foliage ef- fect only	1.50	3.50	14.00
Tarrytown, 3½ ft. Crimson.....	2.00	4.38	17.50

CANNAS, White and Cream Shades

Alsace, 3½ ft. Creamy white.....	2.25	5.00	20.00
Mont Blanc Imp. 3½ ft. Almost a pure white	3.75	8.75	35.00

All the above in strong fresh dormant roots, 2 and 3 eyes each. For fuller descriptions and more complete list of Cannas and all other Spring Bulbs, send for new wholesale catalogue now ready.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen
128 CHAMBERS STREET - - NEW YORK

YELLOW AND ORANGE CANNAS

	Case of		
	Per 100	250	1,000
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00
Indiana, 6 ft. golden orange striped red.....	1.35	3.00	12.00
Kanzleiter, 3½ ft. pure light yellow.....	1.50	3.50	14.00
R. Wallace, 4½ ft. canary yellow, free. Bet- ter than Florence Vaughan	1.50	3.50	14.00
Wyoming, 7 ft. purple foliage, orange flowers 1.50	3.50	14.00	
Indiana, 6 ft. Golden orange, striped.....	1.35	3.00	12.00
Wyoming, 7 feet. Purple foliage, flowers orange	1.50	3.50	14.00

GOLD-EDGE VARIETIES

America, 5 ft. crimson gold band.....	1.35	3.00	12.00
Allemanina, 4 to 5 ft., green foliage, scarlet and yellow	1.35	3.00	12.00
General Merkel, 4 ft. the best scarlet gold edge sort.	1.65	3.75	15.00
Gladiolora, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow	1.50	3.50	14.00
Mad, Crozy, 5½ ft. vermillion gold border.. 2.25	5.00	20.00	

PINK FLOWERING CANNAS

Mile. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large. 12.00	27.50	110.00	

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

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CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Always mention The American Florist
when writing. : : :

GLADIOLI

All First Size Bulbs.

Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....		\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....		10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....		12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....		15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....		18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
3-in. pot.....	5.....	12.....		2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.
1000 seeds, finest mixed.....25c
1 oz.\$2.25

Price list on application.

Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDSBORO, N. J.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm.

Bristol, Pa.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

Bulbs for Florists and Seedsmen

GLADIOLUS

Grown in the U. S. by Vaughan's
Seed Store

AMERICA, Extra, 2¼ to 3-in., thick heavy bulbs

Per 100 Per 1000

AUGUSTA, Extra, big ones like above.....

15.00

America, 1st size.....

\$1.25 10.00

Augusta, 1st size.....

1.25 10.00

Chicago White, 1st size.....

3.00 25.00

Mrs. Francis King, 1st size.....

1.25 10.00

Principis, 1st size.....

2.50 22.00

Mrs. Frank Pendleton, 1st size.....

9.00 85.00

Niagara, 1st size.....

4.50 40.00

Panama, 1st size.....

4.00 35.00

Primulinus Sunbeam, 1st size.....

18.00

Velvet King, 1st size.....

3.00 25.00

Hyde Park, 1st size.....

5.00 45.00

Vaughan's XXX Florist Mixture, 1st size.....

1.75 15.00

Extra Fine Mixed, 1st size.....

2.00 18.00

Good Mixed, 1st size.....

1.00 8.50

And all Other Leaders

Write for quantity prices

Dahlias, Peonies, Cannas, for the Counter Trade.

Chicago **Vaughan's Seed Store,** New York

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Keller Bros. Onion Sets

When you wish to buy honest, clean and reliable Onion Sets, both white and yellow, write us for prices and samples.

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Philadelphia

Wholesale Price List for Florists
and Market Gardeners

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

INDEPENDENCE, MO.—The range of Eric Frandsen & Co., which was frozen out in January, is now being run to lettuce.

DAVENPORT, IA.—One local greenhouse shipped 2,368 dozen cucumbers during February. The present price is about \$2.25 per 2-dozen box.

FARMERS' BULLETIN No. 707, issued by the department of agriculture, Washington, D. C., gives an exhaustive account of the "Commercial Grading, Packing and Shipping of Cantaloupes," well illustrated.

PROVIDENCE, R. I.—The Providence Market Gardeners' Association elected the following officers at the annual meeting, March 18: Everett C. Potter, Auburn, president; H. E. West and O. R. Peck, vice-presidents; Geo. K. Tinkham, secretary-treasurer.

Florida and California Crop Report.

In a report issued by the United States department of agriculture, the crop situation in Florida and California, March 1, shows the general situation in Florida to be 96.4 per cent as compared with 1915 and 91.2 per cent as compared with 1914. The California report covers only orange and lemon trees, celery and cauliflower. The condition this year was reported as 98 per cent as compared with 1915 and 102.5 as compared with 1914.

Prices of Indoor Fruits and Vegetables.

Chicago, March 28. — Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 12½ to 15 cents; radishes, 35 cents to 50 cents per crate; celery, \$2.00 to \$2.10 per crate; tomatoes, six baskets, \$2.00 to \$2.25; cucumbers, per doz., 75 cents to \$1.00.

New York, March 28.—Celery, per 12-inch crate, \$2.00 to \$3.00; cucumbers, \$1.00 to \$1.25 per dozen; mushrooms, \$1.25 to \$1.75 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per strap, \$1.25 to \$1.75; rhubarb, per dozen bunches, 50 cents to 65 cents.

Early Southern Truck Crop Report.

The bureau of crop estimates of the United States department of agriculture has received from a list of selected growers in the southern states reports relative to condition of various truck crops March 1, as compared with February 1, 1916. With the exception of water melons and cantaloupes, on which no figures for February 1 are available, other crops, among which are snap beans, cabbage, cucumbers, kale, lettuce, onion, peas, potatoes, strawberries and tomatoes, show a falling off in condition. The general average of all the above, March 1, is about 75 per cent estimated on a basis of 100 representing normal condition.

Control of Sweet Potato Rots.

U. S. Farmers' Bulletin No. 714, of the department of agriculture, offers suggestions for the improvement of this situation by protecting the stock from disease, both in the field and in the storage bin. Five field diseases—stem rot, black rot, foot rot, scurf, and root rot—are described and directions for their control given. They are caused by fungi which invade the plants and their roots, and which may be carried to new areas and plants by insects, farm animals, infected implements, etc. The fungi are also often spread in manure used as fertilizer.

The means of securing healthy crops, therefore, must be the exclusion of the germs from the fields and from the seed and fertilizer used in the growing of the potatoes. The seed potatoes must be carefully selected the year before at digging time from hills which are known to contain healthy plants. This may be determined by splitting the stem of the plants and examining the interior for indications of rot. The seed potatoes themselves should be examined again before planting for evidences of disease. Where slip seeding is used, equal care must be taken that the cuttings are made from disease-free plants.

The hotbed is often the source of infection. Thorough disinfection every year should be practiced. The framework and the ground around it must be thoroughly soaked with a solution of formaldehyde or copper sulphate. Where formaldehyde is used, it should be used in the proportion of one pint of formalin to 30 gallons of water. With copper sulphate, one pound should be used with 25 gallons of water. The operation should be repeated after twenty-four hours. The soil for the hotbed, preferably sand, must be taken from some place where potatoes have never been grown; if possible, from some high place in the woods, removing the upper six inches of soil and using only the subsoil. Care should be taken to see that infection is not carried on the wagons, implements, and tools used.

Fully as important as the growing of sweet potatoes is the protection of them from disease while in storage. Sound potatoes only should be stored. In particular, any tubers affected with black rot should be thrown out to prevent the spread of this disease to the other potatoes in the bins. The storage rots, of which there are a number of kinds—such as soft, ring, and dry rots—can be controlled only by the adoption of rigid methods of sanitation in the bin and by handling the potatoes with care to prevent bruising. Regulation of temperature is also important.

Storing in crates prevents the spread of potato diseases to a great extent, by permitting of better ventilation and more even temperature throughout the storage bin. When the potatoes are first stored and for 10 days thereafter, the storehouse should be kept at a temperature of from 80° to 85° F. This will drive off much of the moisture, and sufficient ventilation, therefore, should be provided for its escape. The temperature should then be gradually lowered to 50° or 55° F. and maintained at that point.

After the potatoes are taken out of the storehouse, and before the next crop is put in, bins and crates should be thoroughly disinfected with a solution of copper sulphate. It will be necessary to apply the solution twice, with an interval of twenty-four hours between the two applications.

Valuable Products From Cherry Pits.

Sixteen hundred tons of cherry pits, now a source of annoyance and expense to canneries, can be made to yield two valuable oils and also a meal for feeding cattle, according to specialists of the United States department of agriculture. In addition 105,000 gallons of cherry juice now wasted in seeding cherries can be turned into desirable jelly and sirup, or even into alcohol. The specialists, however, have not yet carried their work to a point where they can say that the converting of this juice and the cherry pits would be a profitable side industry for the ordinary or smaller cannery. Some time ago there was similar investigation of the use of peach and apricot pits for making oils and meal, and a commercial enterprise has been established in California for dealing with these products. The department has published a bulletin on this subject and also one dealing with the utilization of raisin seed from the seeded raisin industry.



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"Market Gardening"

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Cloth Bound, 75 cents.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Belle Washburn

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

THE BEST RED CARNATION

ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our **Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif.**, who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

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HIGH CLASS SEEDS
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Just the grade of seed you need, if you sell
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Will send over early in May next his traveling
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Strong 2 and 8 eye divisions freshly divided from clumps same day
shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

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Black Prince
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Eldorado, large flowered,
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Hungaria
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Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite Bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

THE tree planting dates in Pennsylvania this year are April 14 and April 28.

OTTAWA, ONT.—The Ottawa Horticultural Society has issued its 1916 prize list.

CEDAR RAPIDS, IA.—The Highland Nursery Co. has changed its name to Chandler Nursery Co.

PHILADELPHIA, PA.—The Harrison Nurseries have invaded Chestnut street and entrenched their evergreens in the busy retail district at No. 931.

BROOKLINE, MASS.—David H. Sheehan, for the past 22 years superintendent of parks and playgrounds in this city, died recently, aged 70 years.

Grapefruit Pioneer Dead.

New York, March 27.—The man who put grapefruit on New York's breakfast menu, Eugene J. Gregory, is dead today at the home of his son, Julius Gregory, 900 Summit avenue, the Bronx. Mr. Gregory was a well-known republican in Pacific coast politics, having been mayor of Sacramento in 1887. He shipped the first car of California fruit to the east.

Citrus Canker in the South.

Louisville, Ky., March 27.—Ernest Walker, state horticulturist of Alabama and professor of horticulture in the Alabama Polytechnic Institute, visited relatives and friends here this week. The United States government has placed \$600,000 at his disposal for the eradication of the citrus canker. He states that in some of the nurseries of the south the loss in nursery stock of citrus trees has been in the hundreds of thousands of dollars, the trees being condemned and destroyed to eradicate the canker.

F. W.

Arbor Days of the States.

For the first hundred years as a nation the United States was too busy cutting down trees for homes, to realize that we were in many cases causing needless waste in our manner of home making. When we began to appreciate the real value of our trees, we also awoke to the fact that each year they were growing scarcer. As a result we have begun to plant trees and to try to save those we have. For a number of years nearly all the states have observed an annual Arbor day and in some states there have been one in the spring and another in the fall. It is, in some states, fixed by law, and in others the governor is empowered to proclaim a date which he deems advisable. It is observed more particularly by the public schools, the state in many cases furnishing the trees for the children to plant and the operation taking place with appropriate ceremonies. The greatest benefit from Arbor day, is the fact that tree-planting and the esthetic value of tree-planting is inculcated in the minds of future Americans while they are yet young. Following are the dates of Arbor day in the United States and Canada; also the manner in which it is fixed:

Arbor Days in United States.

Alabama—Day not observed.
Arizona—
Arkansas—
California—No state holiday. Each county fixes own date.

Colorado—Date fixed by governor's proclamation. Occurred April 18 in 1913.
Connecticut—Date fixed by governor's proclamation. Occurred April 18 in 1913.
Delaware—
District of Columbia—
Florida—
Georgia—First Friday in December. Occurred December 6 in 1912.
Idaho—
Illinois—Date fixed by governor's proclamation. Set for April 16 and October 22 in 1915.
Indiana—Third Friday in April. Occurred April 18 in 1913.
Iowa—Date fixed by governor's proclamation. Occurred April 23 in 1913.
Kansas—Date fixed by governor's proclamation. Occurred April 10 in 1912.
Kentucky—Date fixed by governor's proclamation. Occurred April 25 in 1913.
Louisiana—
Maine—Date fixed by governor's proclamation. Occurs some time in May, usually on Friday; May 17 in 1912.
Maryland—Date fixed by governor's proclamation. Occurred April 11 in 1913.
Massachusetts—Date fixed by governor's proclamation. Occurred April 26 in 1913.
Michigan—Occurred May 9 in 1913.
Minnesota—
Mississippi—
Missouri—Occurred Friday, April 14, in 1913.
Montana—Second Tuesday in May. Occurred May 13 in 1913.
Nebraska—April 22. Date fixed by law, but governor also proclaims it.
Nevada—Date fixed by governor's proclamation. Occurred April 18 in 1913. Likely to be changed to about April 1 as other date regarded too late.
New Hampshire—Occurred May 3 in 1913.
New Jersey—Second Friday in April. Occurred April 11 in 1913.
New Mexico—Date usually fixed by governor's proclamation.
New York—Occurred Friday, May 2, in 1913.
North Carolina—No regular date. Observed only irregularly and not each year.
North Dakota—Date fixed by governor's proclamation. Occurred May 2 in 1913.
Ohio—Date fixed by governor's proclamation, usually in April. Occurred April 4 in 1913 though this date is earlier than usual.
Oklahoma—
Oregon—Second Friday in April. Announced by proclamation by superintendent of public instruction. Occurred April 11 in 1913.
Pennsylvania—Date fixed by governor's proclamation. Occurred twice in 1913, early in April and on May 25.
Rhode Island—Second Friday in May. Legal holiday.
South Carolina—
South Dakota—Occurred April 22 in 1913.
Tennessee—
Texas—Date fixed by governor's proclamation. Occurred March 7 in 1913.
Utah—Date fixed by governor's proclamation. Occurred April 15 in 1913.
Vermont—Occurred April 25 in 1913.
Virginia—Date fixed by governor's proclamation.
Washington—Occurred April 16 in 1913.
West Virginia—
Wisconsin—Occurred May 2 in 1913.
Wyoming—Date fixed by governor's proclamation for last Friday in April. Occurred April 25 in 1913.

Arbor Days in Canada.

Manitoba—Occurred May 5 in 1913.
Nova Scotia—First Friday in May. Occurred May 2 in 1913.

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OUR CURRENT PRICE LIST will be gladly forwarded on request.
NOTE—Use printed stationery. We sell to the trade only and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.
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ALL GROWING ON OUR OWN GROUNDS.

11,500 Syringas in variety 5 ft. 3,000 Cornus Siberica, 3 ft.-4 ft.
11,000 Spiraea Van Houttei, 3 ft.-4 ft. 40,000 Privet Amoor, 3 ft. 14-16 branched.
11,700 Honeysuckle, 3 ft.-4 ft. 2,300 Lombardy Poplars, 1½-2 in. diameter.

Also Rosa Rubifolia, Spiraea Opulifolia, Silver Maples, specimens, 2 in. diameter.

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Shrubbery

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CALIFORNIA NATIVE PLANTS.

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Hybrid Remontant (perpetual)
40 varieties.

Hybrid Teas 15 varieties.

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	Per 1000		Per 1000		Per 1000
Irish Juniper trans., 3 to 5 in.	\$20.00	Sugar, or Rock Maple, 5 to 10 in.	\$2.50	Apple Seedlings, No. 1, 3/4 & up	
" " " 5 to 8 in.	35.00	" " " 10 to 15 in.	8.00	(10 M, \$45)	\$ 5.00
" " " 8 to 10 in.	50.00	Silver Maple, 1 to 2 ft.	6.00	Apple Seedlings No. 2 (10 M, \$25)	3.00
Siberian Arbor Vitae tp., 3 to 5 in.	35.00	Norway " 5 to 10 in.	6.00	" No. 3 (10 M, \$5)	1.00
" " " 5 to 7 in.	65.00	Am. Sweet Chestnut, 5 to 10 in.	8.00	Calycanthus Floridus, 5 to 10 in.	8.00
These Arbor Vitae and Junipers are choice cutting plants, transplanted in field one and two years. Sample hundred of either 1 year transplanted, postpaid, for \$3.00.		" " " 12 to 18 in.	15.00	" " " 1 to 2 ft.	12.00
American Arbor Vitae tp., 5 to 10 in.	40.00	" " " 18 to 24 in.	25.00	Judas Tree (Cercis canadensis)	10.00
Pyramidalis & Golden Arbor Vitae 2 yr. sdgs.	35.00	Perfectly healthy grown from large selected seed.		Judas Tree (Cercis canadensis)	20.00
Golden Arbor Vitae 1 yr. sdgs.	15.00	Dogwood, Wh. Flower'g, 5 to 10 in.	10.00	Strawb'y Tree(Evonymus), 2 to 4 ft.	20.00
Chinese and Compacta " " Arbor Vitae 1 yr. sdgs.	12.00	" " " 10 to 15 in.	20.00	Japan Quince, 5 to 10 in.	10.00
" " " " Arbor Vitae 2 yr. sdgs.	25.00	Black Walnut, 1 to 2 ft.	10.00	Hydrangea P. Grandiflora, 5 to 10 in.	20.00
Larch, European sdgs. 5 to 10 in.	10.00	Tulip Tree, Yel. Pop., 1 to 2 ft.	10.00	" " " 1 to 2 ft.	30.00
" " " " 1 to 2 ft.	20.00	" " " " 3 to 6 ft.	25.00	" " " 2 to 3 ft.	40.00
" " " " 2 to 3 ft.	30.00	White Poplar, 3 to 4 ft.	20.00	Snowball (Viburnum O. P. Sterillis), in same size and prices.	
Pungens, Blue Spruce, 4 to 6 in.	25.00	" " " 4 to 7 ft.	40.00	Hydrangea, Hills of Snow, 5 to 10 in.	40.00
Norway Spruce sdgs. 3 to 5 in.	4.00	Russian Mulberry, 5 to 12 in.	4.00	" " " 1 to 2 ft.	50.00
" " " " 5 to 8 in.	7.00	" " " 1 to 2 ft.	10.00	" " " 2 to 3 ft.	60.00
Ponderosa, Yel. P. sdgs. 5 to 10 in.	25.00	Black Cherry (Serotina), 5 to 10 in.	2.00	Japan Snowball, 5 to 10 in.	20.00
" " " " 10 to 15 in.	30.00	" " " 1 to 2 ft.	4.00	" " " 1 to 2 ft.	30.00
White Pine, sdgs., 3 to 5 in.	5.00	" " " 2 to 4 ft.	8.00	Yucca Filamentosa, Adams Needle.	10.00
" " " " 5 to 10 in.	8.00	Red Oak, 5 to 10 in.	10.00	Asparagus (10 M for \$25), 2 yr.	3.00
" " " " 10 to 12 in.	12.00	" " " 10 to 15 in.	15.00	Asparagus, 1 yr.	1.50
Hemlock Spruce, trans., 3 to 5 in.	50.00	Magnolia accuminati, 3 to 5 in.	20.00	Conovers, Palmetto, French Argenteuil, Strawberry plants	2.00
" " " " 5 to 10 in.	70.00			Wm. Belt, Clyde, Kittle Rice, Haverland, Francis Willard, Superba, Kellogg's Prize, Ribach, Sample, Aroma, Helen Davis, Warfield, etc.	

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Rooted Cuttings, \$12.00 per 100; \$100.00 per 1000.

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BEGONIAS--Strong 2 1/2-inch Plants

	Per 100	Per 1000
Cincinnati, 2 1/2-in.	\$15.00	\$120.00
Lorraine, 2 1/2-in.	12.00	100.00
Chatelaine, 2 1/2-in.	5.00	40.00
" " 3 -in.	8.00	75.00
Vernon, 2 1/2 and 3-in.	4.00	

Primroses.

	Per 100.
Obconica in bloom, 4-in.	9.00
" " 5-in.	15.00
Malacoides, 3-in.	6.00

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Nutt, Pressly, Gen. Grant, strong 2 1/2-in., \$25.00 per 1000. Wilmette, largest and best Pink Geranium, \$50.00 per 1000.

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	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, April delivery, \$7.00 per 100; \$60.00 per 1000.

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Some Excellent Stock.

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Size of pots.	100	1000
2 1/4-in. ABUTILON Savitzii, or 6 varieties assorted	\$2.25	\$20.00
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Fine plants		
2 1/2-in. BEGONIAS, 8 flowering varieties	5.00	45.00
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2 1/4-in. MARGUERITES, White and yellow	2.50	22.50
Mrs. Sanders	2.50	22.50
4 in. PRIMULA obconicas, In bud and bloom	6.25	60.00
2 -in. DOUBLE PETUNIAS, 15 varieties	3.00	25.00
2 1/4-in. SALVIAS, Bonfire	3.00	25.00
FUNKIA variegata, Roots	5.00	45.00
CANNA BULBS, King Humbert	3.00	25.00
CANNA, Yellow, King Humbert		
3-inch, each, 35c, per doz.	3.50	
CANNA BULBS, About 20 varieties	2.00	17.50
60,000 2 and 2 1/4-in. GERANIUMS, Nutt, Ricard, Poitevine, Montmort, Perkins, Buchner, About 20 varieties	2.25	20.00
2 1/4-in. IVY GERANIUMS, 8 varieties	3.00	28.00

Correspondence solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing

ASPARAGUS

Plumosus, 2 1/4-in. pots, \$2.00 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, Italia, Patry, B. Prince, Gray, Flamingo, Berat, Henderson, \$2.00 per 100.

Boston Ferns, from beds, \$15.00 per 100.

Coleus, 10 varieties April 1 \$2.00 per 100.

Pansy Plants, Giant flowering, \$2.50 per 100.

CASH

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	\$1.00 each
Pyramids, 2 1/2-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3 1/2-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

GERANIUMS

Sent with a guarantee, that guarantees to any point in the U. S. east of the Mississippi River.
S. A. Nutt and Buchner 12.50 per 1000
Poitevine and Ricard 15.00 per 1000
Buddleia Asiatica \$2.50 per 100
Buddleia Magnifica 3.50 per 100
(Rooted cuttings, parcel post.)

Pot plants of either, by express, \$5.00 per 100
Asparagus Plumosus, good value, \$25.00 per 1000

ALBERT M. HERR, LANCASTER, PA

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
White Enchantress	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Beacon	2.50	20.00
Champion	2.50	20.00
Joy	2.50	0.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Milady	4.00	35.00
Ophelia	5.00	45.00

Bench Plants

	100	1000
American Beauty	\$6.00	\$50.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Geraniums, Standard var.	\$2.00	\$18.00	\$3.00	\$25.00
Heliotrope, Mme. Bruant and Chieftain	2.00	18.00	3.00	25.00
Lantanas, 6 varieties	2.00	18.00	3.00	25.00
Lemon Verbenas	2.00	18.00	3.00	25.00
Moonvines	2.00	18.00	3.00	25.00
Petunias	2.00	18.00	3.00	25.00
Parlor Ivy	2.00	18.00	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.00	3.00	25.00
Senecio Argentus, Dusty Miller	2.00	18.00	3.00	25.00
Swainsona, white and pink	2.00	18.00	3.00	25.00
Vinca Variegata	2.00	18.00	3.00	25.00
Coleus, Salvia, Ageratum and Heliotrope.				

Rooted cuttings, 60c per 100; \$5.00 per 1000.
Dahlia Roots, whole field clumps, \$5.00 per 100 and up. Send for list.

Canna Roots, \$2.00 per 100 and up.

Cash with order. If you have not received our catalogue, notify us.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Azaleas AND Hydrangeas

We have an exceptionally fine stock to offer now at very reasonable prices.

AZALEAS

Such as Mme. Van der Cruyssen, Simon Mardner, Vervaeneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1.00, \$1.25, \$2.00.

HYDRANGEAS

We have both the Otaksa and French varieties, such as Mme. Emil Mouilliere, Avalanche, white; E. G. Hill, Gen. De Vibraye, Mme. Hamar, Mme. E. Chardard, Bright Rose, 4-in. pots, 4 flowering shoots, 20c. 6-in. pots, 4 to 6 shoots, 25c to 35c. 6-in. pots, 6 to 8 shoots, 50c. 7-in. pots, 75c to \$1.00, specimen plants.

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenii, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS—Thumb pot plants, 3 to 5-in. above pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100, sure to please. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-inch, \$2 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. Mme. Van der Cruyssen, Simon Mardner, Verveneana, Niobe, Jean Peters, John Llewellyn, well budded, 75c, \$1, \$1.25, \$2. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS.

BEGONIA CHATELAINE FINE BUSHY STOCK IN FULL BLOOM FOR EASTER

	Per 100
4-inch	\$15.00
3-inch	8.00
2-inch	4.00
Rooted cuttings, by mail, \$1.75 per 100; by express, \$1.50 per 100; \$12.50 per 1,000.	
J. L. JOHNSON, De Kalb, Ill.	

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots	\$ 12.00
Cincinnati, 2½-in. pots	15.00
Mrs. J. A. Peterson (new), 2½-in. pots	25.00
Per 1,000	200.00
JULIUS ROEHR'S CO., Rutherford, N. J.	

Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyfer & Olsen, Wilmette, Ill.

Begonias, grown from the finest, large flowering strains. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias, gracilis, luminosa, Prima Donna and White Triumph, 2-in. pots, \$2.50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonias, Gloire de Chatelaine, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2½-in. pots, \$5.50 per 100; 3-in. pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonias, Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

Ardisia Crenulata, 8 to 14 branches; 4-in. and 4½ in. pots, \$50 per 100; 5-in. and 5½ in. pots, \$75 per 100. Anton Schultheis, College Point, N. Y.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clay St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia, Asiatica, \$2.50 per 100; Buddleia magnifica, \$3.50 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Lil. Formosum, 8-10, case of 225, \$17; 9-10, case of 160, \$14. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas, Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

Canna Firebird. Best scarlet, green-leaved canna. From 3-in. pots, 25 for \$5. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.

	100	1,000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Poorless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

	Per 100	Per 1,000
CARNATION CUTTINGS—A1 QUALITY Clean, healthy stock taken from selected plants.		
Mrs. C. W. Ward	\$2.00	\$15.00
Light Pink Enchantress	2.00	12.00
Afterglow	2.00	15.00
Victory	2.00	15.00
Bonfire	2.00	15.00
White Perfection	2.00	15.00
From soil.		
White Enchantress	2.50	20.00

J. A. BUDLONG,
184 North Wabash Avenue, Chicago.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
Taken from the best stock sold in Chicago market. Ready for immediate delivery:		
Aviator	100	1,000
Enchantress	\$2.00	\$100.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00
ZECH & MANN.		
30 E. Randolph St.,	Chicago.	

ROOTED CARNATION CUTTINGS.		
Enchantress	100	1,000
Philadelphica	\$2.00	\$18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00
WIETOR BROS.,		
162 N. Wabash Ave.,	Chicago.	

CARNATIONS.
Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS—A-1 STOCK.		
Enchantress	100	1,000
White Enchantress	\$2.00	\$17.00
White Perfection	2.00	17.00
Ward	2.00	17.00
A. T. PYFER & CO.,		
30 East Randolph Street,	Chicago, Ill.	

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.
Enchantress 100 | 1,000 || White Wonder | \$2.50 | \$20.00 |
| | 3.00 | 25.00 |

SINNER BROS., Chicago.
Carnations, Enchantress, White Enchantress, Zoe Symonds, Philadelphia, Washington, \$2 per 100; \$18 per 1,000. Beacon, Champion, Joy, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo., \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. F. Dörner & Sons Co., Lafayette, Ind.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

WHITE		
Smith's Advance	Per 100	Per 1,000
Early Frost	\$2.00	\$15.00
Virginia Poehlmann	5.00	50.00
Alice Salomon	2.00	15.00
Alice Byron	2.00	15.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Linwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	.....
Bonnaillon	2.00	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	.....

PINK		
Amorita	2.00	15.00
Cheftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	.....

CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	.....
J. D. THOMPSON CARNATION CO.,		
Joliet,	Illinois.	

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.
Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.
Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROOTED CHRYSANTHEMUM CUTTINGS.		
Major Bonnaillon	100	1,000
	\$2.00	\$18.00
WIETOR BROS.,		
162 North Wabash Avenue,	Chicago, Ill.	

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curly Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. R. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed Store, Chicago and New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS: Yellow Queen, Lyndhurst, Nymphaea, Storm King, strong divisions, \$3.00 per 100. J. L. Johnson, De Kalb, Ill.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DAFFODILS.

Daffodils. Von Sion, 25c, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored, 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

ERICAS.

Ericas for growing on for next Xmas blooming. Delivery now. For varieties, sizes and prices, send advertisement elsewhere in this issue. Antony Schultheis, College Point, N. Y.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantisima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantisima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedei, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

FERNS, from 2-in. pots, immediate delivery: Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c; 4-in. Boston, 12c; 4-in. Teddy, Jr., 15c; extra heavy. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Ferns, Boston and Teddy, Jr. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

FERNS, BOSTON. Fine established, 2½-in., \$4.00 per 100. Heavy 4-in., \$12.50. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

Boston ferns, 4-inch, 10c each. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns from beds, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS

S. A. Nutt, dark red	100	1,000
Double Gen. Grant, bright red	\$1.25	\$12.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink	1.25	10.00
	1.50	14.00
THE W. T. BUCKLEY CO.,		
Springfield,	Illinois.	

25,000 geraniums, extra good stock, S. A. Nutt, Jean Viaud and Poitevine, 2½-in., \$2.50 per 100; \$22 per 1,000. 3-in., \$6 per 100; \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

Geraniums, Nutt, Pressily, Gen. Grant, 2½-in., \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt, \$12.50 per 1,000; Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

GLADIOLI.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1¼ to 1½-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladiolus bulbs, fine mixed. For sizes and prices see advertisement elsewhere in this issue. I. & J. L. Leonard, Iona, N. J.

GLADIOLI, America and other varieties at special prices. MUNSELL & HARVEY, Ash-tabula, Ohio.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage, Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$3 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 99-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs and valley. Cold storage forciers. Vaughan's Seed Store, Chicago and New York.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYACINTHS.

Hyacinths, in all colors, 4-in., at 10c each. Bulbs in pans. 30c. 40c. 50c and 60c. Poehlmann Bros. Co., Morton Grove, Ill.

HYDRANGEAS.

Hydrangeas, Otaksa and French varieties such as Mme. Emil Mouillere, Avalanche, E. G. Hill, Gen. De Vibray, Mme. Hamar, Mme. E. Chautard, 4-inch pots, 4 flowering shoots, 20c; 6-inch pots, 4 to 6 shoots, 25c and 35c; 6-in., 6 to 8 shoots, 50c; 7-inch, 75c to \$1.00. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

Hydrangeas, mostly French varieties, 75c, \$1, \$1.25, \$1.50, \$2, \$2.50 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY PLANTS.

Lily Plants. Fine, strong, heavy flowers, first-class, medium length stock, 14 to 18 inches high. For prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, giant and dwarf; coleus, 10 varieties; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.00 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Coleus, ageratum and heliotrope, rooted cuttings, 60c per 100; \$1 per 1,000. R. Vincent Jr., & Sons Co., White Marsh, Md.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery Stock. Evergreens, seedlings, shrubbery, etc. For varieties, sizes and prices see advertisement elsewhere in this issue. J. Jenkins & Sons, Winona, Ohio.

ONION SETS.

Onion Sets. Clean, reliable onion sets. Write for prices and samples. Keller Bros., R. F. D. 5, East Toledo, O.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Phoenix Roebelenii, from 3-inch pots, \$20 per 100. Anton Schultheis, College Point, N. Y.

PANSIES.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants. Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$10.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSIES. Large flowering, strong, stocky, transplanted plants; all in bloom and bud. \$1 per 100; \$9 per 1,000. Cash with order. GUS SCHLEGEL, Olney, Ill.

PANSIES, transplanted seedlings. German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANSIES, out of cold frame, fall transplanted Danish seed. Any quantity, \$1.60 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 5-in., 75c; 6-in., \$1; 7-in., \$1.50. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

PELARGONIUMS.

PELARGONIUMS, Easter Greeting, can spare 500 dandy 2½-in., at \$8.00 per 100. Cash please. Last summer we bought 250 plants like these, took off over 2,000 cuttings and still have the original 250 in 5-in. and are retailing them at 75c each. Anybody can do as well or better.

HEINL'S, Terre Haute, Ind.

PEONIES.

Peonies, Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PRIMULAS.

Primroses, obconica, in bloom, 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$6 per 100. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup cannas, 2½c. Get list. Prices right. BENJ. CONNELL, florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

Rhododendrons. Best varieties. \$1, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti.

100	1,000
Russell	\$12.00 \$100.00
Rhea Reid	12.00 100.00
Hoosier Beauty	12.00 100.00
Ophelia	12.00 100.00
Pink Killarney	12.00 100.00
White Killarney	12.00 100.00
Killarney Brilliant	12.00 100.00
Richmond	12.00 100.00

OWN ROOT ROSE PLANTS.

Sunburst	\$7.00 \$60.00
Cecile Brunner	7.00 60.00
Shawyer	7.00 60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

RASSETT & WASHBURN,
178 North Wabash Avenue, Chicago.

ROSES.**YOU NEED THE BIG MONEY MAKER, CHAMP WEILAND.**

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequaled by any other 'sport' creation of recent years. Take the tip—grow 'Champ Weiland.' Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1,000 for \$300.00.

MRS. CHAS. RUSSELL.

We have an elegant stock of the above, and offer grafted plants at \$14.00 per 100; \$120.00 per 1,000; own root, \$12.00 per 100; \$100.00 per 1,000.

For prices on standard varieties, write for special quotations.

WEILAND & RISCH,

154 N. Wabash Ave., Chicago, Ill.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted.	2½-in. Own Rt.
Russell	\$120.00	none
Killarney	100.00	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	56.70
Hadley	105.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO.,

MORTON GROVE, ILLINOIS.

ROSES—BENCH PLANTS.

	100	1,000
Sunburst	\$6.00	\$50.00
Lady Hillingdon	6.00	50.00

RASSETT & WASHBURN.

178 North Wabash Avenue, Chicago.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Ophelia	\$4.50	\$40.00
Sunburst	3.50	30.00
White Killarney	3.00	25.00
Pink Killarney	2.50	20.00
Richmond	2.50	20.00

Two-Year-Old Bench Plants.

White Killarney	5.00	40.00
Pink Killarney	5.00	40.00

Satisfaction Guaranteed. Ready Now.**GEORGE REINBERG,**

162 North Wabash Ave., Chicago.

EXTRA FINE YOUNG ROSE STOCK.**April Delivery.**

	100	1,000
White Killarney, 2½-in.	\$35.00	\$350.00
Pink Killarney, 2½-in.	35.00	350.00

For March Delivery.

Hoosier Beauty, 2½-in.	\$50.00
Sunburst, 3½-in.	100.00
A. Ward, 2½-in.	35.00

F. J. BENTHEY,

165 Wabash Ave., Chicago, Ill.

ROSES—DORMANT—STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Eren Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER,**WILMETTE, ILL.**

ROSES. Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

AMERICAN BEAUTY ROSES.

Extra fine bench plants, \$7 per 100. Wieter Bros. Chicago, Ill.
162 N. Wabash Ave., Chicago, Ill.
L. D. Phone Randolph 2081.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

	100	1,000
Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00
Richmond	4.00	30.00

J. A. BUDLONG,

184 North Wabash Ave., Chicago.

BULGARIA BENCH PLANTS.

3,000 Bulgaria bench plants in lots of 100 or more, \$6.00 per 100; \$50.00 per 1,000. Now ready for shipment. Will cut back to suit purchaser.

BASSETT & WASHBURN,

178 North Wabash Ave., Chicago.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. Bench Plants: American Beauty, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Roses. Pot and climbers. For varieties and prices see advertisement elsewhere in this issue. American Beauties in 5½ and 6-in. pots, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, hybrid remontant (perpetual), 40 varieties; hybrid teas, 15 vars.; climbing, 15 vars.; polyantha, 10 vars. W. B. Cole, Painesville, Ohio.

Roses. 3,000 Maryland, 2½-in. pots, at \$40.00 per 1,000. Smilax, 2½-in. pots, at \$15.00 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

Roses. 20,000 Cecile Brunner, \$3 per 100; \$25 per 1,000; \$100 per 5,000. California Rose Company, Pomona, Calif.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Vekich, \$1.50 per pound. Dracena indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and 1 prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed, asparagus plumosus nanus, strictly fresh greenhouse grown, \$3.50 per 1,000; 10,000 at \$3 per 1,000. Strictly fresh lath house, southern grown, \$2 per 1,000; 10,000 at \$1.50 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties—Stocks (the most beautiful in the world). Primulas (10 var.), Cyclamens, Cinerarias, Bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties, Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

SEEDS.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Bretigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Boigiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

SPIREA.

Spirea, Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

TUBEROSES.

Tuberose, dwarf double pearl, 4½ to 6-in., \$8.50 per 1,000. J. M. Thorburn & Co., 53 Barclay St., New York.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata. Fine, bushy plants, established 3-in., \$5.00 per 100. Extra heavy 4-in., with long vines, \$10.00 per 100; \$90.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VINCA VARIEGATED. Oct. rooted, 1½-in. pots, \$1.50 per 100. 4-in. potted plants, 5 to 8 leads, 7c. Cash please. B. C. BLAKE, R. D. 4, Springfield, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

STOCK WANTED.

Specimen Oleander plants, pink. Large orange trees in tub. Alexander McConnell, 611 Fifth Ave., New York City, N. Y.

Rooted Coleus cuttings of the Anna Pfister variety. H. H. Tall, Board of Park Commissioners, Indianapolis, Ind.

200 to 500 Cedrus Deodara (Himalayan pine), in 2-in. to 4-in. pots. W. R. Tietze, Supt. of Parks, Dallas, Texas.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. P. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, standard flower. Write for prices. A. F. Kohn, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Catalogues and catalogue covers. Nature reproductions of prints, flowers and ornamental shrubs. Write us. Christy Engraving Co., 183 St. Paul St., Rochester, N. Y.

SWEET CORN, how to grow and keep fresh for the fall and early winter market. Complete instructions, 50 cts. E. F. WORRALL, Station F, Minneapolis, Minn.

Heavy shrubs for immediate effect. For varieties and sizes see advertisement elsewhere in this issue. Beaudry's Nursery Co., 700 Railway Exchange, Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Easter Plants. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High Avenue, S. E., Cleveland, Ohio.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E. Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

The American Florist Company's Directory of
Florists, Nurserymen and Seedsmen of the United States and Canada.

(Copyrighted and Title Trade-Mark Registered.)

Directory Revision

We are revising our **Trade Directory** of the **Florists, Nurserymen, Seedsmen**, etc., of the United States and Canada, and as there have been many changes in firm names and considerable extension of the area under glass, nursery grounds, etc., you would greatly oblige by supplying the following information with reference to your business:

In all cases state (1) Name of firm or proprietor, with the officers of corporations; (2) Name of manager; (3) Address, giving street and number or rural route; (4) City or town; (5) State; (6) When business was established; and (7) Whom present owner succeeded.

If Florists, state whether (1) Grower; (2) Retail, having store only, (3) Wholesale; or (4) Commission. If a grower state acreage of ground operated and give number of square feet of glass.

To ascertain the number of feet under glass in a given house, 12x145 feet 145
multiply the length (145 feet) by the width (12 feet) and you have in 12
that house 1,740 feet under glass, thus,.....1,740

If Nurserymen, state whether (1) Wholesale; (2) Retail; (3) Acreage of ground operated, and area under glass as in the case of florists above.

If Seedsmen, state whether (1) Dealer; (2) Grower; (3) What your specialties are; (4) If a grower, state acreage operated and area under glass, as in the case of florists above.

Inclose your printed letterhead or business card with above details of the business.

Please send the names and addresses of new firms in your vicinity.

Horticultural Supply Concerns

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New Orleans Horticultural Society.

Rare beauty in display, quality in exhibits and the artistic in the general arrangement are the principal aims in the final plans for the big spring flower show to be given at the Athenaeum April 6-9, and at the meeting of the general committee, March 23, new details in the extensive scheme of floral and plant attractiveness already worked out were discussed. A very novel section of the show was announced in a letter read by C. R. Panter, the secretary. It will be an amateur section. Mrs. J. C. Rathbone, who has lovely gardens surrounding her home at Harvey, will exhibit in the section. Mrs. Rathbone is exhibiting to encourage the artistic in amateur gardening, and out of consideration for the cause of the New Orleans Horticultural Society, that of aiding the Louisiana Anti-Tuberculosis League.

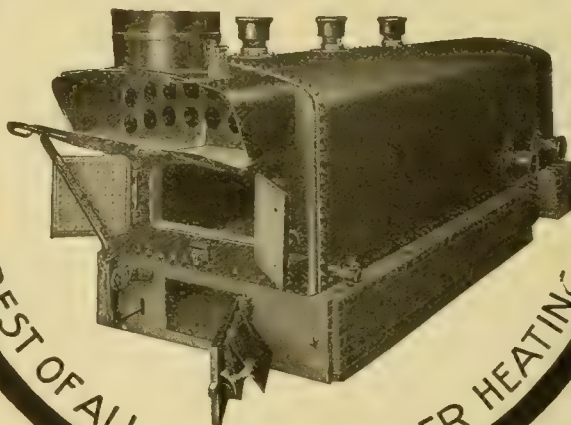
It was announced that the Maison Blanche had taken a big space for exhibition of garden supplies and would have a very attractive section. Abele Brothers announced that their exhibit would be principally of flowering and foliage effect, and Reyes & Company said that their exhibit would consist of general floral and wedding decorations. A. Dammerau will have a very pretty section, and E. Farley, of the Gentilly Terrace Nursery, will show a number of effects. Others planning handsome exhibits are C. W. Eichling, Steckler Seed Company, C. Eble, Max Scheinuck, Claude Ory, H. Mische, F. Dormay, H. Doeschner and A. Verlinde.

The committee has set Friday,

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April 7, as society afternoon and night, and one thousand special invitations are being sent out to prominent ladies to attend. As the show is being given for the benefit of a most worthy charity it is thought that the response to the invitation will be general. C. R. PANTER, Sec'y.

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The following article was taken from a recent issue of a large daily and is well worth reading through:

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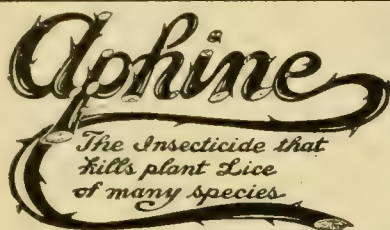
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Connecticut Horticultural Society.

This society held its bi-monthly meeting in the County building, Hartford, Friday evening, March 24, First Vice-President Francis Roulier, foreman for Mrs. James J. Goodwin, in the chair, President G. H. Hollister being unable to attend on account of sickness in his family. It had been advertised that this would be "Grafting and Pruning Night," but the absence of our leader made it necessary to postpone same until the next meeting, which will be held April 14. Some discussion occupied part of the time on the advisability of pruning grape vines after March 1, some gardeners being of the opinion that it made no difference whether the grape vines were pruned after March 1 or before, while others were very positive that they should not be pruned after March 1 on account of the bleeding of the vines. One member facetiously remarked that they could not be pruned this year until after April 1 on account of the snow, which is three to four feet deep in many places.

Fred Boss, head gardener at Elizabeth park, exhibited a collection of calceolarias, all very fine specimens, and Warren S. Mason, superintendent of the Pope estate, Farmington, exhibited a vase of Eupatorium Lanthinum, showing excellent growth. George B. Baker, Alfred Cebelius, and J. H. Sierman were appointed judges, and after due deliberation they awarded the calceolaria a certificate of merit, and the eupatorium a cultural certificate. The attendance at this meeting was unusually large, and many applications were received for membership in the society.

ALFRED DIXON, Sec'y.

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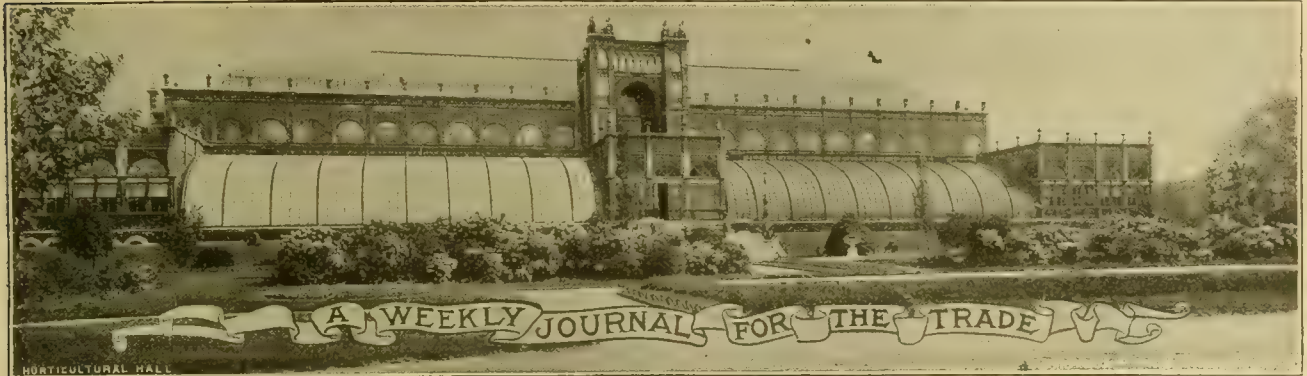
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Vol. XLVI.

CHICAGO AND NEW YORK, APRIL 8, 1916.

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F. KASTING Buffalo, N. Y., Treasurer
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August 15-17, 1916.

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Twenty-eighth street, New York, Secretary.

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Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
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Next annual meeting, New Orleans, La.
August, 1916. EMIL T. MISCHE, Portland, Ore.
President; R. W. COTTERILL, Seattle, Wash.
Secretary-Treasurer.

FOURTH NATIONAL FLOWER SHOW

Philadelphia, Pa., March 25-April 2,

Of the Society of American Florists' Co-operating with The Pennsylvania Horti-
cultural Society, The American Rose Society, The American Carnation
Society, Florists' Club of Philadelphia, American Sweet Pea Society,
American Gladiolus Society, National Association of Gardeners,
American Dahlia Society, Chrysanthemum Society of
America, Florists' Telegraph Delivery.

Continued from Last Week's Issue.

The Closing Days.

From every angle the Fourth Na-
tional Flower Show has exceeded the
greatest expectations of both national
and local committees. After the un-
usual attendance of the first day and
the thousands of disappointed Sunday
visitors who were turned away be-
cause the law forbids Sunday openings
of shows where admission was
charged, the management was pre-
pared for a large public interest in
the exhibition. It was hoped that
the record made by the automobile
shows of 1915 and 1916 when 16,072
and 26,156 tickets sold in box office
would be beaten, but none hoped for
this great record, which is official.
There were sold 42,048 50-cent tickets,
2,676 children's 25-cent tickets, 46,000
trade tickets at 25 cents each, or a
total of 90,724 tickets. In addition,
members of the S. A. F. were admit-
ted free, which included all affiliated
bodies, such as the national rose, car-
nation, and chrysanthemum societies,
Florists' Telegraph Delivery, New
York, Philadelphia and Chicago flor-
ists' clubs and the Pennsylvania Horti-
cultural Society, whose spring show
was given with that of the national
show. In addition there was a very
liberal free distribution of tickets to
the press and other interests that had
done so much to make for the success
of the exhibition. It is estimated that
there was an average daily attendance
of at least 20,000 people. Thursday
and Friday were high water days.
George Asmus bet John Young that
Friday's gate would beat Thursday's,
but lost by \$10 or 20 tickets.

A plan to get by the Sunday closing
law was evolved by W. F. Therkindson
and it worked to a charm. Upon pay-
ment of 25 cents anyone could become

an "associate" members of the S. A.
F. and no law could be invoked to
keep members from attending their
own exhibition on Sunday. If this
plan had been put in operation in time
to get publicity for the first Sunday,
the price of 50 cents could have easily
been obtained and no doubt a record
attendance secured.

Everyone of the local craft is so en-
thusiastic about the results that im-
mediate plans are now under way to
make this an annual event as they
feel sure that great business will come
from the awakening of the public to
the possibilities of plants and flowers
in home adornment. While the next
show would not have the national fea-
ture of outside exhibits, it is believed
that quite as good a display can be
made locally, as there was enough
stock sent to properly fill a hall twice
the size and it had to be so crowded
together that much of its beauty was
lost. Many beautiful features, such as
the bulbous stock display, were staged
but one day and were then crowded to-
gether as borders of groups to make
way for the cut roses. Then the mag-
nificent showing of carnations, while
not put away, were crowded together to
provide space for the sweet peas. It
was the same with the retail florists'
work, only one day being given to a
class, which was then cleared away to
make a place for the next day's en-
tries.

Decorative work of this character
deserves the best place in any exhibi-
tion; it should be given ample space
and not crowded together as was the
case here. The national flower show
committee make a great mistake in
not providing liberally for exhibitors
before they begin to apportion and sell
space to the trade.

Never was there an exhibition in which the cut flowers kept as well. Carnations are usually a one day flower. On Sunday many of the vases, although staged on Tuesday, after coming quite a distance were in very good condition. It was the same with the roses staged on Monday; many vases still held their flowers on Saturday.

Benjamin Hammond deplored the apparent lack of patriotism, in the fact that while this was a national show, there was so little display of the great national emblem; two flags were draped over the tunnel under the band stand and a few small flags flew from staffs on top of the building. The American Rose Society had decorated its booth with flags, but nowhere else were they displayed. There was abundant space for them on the balcony railings, which should have been used to emphasize the national character of the show.

A feature that was much appreciated by the visitors was the bureau of information. Under Chairman Fred Cowperthwaite and his active corps of assistants, some ten in number, visitors were given information that enabled them to see various exhibits in which they were most interested and added in many ways to their enjoyment of the show. Inquiries of all kinds from the outside were taken care of here by several telephones. Lost and found articles and all mail was handled by this bureau, whose efficient staff was ever alert to render every possible service in its power to the visitors.

Thomas Roland disposed of his great exhibit of acacias to William Kleinheinz for the Widener estate, who it is said will present duplicates to the Horticultural hall to add to the park collection. The price as given in the papers is \$5,000. A number of the other trade exhibits were sold, Harry Betz buying the F. R. Pierson Co.'s entire collection of ferns. W. K. Harris sold his group of flowering plants, while the Robt. Craig Co. also disposed of most of their exhibit.

In speaking of results, George Asmus, chairman of the national flower show committee, said: "It's the biggest show we have ever had because Philadelphia is one of the largest flower loving centers in the country. More persons have paid to get into this show twice and have come back the third and fourth time than at any show I've ever been to. Also, it's the biggest show because Philadelphia has been the center of horticulture for years. Two years ago I mentioned this city as the one spot in the country where the finest show in the world could be staged and now my hopes have been realized."

"The Philadelphia show surpassed anything we've ever had", is the opinion of Secretary John Young. W. F. Therkindson, the big fly-wheel of the show, and to whom so much of its financial success is due, says: "The Philadelphia craft are as 'proud as peacocks' over the records broken and made. Western men said we never would be able to get the crowd to Convention hall and it was too big a barn of a place. We could never get stock to fill it. Well, it proved to be not nearly large enough for either the exhibits or the people that came to see them. So we are just tickled to death over results."

Commercial Growers' Rose Display.

Thursday's feature was the competition in the class for the best display of cut roses staged by commercial growers, to occupy 200 square feet, not more than 1,000 blooms to be used, the awards to be based upon quality of flowers and artistic arrangement. There were three entries, A. N. Pierson, Inc., Cromwell, Conn., Joseph Heacock Co., Philadelphia, Pa., and F. R. Pierson Co., Tarrytown, N. Y., being given first, second and third prizes in the order named. Too much cannot be said in praise of these exhibits which were all elaborate to a degree, and the staging committee managed to make room for them in advantageous positions, the two Pierson groups being near the entrance, while the Jos. Heacock Co.'s display was to the right of the center aisle near the music stand. Nothing was too good in the way of accessories, each exhibitor having selected immense, showy baskets of the latest design, using high pedestals on which to elevate and group the blooms to the best advantage. Cibotiums and farleyense were largely used in the Heacock exhibit as a setting for the vases and baskets, all

of which were of the new color, battleship grey. The varieties used here were Radiance, long stemmed stock in two large vases, which stood out prominently at the top with a huge basket of White Killarney and Mrs. Aaron Ward in the center lower down. Two large vases of Killarney and Killarney Brilliant, together with a basket of fine Hadley filled out the space. Habermehls' arranged this exhibit which was complete in every detail.

The entry of A. N. Pierson, Inc., consisted of Killarney Queen, Killarney Brilliant, White Killarney, Hadley, Ophelia and Mrs. Aaron Ward. These were arranged in Neidinger baskets of immense size, the rear of the display being considerably elevated. Large pans of *Adiantum cuneatum* and farleyense were used among the roses, and buff-colored chintz or sateen cloth was used in draping the stands, falling to the floor in graceful folds. This exhibit was very effective and was the artistic work of George E. M. Stumpp, New York.

F. R. Pierson Co.'s space contained the greatest variety of roses, American Beauties predominating, there being over 300 long stemmed blooms of this variety, Sunburst, Ophelia, Ward,



JOSEPH HEACOCK CO.'S ROSES AT THE NATIONAL FLOWER SHOW.
Some of the Prominent Baskets.



DREER'S EXHIBIT AT THE NATIONAL FLOWER SHOW.

Richmond, Francis Scott Key. Mrs. George Shawyer, White Killarney and Killarney Queen being the other sorts. This was truly a beautiful collection and the arrangement was cleverly done by the company's staff. Aside from the immense basket of American Beauties which occupied the center of the display, the arrangement of the other varieties was not as striking as in the other competing groups, there being more vases holding fewer flowers. On Sunday this exhibit was still intact and looked very presentable, while several vases had been removed from the Heacock group and the display of A. N. Pierson, Inc., had been entirely dismantled.

Adolph Farenwald, Roslyn, Pa., had a huge basket of 50 Killarney Brilliant which was a great feature, at all times surrounded by throngs of admiring visitors. This was the only entry, but it would have taken a wonder to have beaten him out.

Retailers' Rose Display.

In the class for baskets, bouquets and table arrangements for retailers, the lack of competition was the only disappointing feature of the show. For some reason the "artists" will not come out, but very few of them venturing into the open. While the prizes offered were liberal there were a number of classes for which there were no entries. In table decorations the first prize was carried off by the Forrest Flower Shop with a tall center arrangement of pink roses, around which

on the cloth was a narrow moss covered circle in four sections with two small standard trees of Sweetheart roses at each end and a garland of miniature roses connecting the same. Corsages of roses were also part of this display. The London Flower Shop was awarded second honors, a float of Prima Donna roses being used as a centerpiece with pink corsages. Voller's House of Flowers had a beautifully arranged basket of Mrs. Charles Russell as a centerpiece.

A gypsy basket artistically arranged with Mock and Sunburst captured first prize for Charles Henry Fox while another clever display in the basket class by the London Flower Shop was second in excellence.

In the entries of bouquets, a prettily arranged colonial bunch of Sweetheart and George Elgar roses won a blue ribbon for E. H. Slattery of Buffalo, N. Y. The London Flower Shop was first in the class for brides' bouquets with a shower of White Killarney with miniature white roses in the show without narrow ribbons. Voller's House of Flowers came second with a beautiful rose shower and ribbon arrangement.

Charles Henry Fox's entry of Bride roses was overlooked by the judges. This was a bridal muff bouquet (if it might be called a bouquet), correct in every detail, but in competition with the shower bunches it failed to score, doubtless because its identity was not discovered.

Carnation Arrangements.

Friday was "Carnation day" again, when the best arranged vases of blooms, covering 200 square feet of space, were the feature. There was only one entry, that of the Strafford Flower Farms, Strafford, Pa., while a healthy competition was desired, but the exceptional beauty of this grouping, with the careful attention to all details, and the splendid quality of the flowers, in a manner made up for the omissions. There were 17 large square wooden pedestals of varying height, painted black, arranged on a dark blue cloth 10x20 feet. The jars containing the flowers were painted, some blue and others black. There was also a large orange-colored bowl in the center of the display. Each vase was filled with 100 or more blooms of one color, five vases being of white, four were of blue and eight of light pink, the receptacles being placed upon the top of the pedestals, squares of gilt, yellow or blue embossed papers upon which they rested adding contrast, while pyramidal box trees arranged between the vases giving a pleasing green effect. As a whole this was the finest display, arranged for effect, that has ever been exhibited in the United States, and E. A. Stroud, proprietor of Strafford Flower Farms, is to be congratulated for this evidence of his skill and his generosity in going so far beyond schedule requirements.

Table decorations, basket arrangements and carnations in vases were also exhibited on this day, the displays

being judged by points. The Forrest Flower Shop, Philadelphia, Pa., had a table decoration that won out with a score of 90 points. In this arrangement a tall, slender, willow vase on a round plateau base was filled with *Gloriosa* and *Ward* carnations, acacia sprays being used for green. Corsages and boutonnières of carnations were used to complete the decoration. The center of the table of the London Flower Shop, Philadelphia, Pa., was a large black rose float filled with pink *Ward* carnations, pink snapdragons and *farleyense*. The corsages were of pink carnations and Sweetheart roses tied with silver cord. Gude Bros. Co., Washington, D. C., had a large center piece of pink carnations, relieved with white daisies and *farleyense*. The plateau basket was beautifully arranged. The corsages were of pink carnations. Both of these two tables scored 86 points. All three of the table entries mentioned were tastefully set with cut glass, china, etc. Voller's House of Flowers had a tall center of *Gloriosa*, pink *Ward* and white carnations arranged with *farleyense* for a base. This scored 70 points.

The Cottage Gardens Co., Queens, N. Y., won in the vase contest with a splendid, large arrangement of *Cottage Maid* and *White Wonder*. In the class for private gardeners, Wm. Kleinhertz was first and H. Barclay second. Both exhibited handsome vases.

The London Flower Shop won first prize with its high-handed gypsy basket filled with pink *Ward*, pink snapdragons and ferns. Voller's House of Flowers being second with a splendidly arranged basket of pink carnations with two-toned ribbon and tinsel butterflies.

The Sweet Pea Display.

Exquisitely beautiful in their dainty colorings, with magnificent flowers borne, many of them on 15-inch to 18-inch stems, were the hundreds of vases of these lovely and justly popular flowers. The exhibit for the most part was arranged on the rear sloping stage, where table after table, rising one above the other, presented a grand sight. The entry of J. H. Smith, Ridgefield, Conn., the largest collection of orchid flowering sorts, was varied and very high classed, *farleyense* being used as green to give contrast. William Sim, Cliftondale, Mass., was, as usual, a large exhibitor and his flowers were wonderfully fine. He received 16 first prizes in the 25, 50 and 100 classes, and also won the blue for the display covering 100 square feet. These were very tastefully arranged in large and small vases made into a pyramid, with ferns to add to the already graceful setting. W. Atlee Burpee & Co., Philadelphia, Pa., won second with a varied assortment of the best varieties and a number of new *Fordhook* seedlings not yet introduced. There was a green cloth background, with strings of *smilax* and *asparagus* festooned in front of the table. Supports containing small vases rose at intervals and these were filled with choice sprays, this method of elevating being much better than the level table display. Gude Brothers Co., Washington, D. C., covered a circle of 100 square feet with a garden effect; large tubs filled with sweet pea vines in blossom were placed around a circle, while between each tub was a wire stand containing tubes filled with cut sprays. In the center, rising high above the others, was a large tree-like effect with concealed tubes filled with

cut sprays. The ground was covered with green sheet moss. A space large enough to enter gave a garden effect to the whole, which was much admired.

A splendid table decoration of sweet peas was that of the London Flower Shop, Philadelphia, Pa. The table was elegantly furnished with china, glass, candelabra and other ware to make it complete. The decorations were an alabaster float filled with pink sweet peas, superb flowers. A quantity of pink *moline* surrounded the float, to which were attached birds, butterflies, etc. The same flowers were used for corsages. This elegant but simple entry won the blue. The Forrest Flower Shop, Philadelphia, had an elaborate table with a parasol of varied colored sweet peas rising from a basket vase. *Bisque* figures of women, clothed in skirts of different colored sweet peas worked in patterns, were placed at intervals around the center. There were corsages of pink sweet peas. This entry won second prize. Voller's House of Flowers, Philadelphia, had for a centerpiece a basket turned on its side on a plateau filled with sweet peas, making a very pretty effect.

In the class for baskets filled with sweet peas, Charles Henry Fox, Philadelphia, was first with a splendidly filled gypsy basket of *Yarrowa* and

Venus. Salmon ribbon and silver butterflies were a feature. Voller's House of Flowers was second, with a basket of splendid sprays, with pink and lavender ribbon. Gude Brothers Co. staged a tall basket of lavender peas that looked very showy.

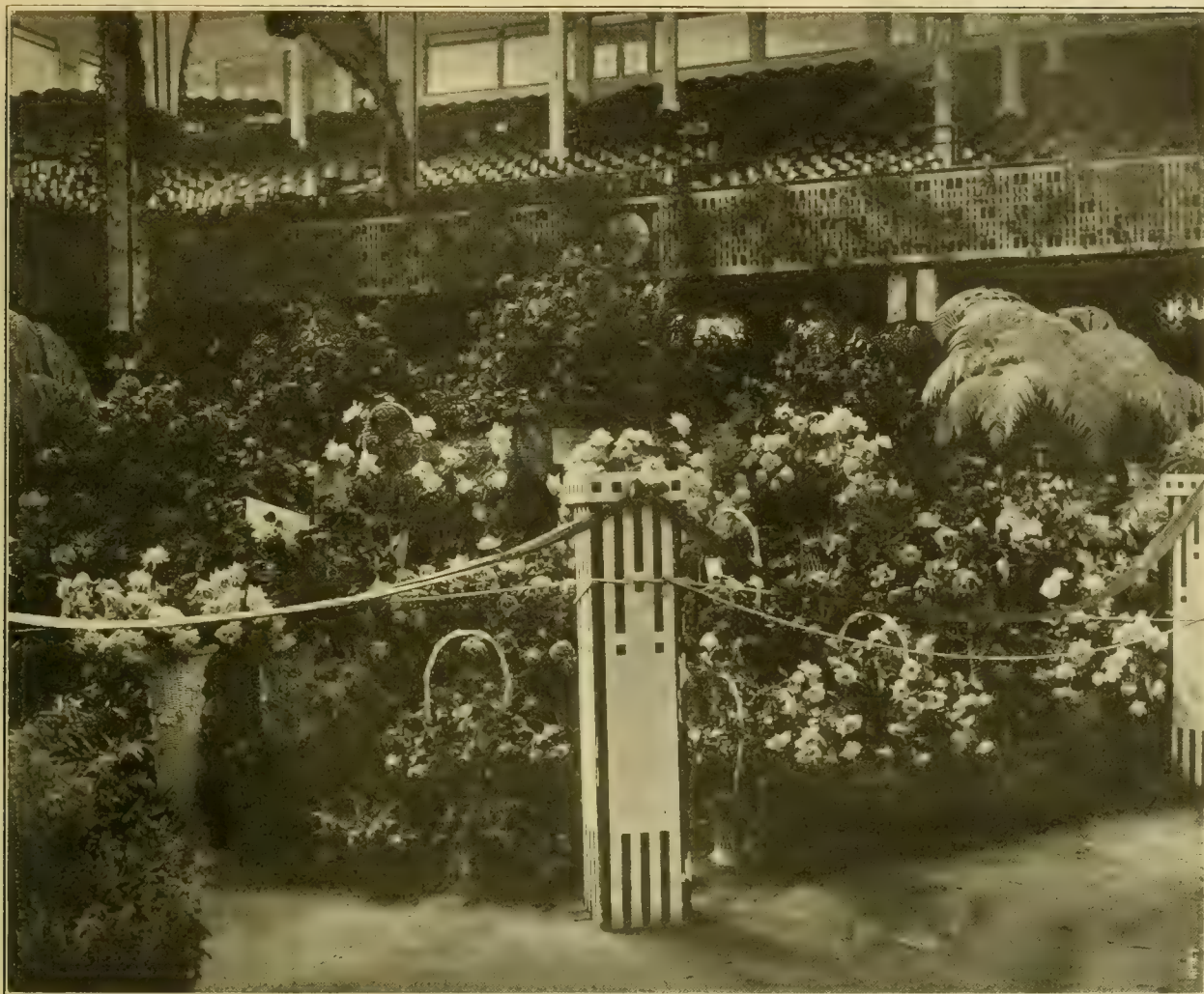
The bride's bouquet prize was won by the Forrest Flower Shop—all white sweet peas in shower effect, with a large broad ribbon bow. Voller's House of Flowers was second with a similar bunch, with ribbon shower. The corsages were well made, that of pink by the Forrest Flower Shop won first and one arranged by Gude Bros. Co. was second.

The Banquet.

Five hundred visiting and local members of the S. A. F. and their ladies were guests of the Florists' Club of Philadelphia at a banquet given in Horticultural hall, Wednesday evening. The large hall was nicely decorated with palms and *smilax*, while a profusion of roses, carnations, snapdragons and other flowers in vases and baskets embellished the tables. The officials and speakers were seated on an elevated platform extending across the stage end, while the guests' tables ran at right angles the length of the hall. After an excellent menu, with nothing stronger than coffee, Presi-



COTTAGE GARDENS CO. S PRIZE CARNATIONS AT THE NATIONAL FLOWER SHOW.



F. R. PIERSON CO.'S ROSES AT THE NATIONAL FLOWER SHOW.

dent George Burton spoke a few words of welcome, and then introduced J. Otto Thilow as the toastmaster, which position he filled in a masterly manner. He addressed the gathering as the bone and sinew of the business, and lauded the S. A. F. as a great factor in the florist industry of the country. Mayor Smith, who graced the occasion with his presence, made an address, welcoming the visitors and told of the many advantages of living in Philadelphia. He deplored the fact that he could not allow the Sunday opening of the exhibition, but law was law and he was compelled to enforce it, although he would like to have done otherwise. Philip Breitmeyer (the ever genial Phil) told of how, when he was getting first lessons in the business at Pennock Bros., he wired Safrano and Bon Silene roses to hold them together, and compared the best then with the wonderful blooms seen in variety at the present show, particularly the sweepstakes vase of Hadley staged by the Jos. Heacock Co., which was a revelation. He praised the wonderful rose garden of Henry A. Dreer, Inc., due to the indefatigable efforts of J. G. Eisele, whose love for flowers, particularly the rose, knew no bounds. While people attended the show and greatly admired the exhibits, he said he doubted if they appreciated the great work necessary to bring it to such perfection. He advocated the employment of women in cut flower stores, they being the best

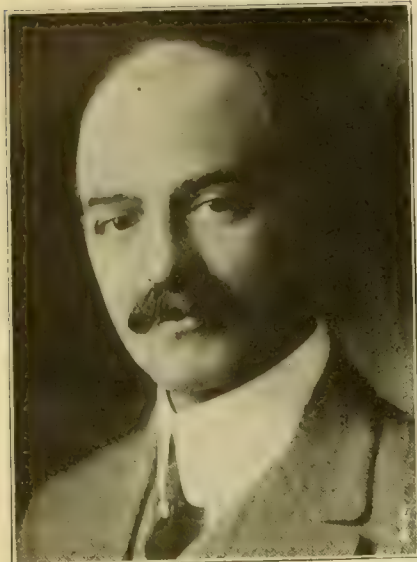
kind of assistants and the work being pleasant and very suitable for them. He said a good word for the Florists' Telegraph Delivery and laid stress on the fact that the trade generally does not realize the good business it was possible to get in this way. Five million dollars' worth of business had been handled so far by this association and there was no reason why this amount could not be increased to \$50,000,000.

Wallace Pierson, who still shook his head when the rose garden subject was broached, said he never held a grouch for more than four minutes, but he gave notice that he would get there next time and illustrated his points with witty stories. He spoke of the great difficulty in moving such perishable stock under such unfavorable weather conditions, having to go through two feet of snow to reach the railroad. The work of the department of agriculture at Washington, which, by showing examples of home adornment for the farm, gardens and lawns, was, he said, doing a great uplifting work, demonstrating how a few hundred dollars in ornamental planting created values out of all proportion to the amount invested. Successful outside rose growing, while easy on the Pacific coast, meant hard work in the eastern states. He lauded men such as Rev. Dr. Mills, who had made the state of New York a flower country, and added that he thought more work should be done for the amateur. The

forcing of roses, he stated, represented 60 per cent of the cut flower industry of America.

Several noted after dinner speakers kept the diners in good humor. J. A. Wood had never seen a rough or tough looking florist, and if he did, believed it would, on account of the refining influences of flowers, be his only salvation. J. Otto Thilow, in introducing Mr. Cattell, who was selected to toast the ladies, said that it was a woman, a California lady, who many years ago had written the first treatise on horticulture. Mr. Cattell said Adam would never have gotten a move on but for Eve, adding that flowers were God's way of writing love on the face of the earth. Happiness was like a shadow—it would follow you, but you could not go after it. He convulsed his hearers with the story of the man who planted a row of onions between his potatoes, so that the tubers' eyes would water and keep them moist in dry weather.

Wm. F. Gude read a number of telegrams selected from over 500 received from prominent officials and mayors of cities, which had been posted at the F. T. D. booth in the flower show, thanking the association for the flowers received and wishing them every success; also press notices of these gifts showing the wide publicity the work of the Florists' Telegraph Delivery had received by this brilliant idea, which had been so well carried out. Horticultural societies, he said, had done



Angelo J. Rossi.

Representing the Pacific Coast on S. A. F. Executive Board.

much service in encouraging the love for flowers. He decried the Sunday closing of the show, when the beautiful flowers preached a far greater sermon behind the closed doors of that empty building than any heard in the churches whose doors were open on that day.

Joseph Hill, president of the American Carnation Society, praised the work of those who had done so much to bring the wonderful display of cut flowers and plants together. The achievement of Miss Anna Jarvis in founding Mothers' day, which had done so much to popularize carnations, would, he said, be recognized by the society in a substantial way in the near future. Toastmaster Thilow read a letter from the Mothers' Day Association, of which Miss Jarvis is president, asking co-operation in making the coming Mothers' day celebration greater than any that has gone before.

W. F. Therkindson, publicity chairman, who did such heroic work for the show, told something of the methods by which he had been able to get some 350,000 lines of reading matter show publicity, at no cost for space to the S. A. F. It was the best advertised show of any description that has ever been held in Philadelphia. A quartet of good voices sang together and also as soloists, their numbers at intervals being very much enjoyed, and it was midnight before the programme was finished. It was the most successful affair ever given by the club.

Taplin's Impressions.

Possibly the strongest first impression one received upon entering Convention hall was the fact that the great hall presented such wonderful masses of brilliant color, and yet formed one harmonious whole. The second impression was that of quantity, for each exhibitor seemed to be bent upon having an abundance of material to fill his allotted space. In fact, if one were inclined to be critical, the criticism would be most natural that the majority of exhibits were too crowded, and yet this was a condition that would better be blamed on the size of the building, rather than on the lack of taste on the part

of the exhibitors. In other words, Convention hall, the largest hall in the city, proved to be far too small for such a wealth of material, for the very active and able committees in charge of the show had succeeded even beyond their expectations in interesting the horticultural world in the national show, and proved beyond a doubt that Philadelphia slowness was a pretty lively pace after all.

As for special features, the hall was full of them, but the exhibit of new Holland plants from Thos. Roland, Nahant, Mass., was again among the leaders, the plants arriving in splendid condition, were finely grown, beautifully flowered, and the arrangement was altogether charming.

Then there was that extremely tasty arrangement of orchids by the Julius Roehrs Co., Rutherford, N. J., that received a well-merited first prize, the living picture of miltonias in the back being exquisite, to say nothing of that happy touch of brilliant color in the foreground that was



W. J. Keimel,

Representing Illinois on S. A. F. Executive Board

gained from a good piece of *Sophrornitis grandiflora*. It was an artistic bit of work, and a credit to those who designed it.

The heaths and chorizemas and a number of other pretty and unusual plants in the display of Knight & Struck Co., Flushing, N. Y., attracted lots of attention from plant lovers in general, and as usual, were shown in admirable condition.

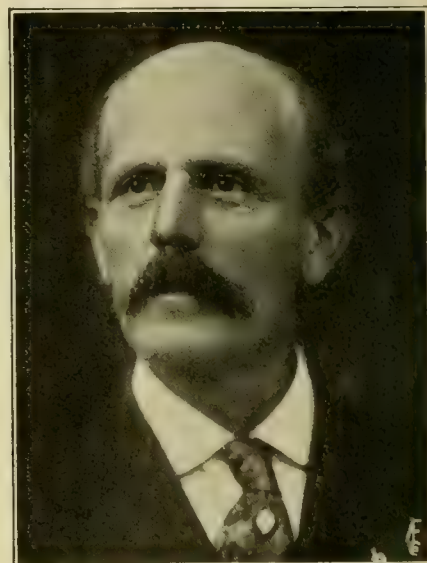
That large caryota shown by Wm. Kleinheinz, Ogontz, Pa., and staged in the centre of the hall, was truly a magnificent plant, and well deserved its commanding position, for it is rare that so perfect a specimen of this palm is seen. The same exhibitor showed quantities of other fine plants too, both foliage and flowering, and doubtless has a good string of blue ribbons to his credit. Another veteran among the private exhibitors is Thos. Long, who has presided so ably over the plant collections at the Drexel place at Bryn Mawr, Pa., for many years, and who is always on the job at the Philadelphia shows. There were lots of fine plants in his exhibit on

this occasion, but a specimen of *Cyrto-stachys Renda*, a palm with bright red leafstalks and pinnate leaves, was particularly fine.

Of course there were other orchid exhibits in addition to that of the Roehrs' Co., and great quantities of well-flowered plants among them, the Roebling collection being especially noteworthy on account of the great number of rare species and varieties contained therein, and also on account of the pleasing arrangement of the plants, while the exhibits of Louis Burk and that of Lager & Hurrell, Summit, N. J., were as much in themselves as the total exhibits in the orchid classes at some shows.

And then there were rose gardens, and right here we want to stop long enough to say that this feature is one that appeals to the general public, for at every one of these gardens the streams of visitors stop, look, and listen, while the patient attendants answer the multitudinous questions that are fired at them. The Robert Craig Co., Philadelphia, Pa., put up a fine arrangement in their rose garden, an exhibit embodying many artistic features and lots of nice plants, chiefly of the rambler and polyantha types, and in the competitive class were awarded first prize. A. N. Pierson, Inc., Cromwell, Conn., and M. H. Walsh, Woods Hole, Mass., also showed good roses and good taste in their arrangement, but the rose garden displayed by Henry A. Dreer, Inc., Philadelphia, Pa., and to which were awarded two gold medals, one from the S. A. F., and one from the American Rose Society, was generally conceded to be a distinct advance in displays of this character, the arrangement having a natural effect and the material being of the best; in fact, many enthusiastic people declared that no such roses had been shown before in the United States. This collection was composed entirely of hybrid teas, of which there were 23 varieties, and all in the pink of condition, and a few ramblers were used to decorate the fence and arches at the entrances.

Trade exhibitors were many in miscellaneous flowering plants, Wm. K.



Chas. L. Baum,

Representing Tennessee on S. A. E. Executive Board.



George Burton,
President Florists' Club of Philadelphia.



Richard Vincent, Jr.,
President American Dahlia Society.



J. A. Peterson.
Member of S. A. F. Executive Board.



J. J. Hess.
Member of S. A. F. Executive Board.



R. C. Kerr.
Vice-President Society of American Florists.



Fred Cowperthwaite.
Chairman Information Committee.



W. N. Craig.
President National Association of Gardeners.



Wm. Gray.
President American Sweet Pea Society.



Chas. H. Grakelow.
Chairman Special Features Committee.

SOME MORE OF THE PROMINENT MEN IDENTIFIED WITH THE FOURTH NATIONAL FLOWER SHOW, PHILADELPHIA, PA.



THOMAS ROLAND'S ACACIA EXHIBIT AT THE NATIONAL FLOWER SHOW.

Harris, Philadelphia, Pa., showing a fine line of stock, a feature that is not unusual for this good grower, and then there were forced bulbs in abundance from many growers, the bulb beds of the Henry F. Michell Co., Inc., also of Philadelphia, being very well set up, and forming part of a Dutch garden.

A small lot of Japanese maples arranged by Thos. Meehan & Sons, Germantown, Pa., formed a very neat exhibit, but then they were practically all neat exhibits, and there were lots of them, and on the whole, Philadelphia feels pretty well, thank thee, so far as exhibitions are concerned.

How the Trade Exhibitors Profited.

Henry A. Dreer, Inc., feel that as an advertising venture, it was a most successful one.

"Very good business", said J. W. Boas, Philadelphia.

The Edwards Folding Box Co., Philadelphia, Pa., will take twice the space for their exhibit at the next national show.

A. L. Randall Co., Chicago: "Never saw so many of the trade at a show before; unusually good business."

The A. W. Smith Co., Pittsburgh, Pa., landscape gardeners, reports splendid results.

S. S. Pennock-Meehan Co., Philadelphia, had good results both at their booth and the store.

Hitchings & Co. had better results than at any previous show.

Wertheimer Bros., New York, booked good business and met more of the trade than at any previous exhibition.

Benjamin Hammond, of Hammond's Paint & Slug Shot Works, Beacon, N. Y.: "Compares very favorably with S. A. F. trade exhibitions."

Coldwell Lawn Mower Co., Newburgh, N. Y., had the best business ever secured at any trade exhibition.

Joseph G. Neidinger, Philadelphia, Pa., made many sales and met more of the trade than ever before at an exhibition.

It was the first exhibit of the Spencer Automatic Heater Co. in connection with the florist trade but this firm says it was certainly a great success.

John C. Moninger Co., Chicago: "Many new customers, excellent business and good prospects."

M. Rice Co., Philadelphia, Pa., reports that the attendance from all parts of the country was wonderful and results from a business standpoint were very good.

H. Bayersdorfer & Co., Philadelphia, were never so busy before, both at their exhibit in the hall and at the store.

John A. Evans Co., Richmond, Ind., are very well satisfied. Excellent business was booked and good prospects in sight.

Advance Co. Richmond, Ind., reports that everybody they wanted to see seemed to be at the show and they had splendid results.

The Lectures.

The lectures, which were free and to which all visitors to the show were invited, were a feature much appreciated, and the large room set aside for the purpose was taxed to its full capacity at every lecture. The room seated 350 persons, but it was often the case that 100 or more were standing around the outside aisles. As an added attraction, moving pictures of the Pasadena flower pageant were shown at the close of each talk. The lectures, all of which were illustrated, were given each afternoon and evening, the subjects and speakers being as follows: "Home Grounds", by W. N. Rudd; "Rock Gardens", by Richard Rothe; "Orchids", by Professor E. A. White; Demonstration of flower arrangement and color combination, by Max Schling; "Roses", by Robert Pyle; "School Gardens", by Miss Caro Miller; "Explorations in Japan", by Frank N. Meyer; "Dahlias", by Richard Vincent, Jr.; "Flowers from Snow to Snow", by J. Otto Thilow; "School of Horticulture for Women", by Miss Elizabeth L. Lee; "Civics for Home and Municipality", by J. Horace McFarland; "Bulbs for Summer Bloom", by E. I. Wilde; "Gladioli", by Arthur Cowee.

The Workers.

The credit for the success of this great show belongs to so many people, those of the local craft who worked so hard for the honor of this city, and the officers and national flower show



JULIUS ROEHRS CO.'S ROCK GARDEN AT THE NATIONAL FLOWER SHOW.

committee of the S. A. F., who have given so much of their time at the former shows for the preliminaries, such as schedule making, working up enthusiasm, providing for the financial end, etc., that one can scarcely name them all. Of the national flower show committee, Thos. Roland, John Young, George Asmus, Chas. H. Totty, Adolph Farenwald and Wm. Craig appeared to be always on the job. Arthur Herrington, the manager, who was called upon at the last minute, was the right man in the right place, and straightened out the congestion after the first day, very much improving the appearance of the show. Wm. Kleinheinz secured exhibits from everywhere—his work was most valuable. W. F. Therkildson was the man who brought the people there; no such efforts in awakening the public to any similar enterprise on this or other lines have ever aroused half the enthusiasm shown here. Very much of the success is due to his great efforts. The trade ticket committee, with E. J. Fancourt chairman, and Mark P. Mills, W. K. Harris, E. C. Dungan, Alfred Burton and others, worked very hard and produced phenomenal results—all honor to them. Fred Cowperthwaite and his committee were also a great factor after the show opened.

Michell's Dutch Garden.

The exhibit of Michell's Seed House might truly be termed "A Leedle Bit of Holland." The rear was formed by a beautiful oil painting depicting mas-

sive beds of tulips and hyacinths in bloom. Even the quaint windmill had not been overlooked, with its revolving wheel of four paddles, each outlined with miniature electric lights, producing a novel effect that attracted the eye as one came into Convention hall at the main entrance. At the base of the landscape scene was a row of boxwood in front of which were planted in tasteful form, lily of the valley, funkias, and andromeda with its attractive red foliage. In front of this background was formed one of the finest pieces of real sod turf, greenhouse grown. This looked so beautiful and perfect that some spectators refused to believe that it was real sod, and these "doubting Thomases" were permitted to satisfy themselves by putting their hands on it. This lawn effect surrounded the attractive fence enclosure on all sides.

In the center of the garden were three gorgeous flower beds made of hyacinths and tulips in choice variety, Grand Maitre, Queen of Pinks and Grandesse hyacinths and Kaiserskroon tulips being predominant. The garden walks were formed of small, clean pebbles that set it off wonderfully, while an attractive stone bench or a vase here and there added finish. Even the store bird bath with birds perched thereon had not been overlooked. Scattered through the garden at intervals were selected specimens of pyramidal, tree shaped and standard boxwood in stone vases. At the front, just inside the enclosure,

was an attractive border made of Giant-flowering pansies in full bloom. Intermingled with these were English daisies, forget-me-nots and early-flowering perennials, the already beautiful effect being enhanced in the corners or ends with dwarf Japanese maples, mountain laurels and rhododendrons in bloom. At the corners of the garden enclosure and on the side pillars were entwined flowering roses, while a pergola connected the garden with a greenhouse, the benches of which were banked with cyclamens, calceolarias, cinerarias, rhododendrons, lilacs, bougainvilleas and numerous other early spring flowering plants, all at their best. The garden was given additional finish in the presence of a boy and a girl dressed in Dutch costume, an attractive feature of the exhibit.

The entire decorative scheme was the work of the Michell Co.'s decorative expert, Philip Freund, while practically the entire display was grown especially for the flower show at the company's nurseries. On the lawn outside of the entrance to Convention hall, an endless variety of attractive highly colored evergreens and box-bush had been planted by this firm. These plantings were intermingled with settings of hyacinths and narcissi in full glory, while on the lawn an American flag was executed in a clever manner in red, white and blue hyacinths, the pole being worked out in yellow narcissi. The indoor exhibit of the Michell Co. was awarded first prize and the gold medal for the most artistic garden.

Antique Flower Pots.

The accompanying illustration is of the collection of antique pots collected by the Whildin Pottery Co., Philadelphia, Pa., from a number of points in Pennsylvania. A number of them are 50 years old and represent the industry before the age of machinery. Some are square in shape and others round and scarcely taper at all. It was a very interesting exhibit, but was unfortunately marred by an accident, a large plant falling against the case in which they were displayed, breaking about one-fourth of them.

Additional Awards.

The following awards were made by the judges, supplementary to those reported in our issue of April 1, pages 526-527:

SECTION A.

Plants in Flower—Private Growers.

Acacias, three plants—Wm. Kleinheinz, Gontz, Pa., 1st.
 Amaryllis hybrid, 12 plants—Howard Gould, Pt. Washington, N. Y., 1st.
 Amaryllis hybrid, 4 pots—L. Ellis, Fox Hill, Bryn Mawr, Pa., 1st.
 Anthuriums, six plants—J. H. Dodd, Lindenhurst, 1st.
 Anthurium specimen—J. H. Dodd, 1st; S. T. Bodine, Villanova, 2nd.
 Cineraria stellata, six plants—Edgar Scott, Lansdowne, Pa., 1st; J. T. Whitaker, Elkins Park, 2nd.
 Cineraria hybrida, six plants—Josef Goetter, Devon, Pa., 1st; L. Batchler, Chestnutwood Farm, Pa., 2nd.
 Cineraria specimen, any variety—Edgar T. Scott, 1st; J. T. Whitaker, 2nd.
 Cyclamen, 12 plants—J. W. Pepper, 1st; J. L. Dodd, 2nd.
 Gardenias, six plants—J. H. Dodd, 1st; W. L. Austin, Rosemont, 2nd.
 Genista, specimen—G. H. McFadden, Rosemont, 1st; J. W. Pepper, 2nd.
 Heliotrope, three plants—W. L. Ellis, 1st; Mrs. Charles Wheeler, Bryn Mawr, 2nd.
 Hydrangea, French, six varieties—J. W. Pepper, 1st.
 Lilac, five varieties—Wm. Kleinheinz, 1st; J. H. Dodd, 2nd.
 Marguerite, specimen—John Gribbel, Wyncote, Pa., 1st; E. H. Schmidt, Radnor, 2nd.
 Nemesia strumosa Suttoni—J. H. Dodd, 1st; C. L. Ellis, 2nd.
 Pansies, display of plants in bloom—J. H. Dodd, 1st; W. L. Ellis, 2nd.
 Primula chinensis, six plants—W. L. Ellis, 1st; Mrs. Chas. Wheeler, 2nd.

SECTION F.

Roses in Pots and Tubs—Private Growers.

Six climbing or rambler, three or more varieties—John Wanamaker, Lindenhurst, Wyncote, Pa., silver cup.
 John W. Pepper, Jenkintown, Pa., won each of the following classes: Dorothy Perkins, Lady Gay or Minnehaha, Tausendschon, Hiawatha, Excelsa or Crimson Rambler, Mrs. M. H. Walsh or White Dorothy Perkins. Any other single-flowered variety specimen and any other double or semi-double flowered variety specimen.

Cut Roses—Private Growers.

Twelve American Beauty—Wm. Kleinheinz, 1st; J. B. Duke, Somerville, N. J., 2nd.
 Twelve Mrs. Charles Russell—John A. Brown, Devon, Pa., 1st.
 Twelve Killarney B't.—Wm. Kleinheinz, 1st.
 Twelve Killarney or Double Pink Killarney—E. L. Welsh, Chestnut Hill, Pa., 1st.
 Twelve White Killarney or any Killarney white sport—Hamilton Farms, Gladstone, N. J., 1st; E. L. Welsh, 2nd.
 Twelve Prince d'Arenberg—Wm. Kleinheinz, 1st.
 Twelve Ophelia—Wm. Kleinheinz, 1st; Hamilton Farms, 2nd.
 Twelve Sunburst—Hamilton Farms, 1st.
 Twelve Mrs. Aaron Ward—E. L. Welsh.
 Twelve sprays Cecile Brunner—E. L. Welsh.
 Twelve sprays any single rose—E. L. Welsh.
 Twelve any other disseminated white—Wm. Kleinheinz, 1st.
 Twelve any other disseminated yellow—Wm. Kleinheinz, 1st.
 Any other disseminated red—Hamilton Farms, 1st; Wm. Kleinheinz, 2nd.
 Any other disseminated pink—Wm. Kleinheinz, 1st.

SECTION G.

Carnations—Private Growers.

Twenty-five blooms, white—Countess of Santa Eulalia, Elkins Park, Pa., 1st; Wm. Kleinheinz, 2nd.
 Twenty-five blooms, flesh pink—Mrs. Wm. Austin, 1st; Wm. Kleinheinz, 2nd.
 Twenty-five blooms, light pink—Wm. L. Ellis, 1st; Wm. Kleinheinz, 2nd.
 Twenty-five blooms, dark pink—Wm. Kleinheinz, 1st; Geo. W. Elkins, 2nd.
 Twenty-five blooms, red or scarlet—Wm. Kleinheinz, 1st; Hamilton Farms, 2nd.
 Twenty-five blooms, crimson—Wm. Graham, Greenwich, Conn., 1st; Hamilton Farms, 2nd.
 Twenty-five blooms, variegated—Countess of Santa Eulalia, 1st; W. L. Ellis, 2nd.
 Twenty-five blooms, any other color—W. L. Ellis, 1st.
 Vase of carnations, not to exceed 150 blooms—Wm. Kleinheinz, 1st; Miss Anne Thompson, Merion, 2nd.



Antique Flower Pots at National Show.
 Exhibited by Whildin Pottery Co., Philadelphia.

SECTION J.

Sweet Peas.

Twenty-five sprays pink and white—Wm. Sim, Cliftondale, Mass., 1st; John M. Barker, Morristown, N. J., 2nd; Allan Harvey, Brandywine, Summit, Pa., 3rd.
 Twenty-five sprays deep pink or rose—Wm. Sim, 1st; Allan Harvey, 2nd; Mrs. A. Gontram, Holmesburg, Philadelphia, Pa., 3rd.
 Twenty-five sprays light pink—Wm. Sim, 1st; R. M. Isenhart, Torresdale, Philadelphia, 2nd; Allan Harvey, 3rd.
 Twenty-five sprays cream pink or salmon—R. M. Isenhart, 1st; John M. Barker, 2nd; Gude Bros. Co., 3rd.
 Twenty-five sprays blue or purple—Gude Bros. Co., 1st; Wm. Sim, 2nd; F. C. Luckenbacker, New York, 3rd.
 Twenty-five sprays red or crimson—Wm. Sim, 1st; John M. Barker, 2nd; Allan Harvey, 3rd.
 Twenty-five sprays light lavender—Wm. Sim, 1st; Mrs. A. Gontram, 2nd; Gude Bros. Co., 3rd.
 Twenty-five sprays dark lavender—Gude Bros. Co., 1st.
 Twenty-five sprays orange—Wm. Sim, 1st; R. M. Isenhart, 2nd; John H. Dunlop, 3rd.
 Twenty-five sprays any other color—R. M. Isenhart, 1st; John M. Barker, 2nd.
 Fifty sprays pink and white—Wm. Sim, 1st; Mrs. A. Gontram, 2nd; Allan Harvey, 3rd.

Fifty sprays white—Wm. Sim, 1st; Allan Harvey, 2nd; John M. Barker, 3rd.
 Fifty sprays deep pink or rose—Wm. Sim, 1st; R. M. Isenhart, 2nd; Mrs. A. Gontram, 3rd.
 Fifty sprays light pink—R. M. Isenhart, 1st; F. C. Luckenbacker, 2nd; John M. Barker, 3rd.
 Fifty sprays cream pink or salmon—Wm. Sim, 1st; R. M. Isenhart, 2nd; Gude Bros. Co., 3rd.
 Fifty sprays blue or purple—Wm. Sim, 1st; John M. Barker, 2nd; Gude Bros. Co., 3rd.
 Fifty sprays red or crimson—Wm. Sim, 1st; John M. Barker, 2nd; Gude Bros. Co., 3rd.
 Fifty sprays light lavender—Wm. Sim, 1st; Gude Bros. Co., 2nd; John M. Barker, 3rd.
 Fifty sprays dark lavender—Wm. Sim, 1st; Mrs. A. Gontram, 2nd; John M. Barker, 3rd.
 Fifty sprays orange—Wm. Sim, 1st; Mrs. A. Gontram, 2nd; Gude Bros. Co., 3rd.
 Fifty sprays any other color—R. M. Isenhart, 1st; John M. Barker, 2nd; Gude Bros. Co., 3rd.
 Vase 100 sprays one color—John M. Barker, 1st; John H. Dunlop, 2nd.
 Vase 100 sprays combination of two or more colors—Mrs. A. Gontram, 1st; Chas. A. Zvolanek, Bound Brook, N. J., 2nd.
 Vase 100 sprays of new sweet pea Sensation—Wm. Sim, 1st.
 Vase 100 sprays Rose Queen—Wm. Sim, 1st; R. M. Isenhart, 2nd.
 Vase of sweet peas without foliage—R. M. Isenhart, 1st; Allan Harvey, 2nd.
 Display of sweet peas, covering 100 sq. ft.—Wm. Sim, 1st; W. Atlee Burpee & Co., Philadelphia, Pa., 2nd.
 The best and largest collection of winter-flowering grandiflora and orchid sweet peas—J. H. Smith, Ridgefield, Conn., 1st; Gude Bros. Co., 2nd.
 Six vases sweet peas, 12 sprays (private gardeners only)—J. H. Smith, 1st; Mrs. C. Bradley, Convent, N. J., 2nd.
 Table decorations of sweet peas—London Flower Shop, Philadelphia, Pa., 1st; Forrest Flower Shop, Philadelphia, Pa., 2nd.
 Basket of sweet peas—Charles Henry Fox, Philadelphia, Pa., 1st; Voller's House of Flowers, Philadelphia, Pa., 2nd.
 Bride's bouquet of sweet peas—Forrest Flower Shop, 1st; Voller's House of Flowers, 2nd.
 Corsage bouquet of sweet peas—Forrest Flower Shop, 1st; Gude Bros. Co., 2nd.

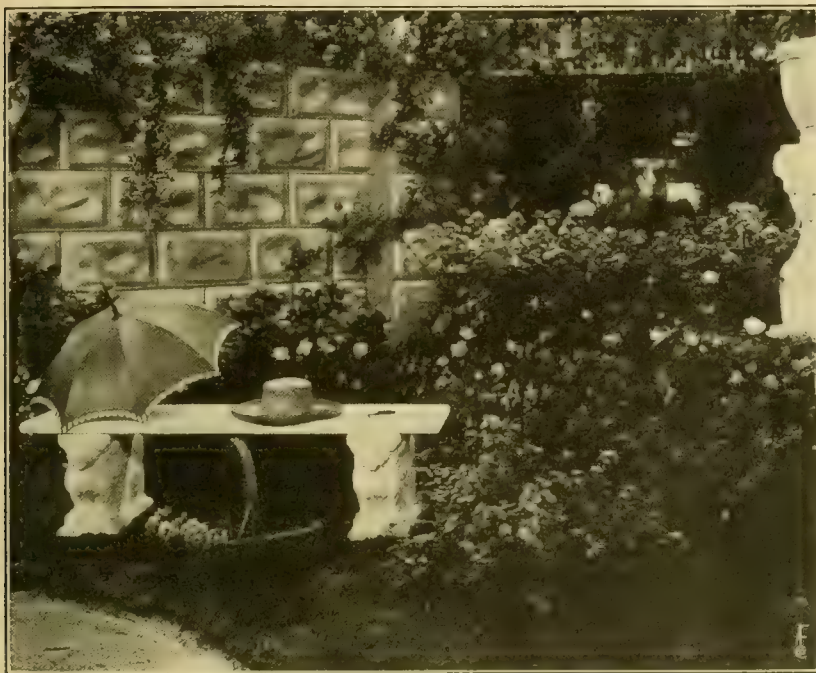
SECTION P.

Roses in Pots and Tubs—Commercial Growers.

Display rose plants—A. N. Pierson, Inc., Cromwell Conn., 1st; Robt. Craig Co., Philadelphia, Pa., 2nd.
 Dorothy Perkins, Lady Gay or Minnehaha—M. H. Walsh, Woods Hole, Mass., 1st.
 Tausendschon—A. N. Pierson, Inc., 1st.
 Hiawatha—M. H. Walsh, 1st.
 Excelsa or Crimson Rambler—M. H. Walsh, 1st; Robt. Craig Co., 2nd.
 Mrs. M. H. Walsh or Dorothy Perkins—M. H. Walsh, 1st.
 Any other single-flowered variety—M. H. Walsh, 1st; A. N. Pierson, Inc., 2nd.
 Any other double or semi-double flowered variety—A. N. Pierson, 1st; M. H. Walsh, 2nd.
 Best new variety not in commerce—Silver medals to M. H. Walsh, A. N. Pierson, Inc., and R. Witterstaetter, Cincinnati, O.

Cut Roses.

One hundred American Beauty roses—Myers & Samtman, Chestnut Hill, Pa., 1st; George Burton, Chestnut Hill, Pa., 2nd; L. A. Noe, Madison, N. J., 3rd.
 Fifty American Beauty roses—Myers & Samtman, 1st; F. R. Pierson Co., Tarrytown, N. Y., 2nd; L. A. Noe, 3rd.
 One hundred Mrs. Charles Russell—French & Salm, Union Grove, Wis., 1st; Aug. Doemling, Lansdowne, Pa., 2nd.
 Fifty Mrs. Charles Russell—Robt. Scott & Sons, Sharon Hill, Pa., 1st; John H. Dunlop, Toronto, Ont., 2nd.
 One hundred Mrs. George Shawyer—John H. Dunlop, 1st; A. N. Pierson, Inc., 2nd.
 Fifty Killarney Brilliant—A. Farenwald, Roslyn, Pa., 1st; Joseph Heacock Co., Wyncote, Pa., 2nd.
 Fifty Killarney Queen—Bedford Flower Co., New York, 1st; F. R. Pierson Co., 2nd.
 Fifty Killarneys or double pink Killarneys—Joseph Heacock Co., 1st; John R. Andre, Doylestown, Pa., 2nd.
 Fifty White Killarney or any Killarney white sport—A. N. Pierson, Inc., 1st; Joseph Heacock Co., 2nd.
 Fifty Hoosier Beauties—Joseph Heacock Co., 1st; A. N. Pierson, Inc., 2nd.
 Fifty Prince d'Arenberg—A. N. Pierson, 2nd.
 Fifty Hadley—Joseph Heacock 1st; A. S. Burns, Jr., Spring Valley, N. Y., 2nd.
 Fifty Mrs. George Shawyer—A. N. Pierson, Inc., 1st; A. Farenwald, 2nd.



SCENE AT THE NATIONAL FLOWER SHOW.

Fifty Lady Alice Stanley—John W. Young, Philadelphia, Pa., 1st; A. N. Pierson, Inc., 2nd.
 Fifty Radiance—Joseph Heacock Co., 1st; Gude Bros. Co., Washington, D. C., 2nd.
 Fifty My Maryland—John W. Young, 1st; James Verner, 2nd.
 Fifty Jonkheer J. L. Mock—Robert Simpson, Clifton, N. J., 1st; Myers & Samtman, 2nd.
 Fifty Ophelia—Joseph Heacock Co., 1st; Stephen Morenson, Southampton, Pa., 2nd.
 Fifty Sunburst—F. R. Pierson Co., 1st; J. H. Dunlop, 2nd.
 Fifty Mrs. Aaron Ward—Robert Simpson, 1st; Gude Bros. Co., 2nd.
 Fifty Francis Scott Key—A. N. Pierson, Inc., 1st; August Doemling, 2nd.
 Fifty any other disseminated red—F. R. Pierson, 1st; Gude Bros. Co., 2nd.
 Fifty any other disseminated pink—The Florex Gardens, North Wales, Pa., 1st; F. H. Kramer, Washington, D. C., 2nd.
 Fifty blooms of any new rose not in commerce—Waban Rose Conservatories, Natick, Mass., 1st.
 Best display of cut roses covering 200 square feet of space—A. N. Pierson, Inc., 1st; Joseph Heacock Co., 2nd; F. R. Pierson Co., 3rd.

Retail Florists' Exhibit.

Corsage bouquet of roses—Voller's House of Flowers, 1st; Forrest Flower Shop, 2nd.
 Bridal bouquet of roses—Forrest Flower Shop, 1st; Voller's House of Flowers, 2nd.
 Basket bouquet of roses—Charles Henry Fox, Philadelphia, Pa., 1st; London Flower Shop, 2nd.
 Table decoration of roses—Forrest Flower Shop, 1st; London Flower Shop, 2nd.
 Best bouquet of miniature roses—E. H. Slatery, Buffalo, N. Y., 1st.

SECTION Q.

Carnations—Commercial Growers.

Vase 100 blooms, white—Cottage Gardens Co., Queens, L. I., N. Y., 1st; A. A. Pembroke, Beverly, Mass., 2nd.
 Vase 100 flesh pink blooms—A. A. Pembroke, 1st; Wm. Wunder, Philadelphia, Pa., 2nd.
 Vase 100 blooms, light pink—A. A. Pembroke, 1st; Cottage Gardens Co., 2nd.
 Vase 100 blooms, dark pink—A. A. Pembroke, 1st; Cottage Gardens Co., 2nd.
 Vase 100 blooms, red or scarlet—Cottage Gardens Co., 1st; Wm. A. Dawson, 2nd.
 Vase 100 blooms, crimson—J. W. Minniott Co., Portland, Me., 1st; A. N. Pierson, 2nd.
 Vase 100 blooms, variegated—Halifax Gardens Co., Halifax, Mass., 1st; E. F. Lieker, Lansdowne, Pa., 2nd.
 Best vase shown in this class—Cottage Gardens Co., silver medal; A. A. Pembroke, bronze medal.
 White Wonder—E. F. Lieker, 1st; L. H. Dudman, Llanerch, Pa., 2nd.
 Any other white—Strout's, Biddeford, Me., 1st; Halifax Gardens, 2nd.

Enchantress Supreme—Halifax Gardens, 1st.
 Any other flesh pink—Cottage Gardens Co., 1st; Strout's, 2nd.
 Gloriosa—J. Goddard, Framingham, Mass., 1st.
 Mrs. C. W. Ward—A. Harvey & Son, Brandywine Summit, Pa., 1st; Brinbauer, Philadelphia, 2nd.
 Any other pink—Cottage Gardens Co., 1st; E. P. Lieker, 2nd.
 Beacon—Halifax Gardens Co., 1st; J. W. Minniott Co., 2nd.
 Any other scarlet—A. W. Harvey & Sons, 1st; C. L. Duerer, Westfield, N. J., 2nd.
 Pocahontas—Strout's, 1st.
 Benora—A. A. Pembroke, 1st; Halifax Gardens Co., 2nd.
 Any yellow or yellow variegated—S. J. Goddard, 1st.
 Twelve largest carnation blooms—E. G. Hill Co., Richmond, Ind., 1st.
 Best display of carnation blooms covering 150 square feet—Straford Flower Farms, Straford, Pa., 1st.
 Best vase of carnations, not to exceed 300 blooms—Cottage Gardens Co., 1st.

Retail Florists' Exhibits.

Table decoration of carnations—Forrest Flower Shop, 1st; tie for second between London Flower Shop and Gude Bros. Co.; Voller's House of Flowers, 3rd.

Basket of carnations—Voller's House of Flowers, 1st; London Flower Shop, 2nd; Forrest Flower Shop, 3rd.

A London Flower Show.

See the faces of the flowers,
 Strange and fair,
 Watching through the weary hours
 While the herded humans stare.

Like country saints brought up to town
 From cloistering wood and lonely down,
 Remote they seem;
 Wrapt in a wistful dream
 Of upland meadows fragrant to the sun,
 Rich with an ardent life for ever new-begun,
 And quickening winds that go
 With ghostly steps across the supple grass,
 Shaking from all who grow
 Music of adoration as they pass.
 In this sad air, they say,
 No plant can pray.

Here is a daffodil,
 Six-winged, as seraphs are;
 They took her from a Spanish hill,
 Wild as a wind-blown star.
 When she was born
 The angels came
 And showed her how her petals should be worn.
 Now she is tame—
 She hath a Latin name.

There, set in mimic rock—
 As if to mock
 The ultimate austerities of love
 That must in poverty its passion prove—
 A mountain hermit in his furry dress;
 Brought from the creviced height where he alone
 Sang from the sheltering stone
 Perpetual psalm of joy.
 And did his private ecstasy confess;
 Forced to disclose
 The secret that he whispered to the snows,
 And sold to make a gardening woman's toy.

Yet, with their homesick eyes
 As other saints,
 So these evangelize;
 Into our smutty streets, where beauty faints
 Bringing authentic news
 Of Paradise.
 How shall a flower refuse
 In heathen lands her gospel to declare?
 Dost she not wear
 The sacred sigil of the Only Fair
 In this shut room
 She may not bloom
 With the exuberant splendor of the free,
 Crying in colored joy her crescent ecstasy:
 But still,
 As generous lovers will,
 She can exult to share his saving pain:
 And, exiled from the field,
 Her wild sweet magic yield
 As part of Perfect Beauty's passion to be slain.
 —Evelyn Underhill.



TABLE DECORATION AT NATIONAL FLOWER SHOW.

His ory of the Florists' Club of Philadelphia.

Abstract of paper read by Secretary David Rust before the Florists' Club of Philadelphia.

The permanent organization of the Florists' Club of Philadelphia was effected on October 5, 1886, with Robert Craig as president and Edwin Lonsdale, secretary, although for a year previous there had been a body known under this name, organized primarily to entertain the members of the Society of American Florists at their annual convention to be held in August, 1886. Previous to this temporary organization of the club there had been two societies formed, the Growers' Association, which held meetings at Bull Head Hotel in West Philadelphia for the purpose of fixing prices, chiefly of soft-wooded plants, and the Florists' and Growers' Association which met at Thirteenth and Market streets. The latter, when the club was formed, had been in existence about three years, for in THE AMERICAN FLORIST of March, 1886, appeared an extract from the Philadelphia Times stating that the florists of Philadelphia held their third annual banquet January 17, and that Robert Kift presided.

The records of the temporary organization and also the first year of the permanent organization can not be found, and the first reference to the club at hand was in a resolution adopted by the Pennsylvania Horticultural Society April 20, 1886, endorsing the Florists' Club of Philadelphia, then being organized, and asking its members to contribute towards defraying the necessary expenses of the annual convention of the Society of American Florists and the entertainment of the delegates. The conveniency, one of the features being the entertainment of the delegates by George W. Childs at his country place, "Wootton," Bryn Mawr, at which there was an attendance of 800 persons. A group picture of this we have hanging in the club room, and in token of his kindness the club presented Mr. Childs with a large bronze vase filled with foliage plants, of which we also have a photograph. The delegates were also taken to Atlantic City and entertained at dinner at the United States Hotel by the club.

After all expenses had been met there remained \$600, and it was having this money on hand that started the idea of forming a permanent organization. In the issue of November 15, 1886, of THE AMERICAN FLORIST, Edwin Lonsdale, speaking of the Florists' Club, says, "It has now been made a permanent organization—that is to say, it was organized temporarily for the purpose of aiding the convention of the S. A. F., but it had such an influence on all concerned that there was nothing left but for it to become permanent. It is destined to be of service to both the national society and to the Pennsylvania Horticultural Society," which plainly shows that up to this time there was only a temporary organization. The first records we have are dated October 4, 1887, at which, being the annual meeting, the following officers were elected: Robert Craig, president; Charles D. Ball, vice-president; Thomas Cartledge, treasurer; D. D. L. Farson, secretary. The auditing committee reported a balance on hand of \$624.95,

the meetings at this time being held in the library room, Horticultural Hall. A movement had been started and a committee appointed to see if a building could not be bought for a club house and market combined, and the first annual dinner was held on the opening night of the chrysanthemum show. The same officers were elected for the succeeding five years with the exception of the secretary, D. D. L. Farson resigning in November, 1888, and Henry F. Michel elected. On December 29, 1888, the charter was granted, the members who signed the charter list being: Robert Craig, Charles D. Ball, John Wescott, Edwin Lonsdale, Wm. K. Harris, D. D. L. Farson, Thomas Cartledge, Robert Kift, W. W. Coles, Henry F. Michel, J. W. Colflesh and A. B. Cartledge, and a framed copy of the charter was presented to the club in February, 1889. At the meetings many interesting papers were read by members and invited guests on subjects pertaining to culture or the floral business.

The club early took an interest in bowling, a team being selected to represent it at the Buffalo convention in 1889, and this has been followed every year. In 1890 arrangements were made with the Pennsylvania Horticultural Society to fit up the basement of Horticultural Hall for club rooms,

which had been tendered free of rent, and bowling alleys were installed with club room fittings costing \$1,500. At the Toronto convention in 1891 the team won the cup which was presented to the club at the September meeting. The club from the time of receiving the use of the club rooms from the Horticultural Society had decorated the halls at the chrysanthemum shows. On May 23, 1893, Horticultural Hall was burned, the club room being filled with water, injuring all the club property, and the June and July meetings were held in Donaldson's Hall, and Horticultural Hall being temporarily repaired the August meeting was held in the library, but the bowling alleys were removed to John Westcott's place at Ridge and Lehigh avenues.

The first change in a presiding officer was in October, 1893, when Edwin Lonsdale was elected president, H. C. Schaefer vice-president, the treasurer and secretary remaining the same. Preparations were now in progress for the convention of the S. A. F. to be held at Atlantic City in August, 1894, which were carried out with great success, and at the annual meeting the officers were all re-elected. In May, 1895, Horticultural Hall was torn down and the meetings held in Caledonian Hall, Thirteenth and Garden



DREER'S EXHIBIT AT THE NATIONAL FLOWER SHOW.



GENERAL VIEW OF THE NATIONAL FLOWER SHOW.

streets, until the new hall was ready in the winter of 1896-97. At the annual meeting of 1895 the officers elected were: Robert Kift, president; David Rust, vice-president; Thomas Cartledge, treasurer; D. D. L. Farson, secretary. At the May meeting of 1896 it was arranged to have a plank shad dinner during the month, but as it was found impossible to make the arrangements in May the dinner was held June 3, and it has gone down in history as "John Wescott's May party in June." The succeeding board of officers was John Burton, president; John Wescott, vice-president; secretary and treasurer re-elected. The matter of having associated members was submitted during this year and the necessary amendments adopted.

At the annual meeting in 1897 William K. Harris was elected president; John Westcott, vice-president; Thomas Cartledge, treasurer, and Edwin Lonsdale, secretary. The following January the treasurer resigned, J. W. Colflesh being elected. A special meeting was held May 18, 1898, to take action on the death of Thomas Cartledge, who had been treasurer for over twelve years, and at the next meeting President Harris read a eulogy on the life of the late treasurer. The same board of officers was re-elected in 1898, 1899, 1900 and 1901. In January, 1898, the American Carnation Society was entertained. In 1902 the officers elected were John Westcott,

president; David Rust, vice-president, with no change in the secretary and treasurer, and they were reelected in 1903 and 1904. The American Rose Society held their convention and exhibition in Philadelphia in March, 1903, and were entertained by the club, and in June the club was invited by Samuel C. Moon to visit his nursery at Morrisville, Pa., which was accepted. The officers elected in 1905 were Thomas B. Meehan, president; Frederick Hahman, vice-president; J. W. Colflesh, treasurer; Edwin Lonsdale, secretary, and the following year, S. S. Pennock, president, the other officers being the same. At the March meeting Edwin Lonsdale resigned but the resignation was not accepted until May, when David Rust was elected to succeed him. The S. A. F. convention was again held here and the arrangements successfully carried out, and at the September meeting many complimentary letters were received from prominent florists' clubs upon the excellent manner in which everything was managed.

The officers elected in 1907 were Frederick Hahman, president; William Graham, vice-president; George Craig, treasurer; David Rust, secretary, and the same officers the following year with the exception of vice-president, which was filled by I. Rosnosky, to be followed in 1909 and 1910 by Joseph Heacock, president; Alfred Burton, vice-president, and the same

secretary and treasurer. A complimentary banquet was tendered by the club in November, 1909, to Edwin Lonsdale upon his leaving Philadelphia to take up his residence in California. On December 14, 1909, a special meeting was held to take action on the death of William K. Harris, a charter member and active worker in the club, and on December 16, 1910, upon the death of J. William Colflesh, who for many years had served the club as treasurer.

At the September meeting, 1911, a special committee was appointed to make proper arrangements to celebrate the twenty-fifth anniversary of the club, which was fittingly celebrated on October 3, 1911, and at the October meeting the present officers were elected as follows: J. Otto Thilow, president; Thomas W. Logan, vice-president; George Craig, treasurer; David Rust, secretary.

LYNN, MASS.—Frank Prideaux is erecting greenhouses on the Phillips farm, Eastern avenue.

MONTCLAIR, N. J.—Robert Freytag, local florist, has opened a branch store at East Orange, N. J., with Herman F. Gruhnert in charge.

PORTLAND, ORE.—A heavy rainfall, accompanied by high wind, March 19, broke about 250 lights of glass at the establishment of Joseph Betz. At the Byron Greenhouses a water tower was blown down.

THE ROSE.

American Rose Society.

PRESIDENT PENNOCK'S ADDRESS.

Delivered at the seventeenth annual meeting of the American Rose Society, Philadelphia.

Members of American Rose Society:

Another year has rolled by and we again meet in annual session, this time under most favorable conditions, holding our show and meetings in conjunction with the Fourth National Flower Show, giving the American Rose Society an impetus and uplift that will be far reaching, making for the future of the society. This show, I feel sure everyone will agree with me, is not only the largest and most beautiful, but the best and most complete ever held in this country. I am going to say to you, and not boastfully either, that the American Rose Society is taking no small part in making this show the success it is, for you will, I know, after viewing the plants, cut flowers, rose gardens and other exhibits, feel it is not only an honor but a privilege to be a member. These shows, whether a national flower show, an annual rose show, or an amateur show in June of outdoor roses, mean more to the future of the rose than any other medium the American Rose Society can foster and encourage. A show like this creates a love for flowers; flowers from the flower store in winter, flowers from the garden in the summer, flowers for every flower lover for every day in the year and that is what we want to encourage.

MEMBERSHIP.

For some years the society has gone along mostly on commercial lines and as such it has appealed to the commercial man more than to the amateur. The rose industry of this country is a large industry and must not be lost sight of—at the same time, the amateur is another phase that cannot be lost sight of and the amateur rosarian is becoming more and more of a factor each year. Not only is his work a benefit and an inspiration to the commercial man, but it is popularizing the rose as no other means can or will, and the amateur, I feel, is the one we must look mostly to in increasing our membership and bringing the society up to a standard and more on a level with the National Rose Society of England, which has a membership of over 6,000, and is a flourishing organization. I want to make a strong appeal for the amateur, believing a large amateur membership is the only way we can bring our society to that state of efficiency which every member, whether active or associate, wishes it to attain. A month ago I had a visit from Dr. Robt. Huey about this very amateur business and, by the way, Dr. Huey ceased being a member of this society on account of its offering the amateur so little, but glad to say, he is again with us. He brought with him a letter from W. E. Davis, a rose enthusiast of New Haven, with a very strong appeal for the amateur in our society, asking that this matter be taken up in a vigorous manner at our annual meeting.

We have with us today a number of members who we will be glad to hear from later, members who are recognized authorities on roses. I think with the assistance and the ma-

terial we have among our members, there is no doubt we can map out a campaign that will give such value to every member that we will have no trouble in securing new members and let us hope this time next year we will have a membership of more than a thousand.

PUBLICITY.

Along the lines of publicity we are doing all the society at this time can do financially, and believe for what money we are spending we are getting splendid results. An increased membership and a better treasury balance will enable us to offer our members more in the way of literature and general rose information, giving them such value that they will feel an increase in associate membership dues in the next few years will be thoroughly justified, so let every member, whether active or associate, strive to help our publicity campaign, to increase the membership, and give us a society worth while.

I note with pleasure that we are having more societies affiliating with us each year. I believe it is only a matter of time when a great many of these affiliated members will not feel satisfied to be simply affiliated members, but will want to be something more, either an associate or active member. Should not the secretary of each affiliated society have a voice in the rose society the same as an active member? I make this as a recommendation. These affiliated members will mean new friends who will join with the old in making this society a tower of strength, and make it truly national in scope and character as well as in name. Another point in publicity, we believe our friends, the rose catalogue men, could be instrumental in bringing in new members in large numbers, by making mention of the American Rose Society in their catalogue, setting forth its aims and purposes—points that would appeal to the amateur.

ROSE ANNUAL.

This year's Rose Annual, which has been so ably edited by J. Horace McFarland, is not only a credit to the society, but as well a treatise on roses invaluable to every member, both the commercial and amateur rosarian, and will, we are sure, make for new members wherever it goes, and add new life to our society. In circulating the annual, it will only go with a membership, either life, active, associate or affiliated. We feel the annual too valuable a book to be sold just as an edition, and it should be well worth the price of membership in the society. In the annual each year the aim will be to give to our members literature that will be an inspiration and a real help to them, articles from the pens of recognized authorities, making it a book to be treasured and kept as a rose authority.

TEST GARDENS.

The American Rose Society, in establishing test gardens in various parts of the United States, is working out a feature that will become a most valuable and far reaching asset to rose growing. These test gardens are now firmly established in Washington, in Hartford, at Cornell University (Ithaca, N. Y.), and in Minneapolis. A committee has been appointed to look after and take charge of each garden. The plan in these test gardens is to have at least five plants of

a kind in the case of teas, and two of a kind, in the case of climbers, of every known variety that can be obtained not only from this country, but from foreign parts as well. Accurate records are to be kept as to how they flourish, the climatic conditions, the amount of bloom, and whatever statistics as to temperature, soil, etc., that may be deemed necessary by the committees in charge.

Any one contemplating the growing of a certain variety—for instance, in the same climate as Washington—might refer to the appropriate test garden reports, and see how that variety has done, whether it was hardy, whether it was able to stand the hot summer, and so on. These records, as summarized each year in the annual, will become invaluable.

These test gardens as they will be established from time to time in the various cities of the United States and Canada will make one of the many interesting features fostered by the American Rose Society.

SCALE FOR JUDGING OUTDOOR ROSES.

The official scale of points for judging outdoor roses as adopted by the society some years ago, has been thought by some of our rose enthusiasts to be insufficient and not covering the ground completely. Dr. Huey, Jesse A. Currey and Geo. C. Thomas, Jr., have had some correspondence on this subject and have made up a scale of points which they consider makes a better scale to judge by. This will later be reported on.

REGISTRATION OF ROSES.

Accurate registration of roses is a very important matter. We can go back only a few years and find incomplete and at times very inaccurate records of roses of American origin. The department of agriculture at Washington has under way the compiling of a record of roses of American origin and sports, and, with the registration as kept by the American Rose Society, we believe we will have records better and more accurate than could be gotten together in any other way.

RENAMING OF ROSES.

The renaming of roses, whether of American or foreign origin, is to my mind a pernicious habit, and one that the American Rose Society is not at all in accord with, believing that it does more harm to the rose than good, and with this aim in view the society at one of its executive committee meetings appointed Robt. Simpson, H. O. May and Robt. Pyle, who will make a report at this meeting, and I sincerely hope that you adopt their report, believing that it will make for the good of the society, and for the good of everyone who wants to do business on honorable and straight lines.

PLANT PATHOLOGY.

It has occurred to a number of those interested in roses, particularly those interested in the society's future, that we should have a department of plant pathology, where information could be gotten by the members who are in trouble with diseases of any nature or any character, whether it be indoor or outdoor grown, and advice as to how to handle this disease, and how to avoid a recurrence. A great many rose lovers, particularly the commercial men, know how to cure certain diseases, but they do not always know the fundamental principles, or what causes these diseases; if they did know

they could probably handle them in much better shape. How many of the amateurs would welcome a suggestion of how to prevent their roses from mildewing or other diseases. They generally know what to do after they are diseased, but a very much better way would be to prevent the disease in the first place.

What we would like to do would be to establish a fund to take care of

In conclusion I want to add a word of praise for our secretary who has labored all these years unselfishly and untiringly with the thought always of what was best for the society. He has spent time and money for the society wherever and whenever needed, and has been one of its mainstays, taking hold of the secretaryship when no one wanted the job, and when the society was almost down and out. To him we

Spring Care of Young Rose Stock.

The young rose stock will require looking after very carefully from now on. In the first place, be sure to start right by taking the cuttings out of the sand before they are checked by over-rooting. A small crown of roots, only half an inch or so, is advancement enough for the root action in the sand, and if lifted then, they can be potted easily and have the advantage of making roots in good soil instead of sand, at the very start. Use a good, stiff clay sod soil, screened through a one-half inch mesh screen, and for four parts soil add one part cow manure screened through the same screen. A sprinkling of pulverized sheep manure, about a 5-inch pot-full to a wheel barrow load added to the above will be beneficial. Pot very firmly in 2½-inch pots, keeping the roots very near the top of the pot, and be sure to place the young rose stock in the best location on the range bench that will get the sun as much as possible, and not too near the ventilators. Place a good layer of screened, soft coal ashes under them, packed firmly. (Never plunge the pots in the ashes.) Do not have the face boards of the bench too high; 2½ inches from the ashes is about right. This will make it possible to syringe them easily, getting under the foliage. Of course the young plants just potted will need shading for the first week or so until root action starts. Then it can be removed. Do not use newspapers laid on top of the plants; cloth-covered frames are far better, elevated six inches or a foot above the plants. But if one must use papers, see to it that they are laid on some kind of a framework that is elevated, for the plants must have air. Ventilate with great care and water as carefully. Go over the plants every morning with a watering pot and spot out the dry plants before attempting to use the hose. It would be advisable to use the watering pot altogether until plants have become firmly established in their first pots. The grafted stock under favorable condi-



DREER'S OUTDOOR EXHIBIT AT THE NATIONAL FLOWER SHOW.

such a department and do it on a basis so that it would be profitable to every rose grower in the United States and Canada, and I feel that every rose grower, if for nothing else, should be a member of the American Rose Society to help a department of this nature, feeling that they would get back in returns far more than they ever invested.

There is not a grower in this country but who would give money, and liberally, if he could prevent black spot, mildew, or any of the many other diseases which rose plants are subject to, and if we had this department on a solid footing we believe it would be only a matter of time when experiments could be made that would eliminate most of the diseases, possibly not eliminate them but remedy them to a great extent. So the department, no matter what it would cost, instead of being an expense, would be a saving to the rose business as a whole. This work could be taken up with any of our agricultural state colleges, or preferably by the Department of Agriculture, Washington, D. C., and carried on in a businesslike manner. This would be much the better plan to pursue, as it would then be national in its scope, and not confined to any one state.

At the annual meeting last year a committee was appointed to look into the grading of roses, and the naming of those grades. The committee appointed by President Pierson was S. S. Pennock, Patrick Welch and Frank Traendly. H. O. May has been added to that committee, and he will make the report of its recommendation, and I trust same will be adopted by the society.

owe, I believe, more than to any other one person, the bringing of the society to where it is today. All this work has been for love as there has been no remuneration whatever in it for him. Let us hope that our society can be put on a financial basis, that will allow us to pay our secretary a salary in the future and that every member will work for a larger and better society is the wish of your president.



LADIES AT THE NATIONAL FLOWER SHOW.

tions grows more rapidly than the own root stock, and for this reason will require more room. When going along good or as soon as they begin to crowd, they should be opened up by allowing an inch of space or a little more (according to the growth they are making) between the rows, allowing the pots to remain touching each other crosswise of the bench or in the row. Spaced this way will make it possible to syringe them thoroughly without knocking the plants about or upsetting them. When spacing the grafts, some of them will be found with the raffia loosened or rotted away. These ties should be replaced, tying rather loosely, and when the raffia is seen to be cutting into the back, remove it and replace, as it is yet too soon to remove the raffia altogether; which is done only when the plants are in 3½-inch or 4-inch pots, when they should be staked, then the raffia can be safely removed. If grafting is to be carried along through the month of March, more ashes can be used in the bottom of the case, otherwise the heat will be too intense for them. Be sure to scald the ashes that are already in the case to avoid fungus, and do not lose any time in getting them in the case. Very often one gets a good strike as late as April 1, but this is an exception, and it will be found that the earlier grafting is by far the easiest and followed by a much higher percentage of good plants. If one is grafting for the trade a few words of advice as to packing may be a help at this time. Select only the grafts that have perfect unions and plants of a uniform size. Moss the splice carefully by using enough moss to fill out even with the ball. Wrap firmly in newspapers, using a half sheet for this, the object being to make a package of each plant that will not shift in their wrappers. Be sure to line the shipping cases heavily so as to be absolutely sure that they will be frost-proof. Start at one end of the case and work clear through to the end, placing the plants firmly together in the row so they cannot move. The second layer should be brought back over the first one, starting at the finished end of the first layer and by reversing each row the plants will take up less space and hold better. Never pack so that there will be a strain on the union of the plant below. If mossed properly there is very little danger of breaking the plants apart at the union if the raffia is intact. When finishing off the box, should it not be quite full, use excelsior, packing it firmly in the space left, so that there will have to be considerable pressure used in nailing the cover on the case. Be sure to place handles at each end of the box if it contains over two cubic feet of space, otherwise it will receive a very rough handling before it reaches its destination, as an ordinary shoe case, packed with four or five hundred plants, will not handle easily by any means. The handles should be placed on the cases before packing. These can be made by nailing a strip ¾x2 inches vertically on the end of the boxes at the corners, leaving the edges fair with the sides. Then nail a piece of the same strip crosswise of the end, in the center. Nail firmly and this makes a strong practical handle. The cases should also be nailed carefully, renailing the

sides, bottoms and ends, using box nails for this purpose, which will hold better and seldom split the thinnest wood. Label all cases carefully with "frost caution" labels, also plainly tag the address, nailing or tacking the address cards on the lid unless the shipping department has a good marker; even then a tag attached will be safer. All perishable stock should be shipped by express only, especially rose plants; otherwise the grower should not assume any risks for safe arrival of plants in good condition. When receiving the rose stock unpack at once, remove plants from shipping case to flats without removing paper wrapper. Now prepare the soil (if not already prepared) and do not remove the wrapper until ready for potting. Then have some one unwrap them as fast as they are being potted. If they cannot be placed at once on the bench, sprinkle the tops and do not let the sun or a draught strike them. The safest plan is to have everything in readiness before attempting to pot them. Do not remove any of the soil unless the balls have been squeezed



Increasing Store Space in Busy Seasons.
Shelves in Shop of White House Florist, Chicago.

into cubes larger than the pots they are to go into, which one often finds is the case. If so, remove the top (which seldom contains many roots) until it fits the pots. Grafted stock from 2½-inch pots can often be shifted to a 3-inch if rather weak; otherwise we use a 3½-inch pot, drained for the first shift, which usually lasts until time to bench them. Still if planting is delayed, they can be shifted from the 3½-inch to the 4-inch pots, trimming the ball slightly and be carried along 3 or 4 weeks longer.

E.

NEW ORLEANS, LA.—Mrs. F. Grauz has purchased suburban land and in addition to raising cut flower stock will devote considerable time to asparagus culture.

MORGAN PARK, ILL.—Albert Schau, son of Herman Schau, has opened a retail florists' shop under the name of Schau's Flower Shop, Hale avenue, Morgan Park, Chicago. Mr. Schau, Sr., still continues as a grower at the old place.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Increasing Store Space in Busy Seasons.

Many retail florists, especially those whose shops are located in the business districts of large cities, where high rentals make store space beyond the average business requirements prohibitive, are often at a disadvantage during the busy holiday seasons during the year, due to lack of room for proper care and display of plants. As shown in an accompanying illustration, the White House Florist, Chicago, devised an excellent arrangement to increase the capacity of his store, at the same time displaying the pot plant stock attractively. The arrangement, simple in the extreme, which can be taken apart and re-assembled for future requirements, consisted of common wooden shelving, the boards or shelves being of one inch pine, 12 inches wide. These shelves arranged in front of the mirrors on each side of the store, and supported with uprights fastened to the floor and ceiling, were fitted with wooden strips six inches high fastened to the front of each shelf, with grooves cut at intervals of about 12 inches. The plants placed on the shelves, the tops of the pots resting in the grooves had the advantage of excellent display, free from any suggestion of being crowded, and when sold, could be quickly replaced with another. Where such an arrangement is intended to be a permanent fixture during the rush seasons, the material used can be of hard wood, painted, and other decorative features added.

The Easter Stock.

Easter is without doubt the greatest flower market of the year—it is a golden season of opportunity for almost all branches of the trade. The careful grower has every foot of space in his houses, devoted to Easter stock, filled with plants timed, to the best of his ability, to be in their prime when the market opens. In its completeness, before broken into by selections, a view of the stock of any of the large growers is a great treat to the lover of plants. Then it is that buyers must not let their enthusiasm get the better of their judgment. Haphazard buying shows in the poor results, when profits that were fondly hoped and looked for, are found disappointingly small.

It should be determined from last year's records, guided in part by the season's experiences since that time, just what stock will be required and how many of each kind of plant. The best time to make out the list for this year's holiday is immediately after the balance was struck in the last Easter business. All the details were then fresh in mind; it was known just what sold best, whether there was much demand for baskets or not, how lilies sold, bulbous stock, rambler roses, etc. With such an accurate account of the stock required, half the worry of the Easter business is removed and there is time to take up other important details after the orders have been given.

The Easter lily is the first to be considered. All made up, or other than single plants, should be arranged at the greenhouses and delivered finished and ready for sale. Most growers do not know how to assemble or arrange lilies, where two or more plants are to be placed in a pot or tub. As a rule

they select specimens of exact height, thus bunching the flowers together so that half their beauty is lost. Plants of varying height should always be selected, and the pot arranged to look best from one side with the shorter plants in front. In this way nearly every flower is seen separately and the combination presents a much more artistic and pleasing appearance. Common, ordinary buckets, with the handles removed, then painted white and the bands gilded, make a very good tub for lilies.

Azaleas are especially good Easter plants, but care should be taken to see that the stock is not too far advanced, as plants without plenty of buds showing, lack the best selling quality. With a plant covered with open flowers and no buds showing, it is best to remove half the blossoms, so as to expose the underlying buds, which adds to the appearance and freshness of the plant wonderfully.

Hydrangeas are always good stock, and if kept well watered, present splendid color effects until the end. The newer French varieties are almost irresistible and move off quickly. Genistas, with their clouds of yellow blossoms, are favorites with many buyers; the standards and globe like formations are fine for window decoration.

Nothing is more effective or showy than the rambler roses. They are seen in bush form, pyramids, umbrellas, baskets and other trained designs, that when well flowered are very striking. The baby rambler type, such as Baby Dorothy, Teschendorf, Mrs. Cutbush and others, are fine for basket work, also for the trellis boxes, which were a novelty last season. Bulbous stock, hyacinths and tulips in pans, are always sold in large quantities. Care must be taken, however, to see that they are not too far advanced and that all are carefully staked. The full, heavy spikes, if not tied up, fall over and snap off if not very carefully handled.

Bougainvilleas, when well flowered, are especially pleasing; very large specimens are often seen that are much used in decorations. The erica or heather is a great Easter plant with its clouds of white bell like blossoms. The smaller sizes are indispensable for basket combinations. Many E. cupressina are grown in 3-inch pots for this work. Daisies in pots are also good sellers, as are cinerarias, while we almost forgot to mention Spirea Japonica in its various varieties. These white plumed plants are a big eyefull for the money and quantities are handled everywhere.

Plant baskets are profitable to those who will give them the time to be filled properly. Like many other things that are only half done, a poorly filled basket is a detriment to the stock and sooner or later is thrown out. Plants should be selected and the basket filled the week before and brought in from the greenhouses, when the market is at its height. In this way each basket is carefully filled, gets set and the plants recover from the moving, being at their best when they are offered for sale.

The pricing is a great factor for success; some dealers mark everything with plain figures, so that the customers may help themselves in making their selections when the store is crowded in the final days. A custom with some is to get all they can by covering the label and naming a higher price to an eager buyer when setting a plant out for inspection. Others will mark plants that cost the same with

different prices. As for instance azaleas or hydrangeas that cost \$1.00, at \$2, \$2.50 and \$3. Certain customers would probably not buy anything priced at \$2, rather paying \$2.50 or \$3; they do not go to the trouble to compare, supposing of course that the higher priced plant is best. We do not advocate this practice, but it prevails and, as a thing is "worth what you can get it for," it may be so justified, but to treat all alike will be found best in the long run. K.

PLANT NOTES.

Early Roses.

The rose bed should be pruned and then spaded as early as possible after the ground has opened and if the canes have been buried the covering should be removed and the canes cut back. To properly prune a bed of hybrid perpetual roses is a careful, painstaking piece of work. This work is too often done in a careless, haphazard manner, and by many every variety is cut back alike. To get the best results a study of the varieties is necessary, for instance, strong growing varieties like General Jacqueminot and Magna Charta can be cut back and the small wood cut out much more severely than Prince Camille de Rohan or Mme. Gabriel Luizet. When pruning it is first necessary to determine whether quantity or quality is the most to be desired. If quantity is wanted more wood can be left and six to eight eyes left on the canes. If quality is the main object this must be obtained at the expense of quantity, and the strong canes only retained and these cut to two or three eyes, depending on how the eyes are located. The top eye that is left should be pointed out from the main stem so that when the growths start they will not crowd toward the center. This will allow of plenty of room for development and a good circulation of air through the plant. After the bushes are pruned the soil should be spaded good and deep and leveled off.

Bedding Stock.

The general florist will now have his hands full with bedding stock which should now be spread out and given the necessary room. The geraniums should be spaced and if any have grown too tall to make shapely plants the tops should be cut back, but at the present day the trade wants a geranium in bloom at bedding time and very little pinching should be done after the first of April, for it will take from then until the first of June to produce a new branch with a flower. Ageratums, alternantheras, alyssums, heliotropes and like blooming plants should be kept on the move and be given good, light positions. Salvia should be kept pinched back until the latter part of the month, which should produce fine, shapely plants. The coleus should be rooted and the top rubbed out as soon as established in the pots. Seedlings should be potted or flatted, the former preferred if a price can be obtained commensurate for the extra labor, but if flatted give them room enough to develop properly. Cannas will now require a warm, light location and plenty of root room. The one great factor in growing good bedding stock is, at this season, to keep the plants moving and never allow them to get a check, for if once severely checked a good plant is an impossibility.

Potting Young Stock.

At this season of the year the plant grower will have thousands of young seedlings to pot or place in flats and as many more to shift from a small pot to a larger size, and it does not seem that any instruction in potting should be necessary, but we chanced not long ago to see a boy potting and wondered if the plants would live and we then saw in the houses many of the plants which had been potted struggling for existence. It seems to be the general idea with the young gardener that the one that can pot the most plants in a given time is the smartest, regardless of how well it is done and how the plants afterward grow. The young man whom we saw would fill the pot full and then make a hole in the soil with his finger, place the seedling in the hole and then press the top soil around the stem. The chances were that the roots of many of these plants were still hanging in an enclosed hole in the center of the pot, for the soil should have been firmed around the roots. That he could handle a large number of plants in a given time was no question, but a much better plant can be grown if the soil is made firm around the roots first and then the top firmed down. The same thing happens in transplanting where the loose soil is thrown around between the plant and the pot and the top then firmed down. A little soil should be first thrown in the bottom of the pot and the plant placed in this, then a little soil around the plant which should be firmed down, then a little more soil which can be pressed down from the top. This will take longer, but the plant will live and grow enough better to pay for the extra pains.

Peonies.

As soon as the frost is out of the ground the peony beds should be forked over and the manure mulch that was placed on them last fall should be forked or spaded in, but let this be done by a careful man, or at least not by help that knows nothing about this work. The young growths start very early and are very tender, so it is best not to fork too close to the crowns, but loosen up all the soil around the plants. It is also well to leave the stems covered as deep as they have been all winter, for a sharp frost may injure a stem that has been protected through the severe winter and then subjected to sharp cold. But the loosening of the soil to good depth will conserve the moisture and allow the air to get into the soil. If the plants were not mulched with manure in the fall it is well to spread some old manure, not fresh, on the beds before spading and fork it in.

Although the fall is the best time to transplant peonies, yet, if not done and it is desired or necessary to move them, they can be transplanted early in the spring, but this must be done before the growths are above the surface of the ground and as much soil left about the roots as possible. These plants make their young roots in the fall and if any attempt is made to shake the soil off, the roots will be broken doing this. Divisions must therefore be carefully made, so as not to disturb the roots more than possible. The dry roots that are purchased at this time are much better planted in pots or boxes until the roots are

formed in the soil and later transplanted to the ground. It cannot be expected that plants of this kind will produce any flowers this year, for it will only be possible to get them established in their new location the first season.

Tariff Decisions.

BEFORE BOARD 3, NOVEMBER 19, 1915.

No. 38820.—Protests 762509, etc., of Maltus & Ware et al. (New York)

BULBS.—Bulbs classified as dutiable under paragraph 210, tariff act of 1913, are claimed free of duty under the provision in the same paragraph relating to mature mother flowering bulbs imported exclusively for propagating purposes.

Opinion by Waite, G. A. Protests unsupported; overruled.

(T. D. 35920.)

ORCHID PLANTS—MOTHER BULBS.

Maltus & Ware v. U. S. (No. 1546.)

1. Orchid plants—Mature mother flowering bulbs.—Orchid plants, known as cattleyas, which at the time of importation had already flowered and would never flower again and were useful for propagating and for no other commercial purpose and which, although not true bulbs, were known to the trade as orchid bulbs, were assessed for duty at 25 per cent ad valorem as orchids under paragraph 210, tariff act of 1913. Held, that the same were entitled to free entry under the proviso to said paragraph as mature mother flowering bulbs imported exclusively for propagating purposes.

2. "Bulbs" used in popular rather than botanical sense.—There is nothing in the act or in its legislative history which would justify the conclusion that Congress intended that the term "bulbs" should be given a strictly scientific or botanical meaning; on the contrary, the fact that Congress applied the term to other plant growths, not true bulbs, enumerated in paragraph 210, conclusively establishes that such was not its intention.

United States Court of Customs Appeals, November 19, 1915. Appeal from Board of United States General Appraisers, G. A. 7675 (T. D. 35103).

[Reversed.] Allan R. Brown for appellants. Bert Hanson, assistant attorney general (Samuel Isenschmid, special attorney, of counsel), for the United States. Before Montgomery, Smith, Barber, De Vries, and Martin, judges.

Smith, judge, delivered the opinion of the court:

An importation reported by the appraiser at the port of New York to be orchid plants was assessed for duty by the collector of customs at 25 per cent ad valorem as orchids under paragraph 210 of the tariff act of 1913, which reads as follows:

210. Orchids, palms, azalea indica, and cut flowers, preserved or fresh, 25 per centum ad valorem; lily of the valley pips, tulips, narcissus, begonia, and gloxinia bulbs, \$1 per thousand; hyacinth bulbs, astilbe, dielytra, and lily of the valley clumps, \$2.50 per thousand; lily bulbs and calla bulbs or corms, \$5 per thousand; herbaceous peony, Iris Kaempferi or Germanica, canna, dahlia, and amaryllis bulbs, \$10 per thousand; all other bulbs, roots, root stocks, corms, and tubers, which are cultivated for their flowers or foliage, 50 cents per thousand: Provided, That all mature mother flowering bulbs imported exclusively for propagating

purposes shall be admitted free of duty.

The importers protested that the goods were not orchids, but that they were mature mother flowering bulbs, imported exclusively for propagating purposes, and that therefore they were free of duty under the proviso to said paragraph.

The Board of General Appraisers overruled the protest and the importers appealed.

The merchandise the tariff classification of which is involved in this appeal is a plant growth, known as cattleya. The cattleya is a species of orchid, and as appears from the testimony in the case and the samples in evidence, consists of a horizontal root stock or stem, from the lower part of which grows a tangle of small spongy roots, and from the upper part a number of fleshy vertical shoots, in which, at the beginning of their existence, is stored up a reserve stock of plant food, and from which later on spring leaves and flowers. The leaves, judging from the samples, are wrapped around a bunch of vegetable fibers which constitute to all appearances the permanent and more substantial part of the shoot. During the period when the shoot is leafing and flowering a considerable part of it is thickened into a bulbous growth, at the base of which is established a new joint which apparently contains the germ of a new shoot.

We think it is fairly shown by the evidence and the samples that once the thickened shoot has flowered it never flowers again, but sends out from the joint at its base a new process, which, in its turn, develops a new joint, thickens, produces leaves and flowers, and then becomes the mother of a shoot which is similar to its original self and destined to go through the cycle of producing a joint, leaves, flowers, and a new thickened portion.

The cattleyas are, we think, unquestionably orchid plants, but orchid plants which at the time of importation had reached that stage in their life history when the vertical branches had already thickened and performed the function of producing flowers and leaves. Each of these vertical branches, when severed from the cluster, together with the portion of the root stock to which it is attached is, if properly cared for, capable of propagating from the newly developed joint a thickened portion like itself and is fit for no other purpose. In that state the cattleya plants, according to the uncontradicted testimony in the case, were known to the trade, prior to the passage of the tariff act of 1913, as orchid bulbs, and were bought and sold, both at wholesale and retail, as bulbs and on the basis of so many bulbs to the cluster.

Having received from the trade the commercial designation of bulbs, we think the plants under discussion must be accepted as bulbs for tariff purposes. As they are capable of producing and do produce during the process of their evolution a flower, they are entitled to be called flowering bulbs. Having flowered before importation, they will not flower again, but will generate under normal conditions, bulbs like themselves, and consequently they must be regarded as mother bulbs. The only important function left for them to perform at the time of importation was that of propagating, and from that it follows that they must be considered as mature mother bulbs. The evidence shows that they were im-

ported for the propagation of plant growths which would leaf and flower as they had done before importation and that they had no other commercial use. We must hold, therefore, that the cattleya plants in question were mature mother flowering bulbs, imported exclusively for propagating purposes, and that they were entitled to free entry under the proviso to paragraph 210.

It is true, as shown by the record and as found by the board, that botanically speaking the thickened portion of the cattleya is not a true bulb but is a pseudo bulb. We find nothing, however, in the tariff act of 1913 or in its legislative history which would justify us in concluding that congress intended that the term "bulbs" should be given a strictly scientific or botanical meaning wherever found in paragraph 210. Indeed, that such an intention can not be attributed to congress is very conclusively established by the fact that paragraph 210 enumerates canna, dahlia, herbaceous peony, Iris Kaempferi, begonia, and gloxinia bulbs, which, according to competent witnesses introduced by the government, are not in a botanical sense bulbs at all, but are pseudo bulbs, just as much as were the bulbs which are here the subject of controversy. Moreover, these same witnesses for the government took occasion to say that many, if not all, of the pseudo bulbs enumerated in paragraph 210 as bulbs are popularly known and designated as bulbs. That testimony rather strengthens the view that it was not the legislative purpose to confine the proviso to true bulbs—that is to say, to bulbs recognized as such by botanists.

Whether cattleya bulbs which have not yet flowered are entitled to free entry under the proviso to paragraph 210 is not decided.

The decision of the Board of General Appraisers is reversed.

Flowers of Japan.

Delivered by Prof. E. H. Wilson, before the Massachusetts Horticultural Society, Boston, January 8.

Professor E. H. Wilson of Jamaica Plain, Boston, who has carefully scoured Japan and China in quest of flowers for the Arnold Arboretum, Boston, opened the lecture season of the Massachusetts Horticultural Society January 8, with an illustrated lecture in Horticultural hall, Boston, on flowers and gardens of Japan. He said in part:

One may safely assert that no garden large or small in the United States of America is without its something "Japonica." True, not all the plants bearing that name are strictly native of Japan, for the ignorance of botanists and others has resulted in many plant names being misnomers, but that is another story. To the horticulturists of this country Japan is of peculiar interest, for not only has it furnished our gardens and our greenhouses with a host of invaluable plants, but it is the only country of which the first fruits, horticulturally speaking, came direct to the United States of America. The gardens of this country secured the plants of most lands through Europe, and not only exotic plants but a great number of North American native plants also. With Japanese plants the case is different, thanks to the enthusiasm of Dr. G. R. Hall. It is well

that garden-lovers of this country should treasure the name of this gentleman, for the plants he introduced—*Lonicera Halleana*, *Magnolia stellata*, *Malus Halliana* and others—are indispensable. It was in March, 1862, that Dr. Hall returned from Japan and handed over his rich collection to Samuel Parsons at Flushing, L. I., for propagation and distribution. But previous to this Francis Parkman of Jamaica Plain had received a consignment of plants from Dr. Hall, through Gordon Dexter, and among others was the famous *Lilium auratum*, which flowered for the first time in America in July, 1862. In the early sixties Thomas Hogg visited Japan in the interest of Samuel Parsons and introduced in 1865 many plants including *Magnolia obovata*.

Another American, Professor W. S. Clark, who went from Amherst College, and developed the Agricultural College at Sapporo in Hokkaido in the early seventies of the last century, sent in 1876, seeds of many valuable plants such as *Magnolia Kobus*, *Cercidiphyllum japonicum*, *Syringa japonica*, *Actinidia polygama*, etc., etc. In the Arnold Arboretum and elsewhere many fine specimens raised from his seeds are growing today.

A few Japanese plants—*Rosa rugosa* for example—reached Europe toward the end of the eighteenth century, but it was not until after Commodore Perry's expedition in 1852-54, and the signing of the treaty on March 31, 1854, which resulted in the opening of Japan to foreign commerce, that the plants of that land began to find their way freely to the Occident. A Russian expedition under Admiral Putiatin was in the Far East from 1852-55, and on January 21, 1855, a treaty between Japan and Russia was signed. Shortly afterward treaties between Japan and other western countries were signed.

From 1611 the Dutch East India Company had trading rights in Japan and established a factory on a small island contiguous to Nagasaki, and we owe our first knowledge of the flora of Japan to officers of this company. From 1823 to 1830 Philip Franz von Siebold was an officer in the Dutch company and resided in Japan, and from about 1850 to 1865 he imported plants to a nursery he established at Leiden in Holland. Among the most important of his introductions may be mentioned *Malus floribunda*, *M. Sieboldii*, *Wistaria multijuga*, and *Prunus pendula*.

A Russian, Carl Maximowicz, who in 1854-56 made very extensive collections in the Amur region of eastern Siberia, made a journey to Japan lasting from 1859-64, which resulted in our first intimate knowledge of the forest flora of Japan and in the acquisition of a great many valuable plants to gardens, including *Berberis Thunbergii*.

Three Englishmen, John Gould Veitch from early spring to autumn of 1860, Robert Fortune from the autumn of 1860 to the summer of 1861, Charles Maries from 1877-80, collected extensively in Japan, and each added to gardens treasures beyond price. During the same period, and in the early eighties, various foreign amateurs in Japan sent to their friends in Europe such valuable plants as *Vitis Coignetia*, *Prunus Sargentii*, *Rosa multiflora*, *R. Wichuraiana* and *Rose Crimson Rambler*.

These historical facts are necessary to show that Japanese plants were independently introduced to this country and to Europe during the same period. The pioneer work briefly sketched above was supplemented in a remarkable manner by Professor Charles S. Sargent, director of Arnold Arboretum, who visited Japan in 1892. His predecessors in Japan had enjoyed a virgin field, but as an offset to this, Sargent had the advantage which full knowledge of a subject gives. He knew not only the Japanese plants already in cultivation in the Occident, but was also fully acquainted with the whole forest flora of Japan, and the result was that a great number of beautiful and hardy trees and shrubs were added to our gardens. He introduced, among other plants, all the Japanese deciduous oaks, certain hornbeams, birches, alders, *Picea Glehnii*, *Abies sachalinensis*, *Malus zumi*, *M. Tschonoskii*, *M. Sargentii*, *Kalopanax ricinifolium*, *Enkianthus campanulatus*, *Acer nikouense*, *A. Miyabei*, *Rhododendron Kaempferi*, one of the most beautiful of all shrubs hardy in New England, and many other valuable plants. In fact, this journey was the most fruitful in results of any undertaken in Japan.

I have not the time at my disposal to enter further into this interesting aspect of my subject, but I cannot let pass this opportunity to put on record the names of those to whom all lovers of hardy Japanese plants are under lasting obligations.

The steep mountain-slopes of Japan are well covered with trees and shrubs and large areas are extensively forested. Also, and more especially in the central and northern parts of Hondo, there is much moorland clothed with coarse grasses and shrubs in variety. Coniferous, including Taxaceous trees abound from the extreme south to the extreme north, and, indeed, Japan with its 16 genera of these plants is richer than any other land. From about the latitude of Tokyo southward the woods and forests contain a high percentage of broad-leaved evergreen trees and these together with the conifers give to the country a very green appearance at all seasons of the year. North of Tokyo broad-leaved evergreens decrease in number rapidly and from Nikko northward the forests are very similar in aspect to those of New England. On the island of Yakushima, which marks the southern limits not only of Japan but also of its flora, tree ferns, bananas and wild figs are common constituents of the flora at sea-level. In the extreme north of Hokkaido and in Japanese Saghalien on the shores of the Okhotsk sea, dwarf pine, juniper, larch and the crowberry (*Empetrum nigrum*) descend to sea-level. Almost everywhere in Japan dwarf bamboos form a dense undergrowth in the forests.

Some writers on the natural history of Japan have stated that the Straits of Tsugaru which separate northern Hondo and Hokkaido form a well-marked phyto-geographical boundary. This, however, is not true and the difference between the floras of the two regions is merely one of degree and not of kind. The warm current previously referred to, exercises a tremendous influence on the climate and on the vegetation and is responsible for the great difference between the flora of southern and northern Japan. While no very hard and fast phyto-

geographical line exists it may be laid down as about latitude 36° n.

The flora of Japan is very rich in ornamental trees and shrubs and the majority of the deciduous plants and nearly all the conifers have proved perfectly hardy and amenable to cultivation in the gardens of New England.

In Japan the pine, the bamboo and the plum-blossom (*Prunus mume*) are emblematic of long life, strength and happiness and a love of flowers is a dominant characteristic of the people. This love is spontaneous and fundamental and is one of the virtues of the race which appeals forcibly to the most casual visitor. The arrangement of flowers for house-decoration is one of the three essential parts of every lady's education and he it said it is an accomplishment in which the whole people excel in a manner most artistic. At no season of the year is any dwelling, be it peasant's hut or merchant's house, prince's castle or emperor's palace, without its flowers or sprig of fruit or foliage, and the graves of the departed are decked with floral decorations the year round. The chrysanthemum is the chosen crest of the imperial household; three asarum leaves formed the crest of the first shogun; one of the highest imperial orders is that of the paulownia. The cherry-blossom season is made the occasion for a great national holiday. In the temple grounds are magnificent trees, and for old trees the love of the Japanese amounts to a veneration akin to worship.

Here and there throughout the land are places famous for their plum trees, cherry trees, wistarias, irises, peonies, azaleas, maples, chrysanthemums, pines, cryptomerias and so forth and in season people flock from far and near to feast on their beauty. These different floral seasons are kept as festivals of amity and rejoicing. Families in all their ramifications, from great-grandmother to the youngest great-grandchild, assemble together for a right merry time. In and near cities and where the sake-bowl flows too freely the merriment may be a little boisterous, but it is always the exuberance of good fellowship. When in Japan I found peculiar pleasure in the spirit of joyousness so manifest at these festivals.

With a few exceptions, it is on trees and shrubs that the Japanese lavish their attentions. The iris, chrysanthemum, lotus lily, *Rhodea japonica*, *liriope spicata* and the morning glory are the only herbs that they are really fond of. The morning glory (*Ipomoea rubro-cerulea*), an exotic of American origin, is extraordinarily popular and boasts societies whose object is the development of this particular flower. The blossoms open at sun-up and devotees will arise before dawn and walk long distances to gardens where this plant is grown to watch the flowers expand.

The floral seasons of Japan commence with the ume (plum-blossom, *Prunus mume*) in January, and close with the chrysanthemum in November and December. In March and in April, according to climate, the cherry trees blossom and this is the season par excellence. The Japanese recognize a hundred and more varieties of cherries with white, yellow, pure pink to deep rose blossoms. Some small shrubs, others large trees, with wide-spreading crowns; some have pendent, others quite erect branches, and all are won-

drously beautiful. Cherry trees are wild in the woods and thickets throughout the length and breadth of Japan, and are everywhere planted in vast numbers—in temple and castle grounds, in park and garden, in the streets of the cities and alongside the highways, and by pond and river side. At Koganei, a village some 10 miles from Tokyo, there is a three-mile avenue of cherry trees planted in 1735, by command of the Shogun Yoshimune. Many of the trees are 60 to 75 feet tall, with trunks 10 to 12 feet in girth and crowns 50 to 60 feet through, and when in full flower the scene presented is a never-to-be-forgotten one. No language can exaggerate the beauty of the Japanese cherries, and they must be seen to be appreciated in full.

Now, there is no valid reason why in Boston we should not have our own cherry season, for the trees are perfectly hardy and thrive here. In the Arnold Arboretum the few large trees we have are a wealth of flowers each and every season. The Arnold Arboretum as one result of its recent expedition to Japan has now growing a collection of some 70 odd varieties of these cherries and these will be propagated and distributed in due season. Unfortunately in the arboretum itself there is not sufficient spare land available to do full justice to this collection, but we hope that somewhere a proper home will be found for it.

The wistaria, the most gorgeous of all hardy climbers, except in occasional years of severe winters, blossoms beautifully on house and pergola in and around Boston, but I never knew the full glory of the wistaria until I saw it in Japan. There it is not only wild in profusion, but is abundantly planted by the sides of the ponds, ditches and streams and it is trained over arbors and trellises. There are numerous varieties and on one I measured racemes of flowers $6\frac{1}{2}$ inches long, and they were not mere individual examples, but there were thousands upon thousands of them equally long.

About wistaria time, too, the mountain paeonies, the irises and the azaleas make wonderful displays of color. Japanese maples with colored leaves of varied shape and form are well known in western lands, but only a few of the varieties thrive with us. Japanese gardeners who specialize in maples recognize over 300 varieties, and Tokyo boasts its Maple Club; there everything from the tea-cups and the carved screens to the waiting-maids' dresses are marked with maple leaves.

Boston:

BUSINESS VERY QUIET.

During the past week the trade was rather slow. It was expected that business would pick up with the spring weather we have had, but there seemed to be no life to the market, only a few lines of stock selling as they should. Roses sell fairly well, but prices are rather low for the season, from \$1 to \$12.50 per 100 being received for them. Ophelia is the best selling variety. Carnations have dropped in price, \$2.50 per 100 being about the limit on good standard varieties. There is not much demand for inferior flowers, and consequently they bring very low prices. Violets are nearing the close of their season, 50 cents per 100 being the price for the week. Sweet peas are the strongest factor in the trade. There has been a good call for them throughout the

week, prices ranging from 50 cents to \$1.50 per 100, according to quality. Yellow marguerites are becoming more plentiful and the demand for them is increasing. Bulbous stock has lost its popularity and sells rather slow. There is a large quantity of Easter lilies coming in, too many for the demand and prices have been rather unsatisfactory. Snapdragon is plentiful, but sells well, the pink variety being in good demand.

NOTES.

Wm. Sim, of Cliftondale, Mass., has a very fine crop of sweet peas. He is shipping on an average of 100,000 flowers per week, all of exceptional quality. English primroses also are grown very fine, about 100 bunches per day being cut. His violets are very good for the season, but soon will be through their crop for this year.

The Boston Co-operative Flower Market stallholders and stockholders held a meeting April 1 to discuss the matter of collections. Edward Wood was appointed on the board of directors to fill the vacancy made by the resignation of Carl Strieferd.

John McFarland, of North Easton, Mass., has a very fine lot of lilies for Easter. Many who have seen the various crops about Boston say his excels in quality. He already has booked orders to practically clean up his supply.

F. L. W.

Kansas City.

GOOD STOCK AND SATISFACTORY SALES.

The supply of stock has increased during the past week and retailers have had little cause to complain about business, funeral work continuing to be a big factor. Orders for decorations are also more plentiful than usual. The wholesale houses have been stocked full every day, but clean up as a rule before the close of business. Roses are seen in good supply but prices are not high. Carnations are still plentiful but hold up well in price. Fine sweet peas, especially Spencers, find ready buyers. Extra quality tulips, daffodils, Dutch hyacinths are to be seen in numbers. Pot plant sales continue brisk.

NOTES.

The Alpha Floral Co. reports trade in general as being very good, the staff being kept busy with funeral orders and decorations in addition to a good business in other departments. A. Elberfeld and wife have been traveling extensively in the east. They attended the big national flower show at Philadelphia and will return home during the present week.

Geo. M. Kellogg Flower & Plant Co. reports trade in full stride. Hayes Ricker, in charge of the greenhouses of this firm, says stock is in prime condition and they will have an ample supply of Easter and other plants in on time. This company is planning to build this summer.

H. Kusik & Co. are receiving some excellent rose stock from Council Bluffs, Ia. Some fine home grown carnations are also seen. This firm is working to capacity to try and keep abreast of their orders for wire work.

The Peterson Floral Co. had some very attractive window displays recently, roses, lilies, bulbous stock and fine Spencer sweet peas being shown in neat arrangement. Trade is very satisfactory at this establishment.

W. J. Barnes is bringing on a splendid supply of bulbous stock for the Easter trade. Lilies are in fine condition and a big lot of pot plants in variety are to be seen here, all showing up fine.

Chas. Biederman & Son have been busy with decorations and have sev-

eral large orders booked in advance. They report trade better than usual at this time of the year.

T. J. Noll & Co. have a good supply of stock in all lines. They are preparing to handle a record breaking Easter trade.

Wm. L. Rock Flower Co. is showing some fine plants in variety. They are cutting heavily on carnations and sweet peas.

The Rosery reports good sales in pot plants, bulbous stock moving exceptionally well. Easter prospects look good.

Patrick Larkin is making preparations for a big Easter trade. Funeral orders continue to keep his staff busy.

Arthur Newell reports trade as A-1. Plant sales are brisk and he is featuring some fine rose stock.

The Costello-Moore Co. reports good sales in cut flowers and a good demand for funeral orders.

Visitors: R. G. Vickery, Horton, Kan.; Morris Levine, of Lion & Co., New York. E. J. B.

Toronto.

MARCH TRADE SHOWED IMPROVEMENT.

There was quite an improvement in business during the month of March, and now that we are experiencing real spring weather, sales should be on the upgrade. The quality of the roses coming in are excellent and the varieties cover the list fairly well. Stanley and Shawyer are very fine and American Beauties are again on the market after an absence of months. Carnations are both good and plentiful and some of the poorer grades are sold at very low prices. Bulbous stock has shortened up and prices have stiffened accordingly. Violets are very plentiful and selling cheap. The Easter outlook is very promising. Although a number of the cut flower growers think there will be a scarcity of roses and carnations, a trip through a number of establishments shows large promise and it looks the same as in former years; that after the legitimate trade has finished ordering there will be plenty of stock to be gobbled up by the "cut-raters" and "one night" stands. Violets will no doubt be about over, but there were never so many good sweet peas grown in this section, which will not make the shortage of violets so conspicuous. Bulbous stock will be plentiful, and excepting azaleas, which will not be over plentiful, there will be an elegant lot of flowering and foliage plants. Lilies are plentiful and there will be some fine stock.

NOTES.

Flight Lieut. Chas. Duggan, of Brampton, who was injured a fortnight ago while flying near London, has made rapid progress to his complete recovery. The machine side-slipped and he fell 400 feet. Lieut. Duggan was badly shaken up and bruised on the head and face but had no fractures. It was a marvelous escape, but he hopes soon to fly again. The call to arms has taken many from the different florists' establishments and there is a scarcity of help at present.

Thos. Manton has rambler roses in variety, and well bloomed bulbous stock and lilies are also plentiful. The better weather is helping sales on the market and all the florists grouped there are very jubilant.

J. S. Simmons and wife are touring the eastern cities and also taking in the flower shows. A new Overland truck has been added to their delivery service.

W. J. Laurence has a good crop of pink snapdragons (over 40,000), which will mean some cutting.

E. A. Crowhurst & Co. are cutting good Liliun formosum and carnations.

John Gard is strong on good lilies and hydrangeas. H. G. D.

Cleveland.

ABUNDANT SUPPLY WITH FAIR CALL.

There is an abundance of stock in all grades and varieties on the local market. Carnations are becoming quite plentiful and the prices have dropped some on quantity orders. Roses too are in better supply than for some time with a lowering in price on all grades. American Beauties locally have not been equal to the supply in the long grades, but short stock for funeral work is abundant. Some very good Rhea Reid arrive daily, as do Kaiserin and Ward. Asparagus plumosus and Sprengerii have been short of requirements. Adiantum is in good supply. Sweet peas are plentiful and short stock for funeral work can be had at very low prices. Violets are not moving very fast. Lily of the valley is good stock and in good demand. Orchids are moving freely. Bulbous stock, while quite plentiful, seems to clean up satisfactorily at fair prices. Some very good Murrillo tulips arrive daily. Easter and calla lilies are in good supply with a good demand. Snapdragons, daisies, forget-me-nots and calandulas are part of the daily receipts.

NOTES.

Owing to increased business, The Flower Shoppe, formerly of 1290 Lake View road, announces its removal to 12374 Superior avenue, where much larger quarters have been leased.

Only a few of the "boys" have returned from the big Philadelphia show, most of them staying in the east for the New York exhibition. C. F. B.

Nashville, Tenn.

HEAVY SUPPLY WITH VERY GOOD DEMAND.

The dearth of flowers which prevailed some time back is over and gone, and there is now an ample sufficiency, amounting almost to a glut. Roses, which played hide and seek a few weeks ago, are coming along now in great profusion and local florists anticipate a heavy supply for the Easter trade. There are quantities of sweet peas, plenty of violets, lots of carnations and splendid ones too, and a regular glut of the bulbous stock. The trade in pot plants and spring flowers is fairly on and quantities are being sold. The country gardens are furnishing their share of Emperor and Empress narcissi and they are being sold on the streets; but the street fakir business has never been largely grafted on our flower market. Among the pretty blooming plants displayed are beautiful rhododendrons in all the delicate colors. There are beautiful and abundant lilies, and lily of the valley is plentiful. For all this fine supply there has been a good demand and the florists keep good forces busy all the time and prices hold up well. Funeral work has been good and in spite of its being Lent, the social world goes on much as usual, even weddings showing up briskly and long before the close of Lent there will be many brilliant nuptial affairs. M. C. D.

Washington.

PLENTY OF STOCK AND FAIR SALES.

Business is fair with a plentiful supply of stock. Roses such as Ophelia, Radiance, Sunburst, Richmond, Shaw-year and Hadley can be had at prices ranging from \$3 to \$10 per 100 for specials. Carnations are plentiful, and the best are priced at \$25 per 1,000. Lily of the valley is scarce as are also good orchids, while gardenias have been disposed of as low as 75 cents per dozen. Tulips and other bulbous stock are not very plentiful and prices remain firm. Easter lilies are in good supply and the best can be had for \$8 per 100.

NOTES.

The S. S. Pennock-Meehan Co. is handling some very fine lilac plants which find ready sale. Some of the best carnations to be seen in this city are also a feature with this firm at present.

L. Hoover reports business so far this year shows an increase over the corresponding period of 1915. He has orders booked well in advance for decorations and landscape work.

Dan Blackistone, one of this city's latest acquisitions to the retail trade, is more than satisfied with business conditions and looks forward to a good Easter demand.

Marche & Co. are enjoying an excellent trade, with every indication that they will have plenty to keep them busy until the Easter rush sets in.

Visitors: J. A. Peterson and wife, Cincinnati, O.; R. J. Dudley, Parkersburg, West Va.

G. C. D.

Columbus, O.

TRADE IS STEADY.

A steady trade appears to be the rule with local florists. Important social functions have been keeping up a source of demand that is usually quiet at this stage of Lent. Pot plant sales are very active, indicating a heavy season. The outlook for bedding was never better. There is no lack of flowers of any kind. Carnations are now at their best and the market is absorbing the prolific yield. Fancy stock brings 75 cents a dozen and seconds an average about 50 cents. Rhea Reid, Mrs. Chas. Russell and the Killarneys, both pink and white, are the roses that are having the call. White and pink varieties sell from \$1.50 upward. Choice red roses run up to \$3.50. Sweet peas are a favorite of the hour, and command from 35 to 75 cents a bunch. The one lame feature of the market is hyacinths. The crop is abundant, and the public taste this season runs more to daffodils and jonquils. Snapdragons have been on sale the past week for the first time, the price being \$1.50 to \$2. Easter lilies are beginning to assume greater importance in florists' displays. The local yield will be large, and the old standard price of 25 cents for each bloom is expected to prevail.

NOTES.

In a "City Garden Catalogue" just issued by the Livingston Seed Company, that concern offers cash and merchandise prizes aggregating \$170 for an amateur gardeners' prize contest and show, to be held at its retail store, September 12-14. Connected with this is a photographic contest, with gardens and flowers as subjects. This closes October 15. Selections from material thus submitted will be used in next year's catalogues.

What is said to be the largest individual order for shrubbery by a Columbus consumer is that just placed by the King G. Thompson Company, which has platted a 1,000-acre suburban addition. For use in planting on same, 14,000 shrubs of various kinds have been purchased.

Robert Livingston and F. M. Bromwell, of the Livingston Seed Company; the Misses Hellenthal, of the Hellenthal Floral Company and Leo Miller, of the Miller Floral Company, were Columbus visitors at the Fourth National Flower Show, Philadelphia.

The Art Floral Company will remove from the Keith Theatre building to a location nearly opposite on the same street.

J.

New Jersey Plant Growers.

Herman C. Steinhoff, West Hoboken, N. J.—Pot roses are a very noteworthy feature at the range of Herman C. Steinhoff. He has crimson ramblers, Dorothy Perkins, Tausendschon and other good varieties, all coming on in fine condition for Easter. There is a great stock of Magna Charta, Paul Neyron and other roses of that class, they, too, being in the pink of condition. The place is rich in fine spireas, hydrangeas and other pot plants. He is always very strong on Easter lilies and his stock is now very fine. Lilies, we may add, seem to be better this year than usual. He has propagated a great stock of bouvardias and will have them on the market for spring planting.

Emil Savoy, Secaucus, N. J.—Though Emil Savoy grows a variety of plants, he specializes in bougainvilleas, and we venture the assertion that no finer stock can be found in this country. As he will exhibit at the New York Flower Show, there will be an opportunity to see his stock at its best. Another very fine feature are his metrosideros (bottle-brush plants). This stock is exceptionally good and is novel enough to attract much attention. These two features alone are worthy of a visit to his range, or to the show. He has also a fine stock of azaleas and other plants.

George Giatras, West Hoboken, N. J.—George Giatras, who has had considerable success in fern growing, has recently enlarged and otherwise improved his range. He not only grows good ferns, but is also bringing in a fine stock of rhododendrons, hydrangeas and other plants.

John Birnie, West Hoboken, N. J.—The late John Birnie was an expert grower of geraniums, and his son and successor, John Birnie, has inherited the art. He has a great stock of geraniums and other plants coming on.

Rudolph Wittman, West Hoboken, N. J.—Rudolph Wittman has an established reputation as a grower of bedding plants, and has, as usual, a fine stock coming on for the opening of the spring trade.

A. F. F.

State Florists' Association of Indiana.

The spring meeting of the State Florists' Association of Indiana will be held at Terre Haute, Tuesday, April 11, and as this is the first time the association has met in that city, a record attendance is anticipated. Members will assemble at Davis Gardens, which are reached by auto bus from Hein's Flower Store, Seventh street and Wabash avenue. A lunch will be served at Davis Gardens promptly at 12:00, followed by a business session. After an inspection of the Gardens, a tour of the local florists' establishments via auto will be made. Members are requested to bring novelties as well as standard sorts, and if unable to attend yourself, your exhibit will be taken care of and properly staged if shipped to the Davis Gardens. The officers and members of the Terre Haute Florists' Club desire to make this the banner meeting of the year, so do not disappoint them. O. E. STEINKAMP, Sec'y.

Bowling at New York.

The New York Florists' Bowling Club rolled the following scores Thursday, November 30:

Braun	150	180	176
Donaldson	162	154	186
Scott	169	174	180
Fenrich	162	149	165
Jacobson	154	157	149
Hofmeier	150	139	157
Miesen	165	178	178
Siebrecht	148	156	147
Kakuda	150	160	148

H. C. RIEDEL, Sec'y.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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CHAIRMAN ASMUS of the National Flower Show Committee reports the Philadelphia exhibition a decided success financially.

PHILADELPHIA parks can charge the public "two bits" per person to inspect the Cleopatra crocodile at the "zoo" on the Sabbath day, but the same right to gate money is denied to the flower shows.

ON account of the late date of Easter much plant stock usually ready for that occasion will be past its best and it is, therefore, believed high-grade flowering plants will command good prices this year.

BENJAMIN HAMMOND says there was a fine lot of material exhibited at the Fourth National Flower Show last week, but that the building was not large enough. It was a national show, he says, without the flag in its proper position.

THE proceedings of the fifteenth annual meeting of the Chrysanthemum Society of America, held at Cleveland, O., November 10-14, 1915, have been printed and mailed to members. Those interested who have failed to receive copies should address Secretary Chas. W. Johnson, 2134 West 110th street, Chicago.

New Weather System Fallacious.

The chief of the United States weather bureau reports that in the opinion of the bureau, a new system of long-range weather forecasting, which has been widely discussed recently, is quite fallacious. The new system is said to be based on the spottedness of the sun and rifts and shafts of solar radiation. In the opinion of the weather bureau it belongs in the same class with other methods of long-range weather forecasting based on lunar, planetary, magnetic, and astrological considerations.

During the past few years the weather bureau has received full specifications concerning all the essential details of this particular system. Moreover, other scientists of international reputation now connected with the strongest institutions of the world engaged in astronomical research, have also passed upon these new theories, and are in accord that the deductions and conclusions drawn from the solar conditions on which the new system is based are unwarranted.

The alleged discovery is regarded as only one of a number of similar schemes which are continually being put forward. In some cases the advocates of these schemes assert that they can forecast the weather for weeks or months in advance. These pretensions meet with a certain credence because there are a number of people who still cling to the ancient belief in the influence of the moon on the growth of crops. In consequence the weather bureau has been called upon from time to time to caution the general public against putting faith in these so-called discoveries.

Begonia Mrs. J. A. Peterson.

The parentage of this dainty hybrid is of special interest, according to a correspondent of the London Gardeners' Chronicle, especially if B. socotrana, which is placed first, is the seed-bearing parent, as this species has persistently refused to produce seedlings differing materially from itself. The other parent, B. Gloire de Sceaux, is itself of doubtful origin, the parentage recorded by the raiser not being generally accepted; at least one high authority is of opinion that its progenitors were B. incarnata purpurea x B. socotrana. In any case, the South African species B. Dregei had no part in it. Yet in the variety Mrs. J. A. Peterson, the characters of B. Dregei—which gave to B. Gloire de Lorraine its free-blooming and graceful habit—are unmistakably in evidence. As a cross between B. Gloire de Lorraine or one of its sports and B. Gloire de Sceaux this would be accounted for, but for B. Gloire de Sceaux and B. socotrana to produce such an offspring is, to say the least, remarkable, and appears to render more uncertain the origin of B. Gloire de Sceaux. Whatever the source may be, Mr. Peterson, of Cincinnati, is to be congratulated on having raised an excellent begonia, which promises to become as popular as B. Gloire de Lorraine.

Has the Carnation Reached its Zenith?

In reference to J. H. Pepper's paper "Has the Carnation Reached its Zenith?", read at the February meeting of the New York Florists' Club, I say absolutely no. It has reached a very high standard in size, color and stem, but these are not the entire qualifications necessary to the carnation.

It is a great pity that throughout this country such a valuable flower should be judged only for those points. The keeping qualities and the fragrance are every bit as important. The great trouble with the grower is that he has become money mad, and the flower suffers from overfeeding and overforcing. Years ago, when we had such flowers as William Scott, carnations would keep a week at least; today we are lucky if they keep over night. You say the retailer today would not take William Scott, which is true; but can we not have a carnation which is improved in keeping qualities and in fragrance as well as in size and color? Years ago when we had William Scott we sold carnations in great quantities because the public could keep them. Today, they buy roses because they outlast the carnation. I do not deny that the rose is a more beautiful flower, and that its development in a jar of water is very interesting to the public, but I hardly think that is the cause of the decrease in carnation sales in the high class flower shop. Our public has for quite a number of years complained of the keeping qualities of the carnation, and I feel it my duty to tell the grower of my experience. In fact, this sort of thing has for years been greatly lacking in the florist business, and I hope to see the day when the florist commission man and the retailer will meet at regular intervals to talk over the shortcomings in every phase of the business, to their mutual advantage.

G. E. M. STUMPP.

New York Spring Show.

New York, April 5.—The weather conditions are very favorable to the great annual exhibition. Taking a wide view it is the best flower show ever staged in this country, not only in arrangement but in quality and variety. The cyclamens, schizanthus, hydrangeas, primulas and bulbous stock are splendid both in quality and variety. Looking at the rose gardens William Falconer, of Pittsburgh, Pa., said: "Magnificent and an education for the people."

Two noteworthy private groups of spring bulbous stock are those staged by Arthur Golding for Daniel Reid and P. W. Popp for Mrs. Darlington. Scheepers & Co. made a similar trade display, also one of amaryllis in bloom.

Notable in the commercial displays are four splendid and varied rose gardens. In these the F. R. Pierson Co. took first place.

Five magnificent private groups of spring-flowering plants, not bulbous, are worth going many miles to see.

There are three beautiful rock gardens in competition, the Cromwell Gardens securing first prize.

Wm. Vert, gardener for Howard Gould, and Wm. Duckham, both staged grand amaryllis.

James Forbes, of Portland, Ore., says it is a beautiful show and wonderfully staged.

A. F. F.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—As an all-round florist; can handle carnations bedding plants, etc. Address Depot Hotel, 740 S. Dearborn St., Chicago, Ill.

Situation Wanted—As assistant on private place, 12 years' experience, good references. English. Address Key 626, care American Florist.

Situation Wanted—Man thoroughly experienced and capable of taking charge of a private or commercial place. Address Key 619, care American Florist.

Situation Wanted—Well educated young lady wants an apprenticeship, with room and board, with florist, where she can learn designing. M. CARTMILL, 1327 Clark St., Stevens Point, Wis.

Situation Wanted—All around man. Experience in both private and commercial place. Single. Can come well recommended. Ready to start at once. JOHN PLEVY, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address Key 622, care American Florist.

Situation Wanted—By practical gardener as head man. Life experience in all branches of gardening; thoroughly understands the growing of all greenhouse plants, cut flowers, fruits and vegetables, lawns and flower gardens. Age 35, married; private place preferred. E. ADAMS, No. 11 South St., Niagara Falls, Ont.

Help Wanted—Helpers wanted in rosehouses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Experienced girl to act as cashier and wait on trade in retail flower store. GEO PERDIKAS, 417 S. Wabash Ave., Chicago.

Help Wanted—Experienced gardener for good position. Single man preferred. OAK HILL CEMETERY ASSOCIATION, Lebanon, Ind.

Help Wanted—Good grower of general stock for retail trade. Single. Wages, \$30.00 per month with room and board. ALTON FLORAL CO., Alton, Ill.

Help Wanted—Reliable married working man, having a little experience, for routine work in greenhouse and garden. LEVANT COLE, Battle Creek, Mich.

Help Wanted—Several experienced men wanted in our chain of stores. Steady positions. Apply at once. JOSEPH TREPEL, 334 Lewis Ave., Brooklyn, N. Y.

Help Wanted—An experienced young man for nursery and greenhouse work. Wages, \$15.00 per week. Give references. H. G. W., 312 W. Chestnut St., Louisville, Ky.

Help Wanted—Young man as general assistant in commercial greenhouse establishment. State age, experience and wages. Address Key 625, care American Florist.

Help Wanted—Experienced florist to take charge of greenhouses and grounds, private sanitarium. Single man preferred. Married man, no children, considered if wife willing to accept employment. THE OXFORD RETREAT, Oxford, Ohio.

Big Bargain—If you want an 84 ft. corner with over 4000 feet of new glass, stocked, and a six room cottage right in Chicago for \$5,600 (that is the bottom price) call any Saturday afternoon, Sunday, or evening or write to owner, T. GRABOWSKI, 4523 W. Addison St., near Milwaukee Ave.

For Sale—Open delivery wagon. Good bargain. PAUL BLOME & Co., 1361 N. Clark St., Chicago.

For Sale—Old established florist business; three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, automobile, fixtures and supplies will invoice the amount. Possession at once. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

WANTED
100,000 Feet Of Glass
 near Chicago, planted with cut flowers. State full particulars in first letter. Key 610, care American Florist.

WHOLESALE
WANTS TO RENT

a range of greenhouses anywhere in the United States which is in good condition. State full particulars in first letter and do not write unless you mean business. Key 607, care American Florist.

Capital Wanted

Young man thoroughly experienced in Retail Florist business is desirous of securing a partner with several thousand dollars to open a store in the Chicago loop. For further particulars, address Key 621, care American Florist.

HELP WANTED

Head Gardener

Write to CIVIL SERVICE BUREAU, Court House, St. Paul, Minn., for information regarding the examination to be held April 21. The examination will be unannounced and may be written by the applicant at his home.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address Key 627, care American Florist.

Wanted to Lease

Going commercial greenhouse establishment within 50 miles of Chicago. Give full particulars in first letter. Address Key 622, care American Florist.

For Sale—On account of age and death in family, I offer for sale my greenhouse property and business which I started 35 years ago. It is located in a prosperous city in Indiana; present population 75,000 and growing rapidly. All the surrounding territory is thickly populated, with several nearby towns of from 5,000 to 15,000, connected by interurban, in which I have a great number of customers. The business is well established, the real estate very desirable, and all improvements in first class conditions. The property consists of real estate with a frontage of 158 feet on a modern paved street with street car line. It extends back 275 feet and also has a frontage of 146 feet on a fine residence street at the back. The improvements consist of a new modern cottage with gas, electric lights, bath and sewerage connections; three greenhouses, each 23x100 feet, heated by hot water; office, barn, large packing shed and warehouse, and a modern, new well equipped boiler-room. The greenhouses are well stocked with carnations and bedding plants. This is a fine opportunity and must be seen to be appreciated. Write me for full particulars. Address Key 624, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 30,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address Key 612, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

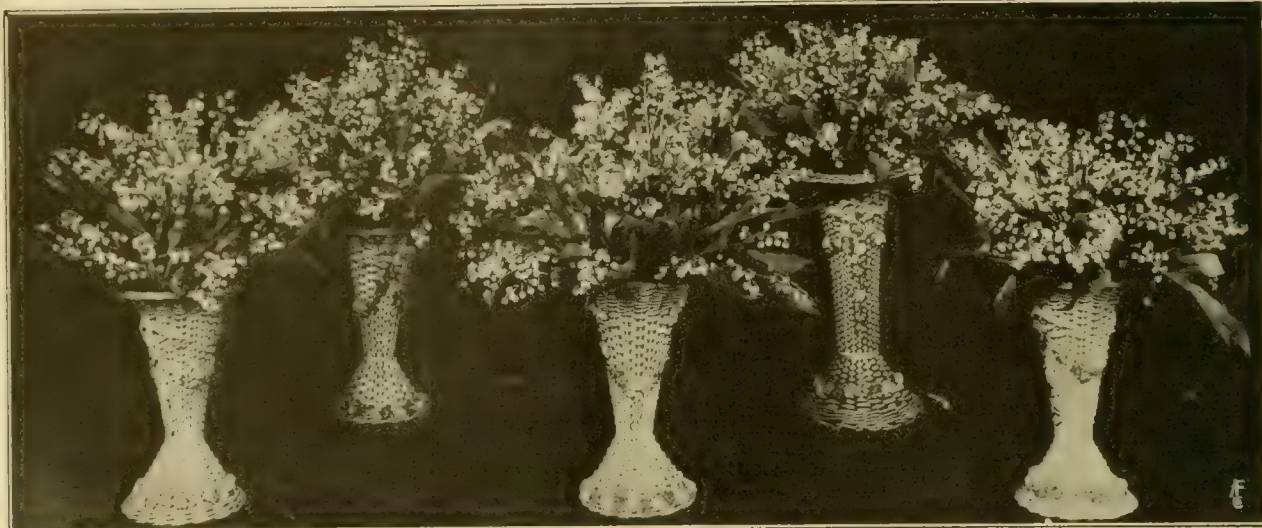
It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Easter Valley



BRUNS' FIRST PRIZE LILY OF THE VALLEY AT THE CHICAGO SHOW, NOVEMBER 11, 1915.

From Cold Storage for Easter and Spring Flowering

Bruns' Celebrated Chicago Market, \$20.00 per 1000; \$10.50 per 500; \$6 per 250
Florists' Money Maker, \$16.00 per 1000; \$9.00 per 500; \$5.00 per 250; \$2.00 per 100

➔ Ask Your Chicago Dealers for Bruns' Cut Lily of the Valley

H. N. BRUNS, 3040 Madison St., Chicago, Ill.

Los Angeles.

PLENTIFUL SUPPLY OF GOOD QUALITY.

Spring is the most favored time for flowers, even in California, and some of the florists are taking advantage of the great variety and making up baskets of spring flowers. They are attractive to say the least. Forget-me-nots, Cecile Brunners and many others of the little things that go to make a window look beautiful, are becoming more plentiful. Ixias and tulips compose the bulk of the bulbous flowers just now, though there are some ranunculuses to be seen. Lilacs are especially fine this year. The cool winter with plenty of rain seems to have brought them up to the lilac of the east. The cut branches of the fruit trees and the acacias have about disappeared. The Japanese quince is still to be seen to some extent. It seems to be the opinion of all the dealers that the Easter trade this year will far exceed that of any other year. In fact, a record breaker.

NOTES.

J. W. Wolters, the Hill street florist, reports exceptionally good business. This is one place where the windows are always well stocked with a variety, having many things not seen in the usual window display. This store had the only showing of cinerarias that came under our observation; also some remarkably fine baskets of spring flowers, which attracted a great deal of attention.

This has been a busy week for the Redondo Floral Co. Monday started in with two palls on the rack. They are displaying many novelties for the Easter trade and look forward to the busiest Easter in the firm's history. A special tulip day this week was a great success.

O. C. Saakes is showing a beautiful clear pink heather, of the mediterranea type; also showing some American Beauties, something like five-foot lengths. Mr. Saakes believes he has the finest stock of roses in the city.

The force at Wright's Flower Shop are all busy at this writing. They always have a fine showing in roses. They will have a big supply of Easter lilies and are looking forward to a big trade at that time.

The "California Florists" are moving again. This time from 716 South Grand avenue to the Gates hotel at Sixth and Figueroa streets, where they expect to open up with a complete stock of plants and cut flowers.

The force at Wolfskill Bros. & Morris Goldensen's has been busy on funeral designs, putting up many expensive pieces.

A few watsonias were shown at the shop of the Broadway Florists. They also have a great line in baskets.

The supply of Easter lilies is going to be up to the usual amount in spite of the lateness of the date.

G. H. H.

Retail Florists



Now is the time to prepare your advertising for March, April and May, covering

Easter

Mother's Day

Spring Planting

Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

Mention the American Florist when writing

Trade Directory

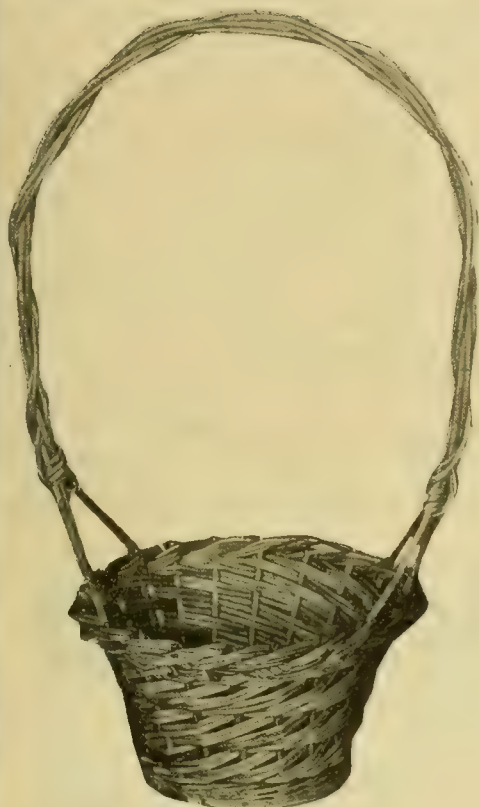
PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

BIG EASTER BASKET BARGAINS



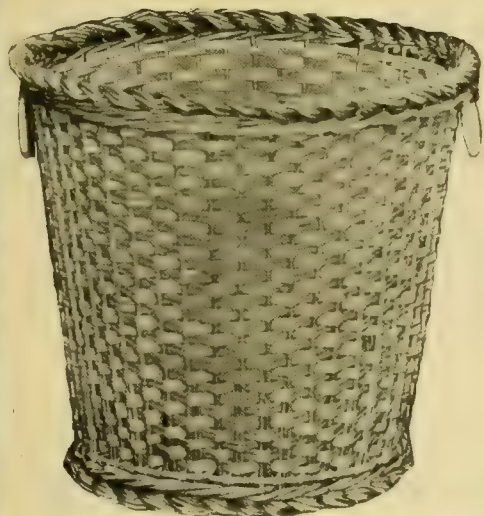
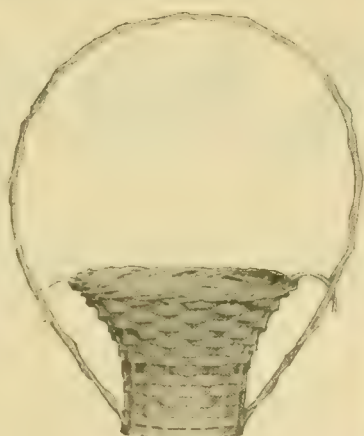
24 Plant Baskets \$10
Smaller Sizes

Same lot in Two-tone finishes, \$15.

24 Plant Baskets \$15
Larger Sizes

Same lot in Two-tone finishes, \$20.

EVERY basket in either assortment is worth at least 80 cents and is suitable for all Easter plants, such as Lilies, Hydrangeas, Rhododendrons, Azaleas, Lilacs, Spiræas, Roses, and all other Easter flowering and foliage plants. You cannot afford to pass either one of these offers by, so send in your order today.



25 Cut Flower Baskets

With metal liners in all the Two tone finishes.

\$7.50

50 Pot Covers

Fitting 6 in., 7 in., 8 in., 9 in. and 10 in. pots.

\$20.00



Write for our new Catalog of Spring Styles just off the press.

To Reach Our Store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store and display rooms

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5.....	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Charles Millang

WHOLESALE FLORIST

No. 55 West 26th St., NEW YORK

Branch Plant Department: 52 West 26th St.

Telephone: Farragut 2483

Horace E. Froment

WHOLESALE FLORIST

148 West 28 Street, = = NEW YORK

All the Best Varieties of ROSES From the Best Growers

And All Other Seasonable Flowers.

Canadian Horticultural Association.

The executive committee of the Canadian Horticultural Association met, March 20, in Berlin, Ont., and decided to hold the annual convention August 7-9 in that city. The following papers will be read at the meetings: "Sweet Peas", by A. A. Elliott, Brampton, Ont.; "Success with a Home Garden", by Geo. Baldwin, Toronto, Ont.; "The Commercial Culture of Peonies and Dahlias", by Harry Tattle, Toronto,

Ont.; "Bedding Plants", by F. Wise, Peterboro, Ont.; "The Gladioli", by A. Gilchrist, Guelph, Ont.; "Problems of the Retailer", by Harry G. Dille-muth, Toronto, Ont.; "Outdoor Roses", by Julius Luck, Montreal, Que. The social part of the program, which was left to the local committee, promises to be very good, judging by a few glimpses given by H. L. Janzen, Mayor Hett, and Ald. Hallman, president of the Berlin Horticultural Society.

A committee has been appointed to prevent the illegal importation of lily of the valley, of enemy origin. A letter was read from Superintendent H. J. Jackson, of Queen Victoria park, Niagara Falls, advising the association that the commission has set aside a portion of the park for the testing of new plants and for registration of same along the lines as discussed at the last convention at London, Ont.

J. LUCK, Sec'y.

Why Worry? YOU DON'T HAVE TO THINK Others have already done that for you

Just follow the buyers of those high-class 5th Ave., Madison Ave. and Broadway stores and they will lead you to

TRAENDLY & SCHENK. We Lead in Quality!

That is what has made these stores famous, the world over. They want the best flowers grown, and they get them from

TRAENDLY & SCHENK. A VERY GOOD REASON WHY THEY ARE SUCCESSFUL.

They insist on distributing the kind of flowers the discriminating buyer wants. That is why the store of **TRAENDLY & SCHENK** is always brimful of Life and Activity. The live ones know it. Are you one of the live ones, Mr. Reader? If not, we are telling you something.

American Beauties	Ophelia	Stanley	Hadley
Ward	Shawyer	Mock	Radiance
Sunburst	Hoosier Beauties	Taft, and	The Killarneys

OUR CARNATIONS ARE BUSINESS GETTERS.

Cattleyas We will have a large supply of extra fine Schroderiae—and all the novelties in season. **Spencer Peas** All the Varieties. **Violets**

Together with all the necessary requisites that go to dressing up a real flower store.

TRAENDLY & SCHENK

436 6th Ave. Bet. 26th and 27th Sts.,

PHONES—
797-798-799 FARRAGUT

NEW YORK CITY

Toledo.

BUSINESS VERY ENCOURAGING.

With the arrival of real spring weather, and splendid condition of the market, the business enjoyed by all connected with the local trade has been very encouraging. The market is in better condition than it has been in some time. Stock of all kinds is plentiful and of good quality. Plants in great variety are being offered the public and are leading in the sales. The sales of seeds and all sorts of shrubs and vines are now being pushed. The supply of roses is equal to the demand. Carnations are more plentiful and bring from 75 cents to a dollar per dozen in retail stores. Cut bulbous stock is not arriving in quantities sufficient to supply the demand. Sweet peas and violets are abundant and bring fair prices.

NOTES.

The Helmer Flower Shop had its opening March 27 and it was attended by hundreds of people. The new store is located at 617 Madison avenue and is attractively equipped throughout. It is operated by Jacob Helmer, formerly designer for Miss Helen Patten of this city, and Miss Josephine Helmer, formerly with John Breitmeyer's Sons, Detroit, and Mrs. J. B. Freeman, of this city. Both have had a long and valuable experience in the florists' business and many friends in this city wish them success in their new venture.

The Elite Flower House, 421 Madison avenue, threw open its doors to the public April 7. It is under the management of Henry Wustrow, formerly employed by Max Spanner. He was also connected with Fleischman's of New York and Schmidt's flower store of Berlin. His knowledge of the flower business is thorough and he is

For Your Easter Trade

We have high-class Roses, both the newer and standard varieties, **Carnations, Sweet Peas, Lilies, Narcissus, (Ward's Pansies in quantity), Tulips** and all other seasonable Flowers and Greens. Consignments solicited.

J. J. COAN, Wholesale Florist

115 West 28th Street, New York

Telephones, Farragut 5413-5891.

Mention the American Florist when writing

recognized as an expert in flower circles in this city. He will also do landscape gardening and architecture. A feature of the service of the Elite Flower House will be deliveries from seven to midnight.

Another new flower shop that opened April 1 was the Eastern Cut Flower Store located on Superior street between Adams and Madison. It is managed by F. Hartzel, who was for-

merly in the flag decorating business.

The Park Flower Store, located at Madison and Ontario streets for the past year, will retire temporarily from business on May first. Mr. Park, the proprietor, says he will re-open in the early fall.

Schramm Brothers have added an attractive new Studebaker car to their delivery service.

A. C. F.

DO YOU WANT TO ATTAIN TRUE CULTURE? THEN YOU MUST BE EAGER AND WILLING TO SWIM AGAINST THE STREAM AND NOT BE SATISFIED TO JUST FLOAT WITH THE TIDE

ROSE GROWERS

MME. PAUL EULER (Prima Donna)—You shouldn't be without it. A grand deep pink rose—darker, better form than the Russell—very fragrant and constant bloomer—always sells at highest American Beauty prices. \$15.00 per 100, \$125.00 per 1000. Order early.

'MUM GROWERS Here are two most desirable varieties

ALEX. GUTTMAN—A very early lavender-pink, comes in bloom middle of September. Exhibition size, foliage not too large; can be planted close. \$35.00 per 100. And

EMMA—A Garza type anemone double pompon, light pink—it's a dandy. You will make no mistake in getting these. Comes in about November 15, stays to December. \$15.00 per 100. Plants ready now.

CARNATION GROWERS

LAURA WEBER is a most pleasing shade of salmon-pink—a high-grade bloom, remains strong till summer, does not fade out, always commands better than the highest market price. You can't go wrong on buying 100 or 250 cuttings, if you don't care to get 1000 or more. Prices, \$12.00 per 100, \$100.00 per 1000. First come, first served. Order now.

Write us for further particulars. We have more good things coming!

□ The Wholesaler, as well as the Retailer, is a necessity—each has his special function. "Ours" is to secure the best obtainable; "yours," to carry the finest to maintain your business. Our interests are interlaced—"ENOUGH SAID."

Visitors to New York will confer a deep honor on us by calling at our establishment

GUTTMAN & RAYNOR

INCORPORATED

101 W. 28th St., NEW YORK CITY

Phones: Farragut 2036-2037-558

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street, (Coogan Building) Telephone, 3864 Farragut, New York

Agent For The

CELEBRATED

Beechwood Heights Nurseries

Growers of

Fine Orchids and Gardenias

Everything in Cut Flowers

Tremendous Supply

LILIES

Sweet Peas-Carnations

Beauties--Roses

FOR EASTER

Everything in Seasonable Cut Flowers and Greens. Complete line in every respect, so if you do not see what you want in the list write for it and you will be accommodated if it is in the Chicago market.

Here are the Lilies, the Best Ever Grown

Extra Select, - - per 100, \$15.00 Good, - - - per 100, \$10.00
 Fancy, - - - " " 12.50 Short, - - - " " 8.00

➡ Get Our Quotations on Lilies and Other Stock in 1000 Lots ➡

EASTER PRICE LIST

*Subject to Change
Without Notice.*

Beauties.

	Per doz.
Long stems	\$6.00
30 to 36-inch stems.....	5.00
20 to 24-inch stems.....	\$3.00 to 4.00
15 to 18-inch stems.....	2.00 to 2.50
12-inch stems	1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$20.00 to \$25.00
Good medium	10.00 to 15.00
Good short	6.00 to 8.00

Roses.

Ophelia, fancy	\$12.00
" good	\$5.00 to 6.00
" short	4.00
Killarney, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy.....	8.00 to 10.00
" good.....	5.00 to 6.00
" short.....	4.00

	Per 100
Richmond, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$6.00
-----------------	------------------

Carnations.

	Per 100
Carnations	\$3.00 to \$4.00
" special fancy	5.00
" splits	2.00

Easter Lilies.

	Per 100
Select	\$12.50 to \$15.00
Shorter	8.00 to 10.00

Miscellaneous.

	Per 100
Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double...	.50 to 1.00

Greens.

Asp. Plumosus....per string.	\$0.50
Asp. Plumosus Sprays.bunch.	\$0.35 to .50
Sprengerii .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1,000,	3.00
Galax Leaves.....per 1,000,	1.00
Boxwood, per lb., 25c; 50-lb.	case
Pussy Willow....per bunch,	.35 to .50

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

J. A. PETERSON & SONS

PHONES
Greenhouses, Warsaw 808-X
Residence, - Warsaw 944-X

Wholesale
Plant Growers

SPECIALTIES
New Winter Flowering Begonias.
Mrs. J. A. Peterson (1915)
Melior (1914)
"Glory of Cincinnati"
Cyclamen giganteum,
Pandanus "Veitchii"
Asplenium Nidus Avis,
Hydrangeas in Specimens

3132 McHenry Ave., Westwood, CINCINNATI, OHIO.

EASTER PLANTS

We Offer for Easter, 1916:

Climbing Roses in the following varieties, Newport Fairy, Excelsa, White Dorothy, Dorothy Perkins, American Pillar and Hiawatha; these are all 3-year old plants, and trained in many different shapes so as to make a fine display. We offer them at \$1.50, \$2.00, \$3.00, \$4.00 and \$5.00 each; these plants are from 3 to 6 feet high, and a mass of flowers.

Hydrangeas, French varieties and Otaksa, well flowered and good value at \$1.00, \$1.50, \$2.00, \$3.00 and \$4.00 each. These plants promise to be better than we ever had them before.

Lilium giganteum, 5-inch pots, 3 to 5 flowers, at 15 cents each per flower and bud.

Lilium giganteum, 6-inch pots, 6 to 10 flowers, at 15 cents each per flower and bud.

Pandanus Veitchii, colored, in large plants only, \$2.50, \$3.00 and \$4.00 each.

Thanking you for past favors, and assuring you of good value in above lines, we are,

Yours very respectfully,

J. A. PETERSON & SONS.



We Are Better Prepared Than Ever
TO FILL ALL ORDERS FOR

Easter Plants

Our stock is exceptionally fine and in prime condition. Order at once. Will ship promptly.

Our Lilies

Are now in fine condition for shipping. Buds are just right. Have two large houses full of them, in medium and full sizes, from three buds up to ten buds to the plant, at 10c per bud, with four or more; less than four buds to plant, 12c per bud.

Azaleas, such as Mme. Van der Cruyssen, 6-7-8 in. pots, 75c, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50; Verveneana, double rose, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50; Verveneana Alba, white, \$1.00, \$1.25 and \$1.50; Niobe, double white, \$1.50, \$2.00 and \$2.50 each; Blushing Bride, shell pink, \$1.00 and \$1.25 each; Jean Peters, double red, \$1.50 and \$2.00 each; Hexe or Firefly, 50c and 75c.

Hydrangeas, both French and Otaksa varieties, 6-in. pots, 50c, 75c and \$1.00 each.

Spiraea Gladstone (we have a large house of this popular Easter plant), 6 and 7-in. pots, full of buds, 35c, 50c and 75c each.

Cineraria Hybrida, best strain, 6-in., 30c, 40c and 50c each.

Begonia Luminosa, bright red flowers, 4-in., 15c; 6-in., 25c.

Roses, Magna Charta, Baby Rambler, 6-in., 50c and 75c.

Genistas, 6-in. pots, 50c and 75c.

Hyacinths, such as Gertrude, best pink; Grand Maitre, lavender; King of the Blues, La Grandesse, best white, 4-in. pots, \$12.00 per 100.

Tulips, 3 bulbs in a 4-in. pot, such as Murillo, pink; Imperator rubrum, double red; Couronne d'Or, yellow, \$15.00 per 100.

Daffodils, Von Sion, 3 double nose bulbs in a 5½-in. pot, \$3.00 per doz.

Dracaena Terminalis and Lord Wolseley, 6-in., 50c each.

Kentia Forsteriana, 6-in. pots, \$1.00 and \$1.25 each.

Aspidistra, green-leaved, 6-in. pots, \$1.00.

Ipomoea Noctiflora (Moonvines), 2½-in. pots, \$5.00 per 100; 3-in. pots, \$8.00 per 100.

Asparagus Plumosus, 4-in., \$12.00 per 100; extra heavy.

CASH WITH ORDER, PLEASE. ALL GOODS MUST TRAVEL AT PURCHASER'S RISK ONLY.

GODFREY ASCHMANN, Importer and Grower of Potted Plants,
1012 W. Ontario Street, Philadelphia, Pa.

BIG SUPPLY OF ROSES FOR EASTER

You Can Get What You Want Here In

American Beauties

Milady

Killarney

My Maryland

White Killarney

Mrs. Chas. Russell

Richmond

Sunburst

Ophelia

Our prices for Easter this year are very reasonable when the exceptionally fine quality of the roses that we are offering is considered. Send us your order as early as possible and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Plenty of Red, White and Pink for everybody at \$4.00 to \$5.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Violets and Complete Line of Greens.

Easter Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$6.00
48-inch stems	5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short	\$0.75 to 1.00

Richmond.....	Per 100	
Killarney.....		
White Killarney.....	Extra select	\$10.00
My Maryland.....	Select	8.00
Sunburst.....	Medium	\$5.00 to 6.00
Ophelia.....	Short	4.00
Milady.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00 to \$4.00
Select	2.50
Medium	1.50 to 2.00
Short .....	.75 to 1.00
	Per 100
Roses, our selection.....	\$4.00
Carnations, fancy	5.00
Select	4.00
Common	3.00
Harrisii	\$12.50 to 15.00
Valley	4.00 to 5.00
Violets .....	.75 to 1.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000.....	\$3.00 .35

2,000,000 Feet of Modern Glass

PETER REINBERG

Wholesale Florist

30 East Randolph St.,

Long Distance Phone
Central 2846
601

CHICAGO

**Large
Supply**



**Fancy
Stock**

Easter Lilies

Large quantities of flowers of exceptionally fine quality, and at prices that are right.
Plenty of Lilies and all other Seasonable Stock; so let your orders come.

Cudahy Roses

All the Leading Varieties

with American Beauty, Russell, Ward, Killarney and White Killarney showing up exceptionally well.

Those Milwaukee

Carnations

Extra Fancy Blooms

of the finest grade, with excellent keeping qualities, just right for shipping orders.

A Trial Order Will Convince You. Let Us Have It Now

GUST. RUSCH & CO.

444-446 Milwaukee St.,

MILWAUKEE, WIS.

Mention the American Florist when writing



HYACINTHS

Large assortment of pans, with 3 to 7 bulbs each, pink, blue and white, at 25c, 35c, 40c and 60c each. Dandy sellers. Order early.

SPIRÆS

Queen Alexandra and Gladstone.

Beautiful plants,
35c and 50c each.

Pyfer & Olsem
WILMETTE, ILLINOIS

EASTER FLOWERS

**Beauties--Roses--Sweet Peas--Lilies
Carnations--Also Fancy Russell Roses**

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of

**Russell, Ophelia, Killarney Brilliant, Pink Killarney,
White Killarney, Rhea Reid, Richmond and Sunburst.**

LILY PLANTS

All **Giganteums** strong growth, packed without pots, about 100 to 125 buds to the box, the ball of dirt being securely wrapped in paper. Plants packed in this manner travel in much better shape and cost very much less express. Prices, plants 15 inches and over above the pot, 10c per bud; shorter plants, 8c per bud.

Cut **Lilies**, \$10.00 per 100, or \$1.50 per dozen.

SWEET PEAS

Zvolanek's Orchid-Flowering varieties. These sell according to length of stem at from . . . \$1.00 to \$2.00 per 100.

BULB STOCK

At market prices depending on quality. **Jonquils, Daffodils, Tulips** (double and single), and **Paper Whites**, a large supply.

PRICE LIST

American Beauties		Per doz.	Mrs. Russell		Per 100
Extra long stem, specials.....	\$5.00 to \$6.00		Extra long stem	\$20.00 to \$25.00	
Medium	2.00 to 4.00		Good medium	10.00 to 15.00	
Shorter lengths.....	.75 to 1.50		Good short	6.00 to 8.00	
Brilliant, Sunburst, Ophelia, Richmond and Rhea Reid		Per 100	Pink and White Killarney		Per 100
Extra long stem	\$10.00 to \$12.00		Extra long.....	\$8.00 to \$10.00	
Good medium	8.00		Good medium	6.00 to 7.00	
Good short	5.00 to 6.00		Good short	4.00 to 5.00	

ROSES, our selection, in lots of 200 or more, at the rate of \$4.00 per 100.

CARNATIONS

Red, extra fancy **Belle Washburn**, \$6.00 per 100; Pink and White, extra fancy, \$5.00 per 100.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

CHICAGO'S BIGGEST LITTLE SUPPLY HOUSE



No. 1516.

An entire new line of goods, no left over stock whatever, so you get the best when you order here.

PLANT BASKETS

A fine strong appearing Willow Plant Basket for Easter. Just what you need for all the blooming and decorative plants. An exceptionally good seller.

Special \$10.00 Easter Assortment of Cut Flower and Plant Baskets in all the desired colors or in any of the two-tone finishes. This is a big bargain and is a sort of Get-Acquainted-With-Us proposition. State sizes desired when ordering.

Size	Dia. ins.	Depth ins.	Height ins.	Stained Each	Enam. or Ant. Green Each	Two Tone Each
1	10	6	19½	\$0.45	\$0.55	\$0.65
2	12½	6½	23	.65	.75	.85
3	15	8	26	.90	1.05	1.15

Linings extra, \$0.15, \$0.20 and \$0.30.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS.

Large supply for Easter—Roses, Carnations, Calendulas, Violets, Sweet Peas, Spanish Iris, Jonquils, Daffodils, Lilies, Tulips, Snapdragons, Single and Double Stocks, Mignonette. Callas. Pussy Willows, Greens of all kinds.

O. A. & L. A. TONNER,

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph St.,

L. D. Phone—Central 6284

CHICAGO

Gullett's Easter Plants

Lilies, Hybrid Roses, Dwarf Rambler Roses, French Hydrangeas, Spiraeas, Azaleas, Genistas, Palms, Ferns



LILIES--LILIES

The finest we have ever grown. All selected 9 to 10-inch Giganteums, with clean, healthy foliage. Order early and let us ship your Lilies in bud. One price, 12½c per bud.

Cut Lilies Carefully packed, 100 in a box, at \$10.00 and \$12.50 per 100. Clean stock, sure to please.

ROSES

Hybrids, Dwarf Ramblers. Thrifty, well flowered Roses of *Magna Charta*, at 50c, 75c and \$1.00. Dwarf Ramblers, *Souper*, etc., at 50c, 75c and \$1.00. Ramblers, in fancy shapes, at \$1.50, \$2.00 and \$2.50.

SPIRAEAS—Pink and White

Our Spiraeas are very fine, 6-inch and 7-inch pots, 50c, 75c and \$1.00.

FRENCH HYDRANGEAS

Small, medium and large plants in the pink of condition, at 25c, 50c, 75c, \$1.00 and \$1.50.

AZALEAS

Deep pink and variegated, at \$1.00, \$1.25 and \$1.50.

PRIMULA OBCONICA

Nice 5-inch, at 20c each.

PALMS

Kentia Belmoreana and *Forsteriana*, and *Areca Lutescens*, 4-inch, 4 to 5 leaves, 35c each; 5-inch, strong, 75c each. *Cocos Weddelliana*, 3-inch, 25c each.

FERNS

Boston and *Roosevelt*, 5-inch, 25c; 6-inch, 50c; 7-inch, 75c; 8-inch, \$1.00. *Whitmani*, 6-inch, 50c; 7-inch, 75c; 8-inch, \$1.00. *Schoellzell*, 5-inch, 30c. *Scottii*, 6-inch, 50c.

ASPARAGUS PLUMOSUS

2½-inch, \$4.00 per 100; 3-inch, \$7.00 per 100; 4-inch, \$12.00 per 100.

SHIPMENT IN PAPER POTS WHEN ADVISABLE

GULLETT & SONS,

Lincoln, Illinois

1865 — Fifty-one Years of Square Dealing — 1916

BIG SUPPLY

FOR EASTER

Roses-Carnations-Lilies-Sweet Peas
Orchids-Valley-And Everything Else in
Seasonable Cut Flowers and Greens.

75 Expert Growers

Produce stock for us, thereby insuring our customers a selection and a variety of the finest flowers only. We aim to give satisfaction as to quality, service and price, and respectfully solicit your patronage.

A Few of Our Many Offerings Worthy of Your Especial Attention

Milady, Mrs. Chas. Russell, Killarney Brilliant, Mrs. Aaron Ward, Richmond, Killarney Queen, White Killarney, Sunburst, Cecile Brunner and Fireflame Roses. All the leading Carnations, Fancy Lilies, Choice Orchid-Flowering Sweet Peas, Bulbous Stock and a complete line of Green Goods. The ones who place their orders with us this Easter are going to receive such big value for their money that they will be absolutely satisfied.

EASTER PRICE LIST.

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.	CARNATIONS.		Per 100
Extra long stem, specials.....		\$5.00 to \$6.00	Carnations		\$ 3.00 to \$ 4.00
Medium		2.00 to 4.00	" special fancy		5.00
Shorter lengths .....		.75 to 1.50	" splits		2.00
MRS. CHAS. RUSSELL.		Per 100	EASTER LILIES.		
Extra fancy		\$20.00 to \$25.00	Select		\$12.50 to \$15.00
Good medium		10.00 to 15.00	Shorter		10.00
Good short		6.00 to 8.00	MISCELLANEOUS.		Per 100
BRILLIANT, SUNBURST, OPHELIA, RICHMOND, WARD, MILADY AND KILLARNEY QUEEN.			Callas		\$12.50 to \$15.00
Extra fancy		\$10.00 to \$12.00	Valley		4.00 to 5.00
Good medium		8.00	Sweet Peas .....		.75 to 1.50
Good short		5.00 to 6.00	Tulips		3.00 to 4.00
KILLARNEY, WHITE KILLARNEY.			Daffodils		3.00 to 4.00
Extra fancy		\$ 5.00 to \$10.00	Jonquils		3.00 to 4.00
Good medium		6.00 to 7.00	Violets, single and double.....		.50 to 1.00
Good short		4.00 to 5.00	GREENS.		
FIREFLAME.			Asp. Plumosus	per string,	\$0.50
Extra fancy		\$ 8.00	Asp. Plumosus Sprays.....	bunch,	\$0.35 to .50
Good medium		6.00	Sprenger	per bunch,	.35 to .50
Good short		4.00	Adiantum	per 100,	1.00
CECILE BRUNNER.			Smilax, choice	per doz.,	1.50 to 2.00
Good		\$ 3.00 to \$ 4.00	Fancy Ferns	per 1,000,	3.00
ROSES, Our Selection.....		\$4.00 per 100	Galax Leaves	per 1,000,	1.00
ORCHIDS.			Boxwood, per lb., 25c.....	.50-lb. case,	8.50
Cattleyas		per doz., \$6.00	Pussy Willow	per bunch,	.35 to .50

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

CHICAGO

EASTER FLOWERING PLANTS

As well as Our Usual Collection of CROTONS, DRACAENAS, ARECAS, FERNS, Etc.,



Lady Gay Rose

HYDRANGEAS.

Hydrangea Otaksa, 6-inch, \$6, \$9, \$12, \$15 and \$18 per doz.; 7-inch and 8-inch, \$2, \$2.50, \$3, \$3.50 and \$4 each.

April delivery, 2½-inch pots, Hydrangea Otaksa, strong plants, \$8 100; \$75 1,000.

NEW FRENCH HYDRANGEAS

6 and 7-inch pots, from 3 to 15 flowers, \$9, \$12, \$15, \$18, \$24, \$30, \$36 and \$48 doz. April delivery, Assorted French Hydrangeas, 2½-inch pots, strong plants, \$6, 100; \$50, 1,000.

LILIES

Plants with from 4 to 10 flowers, 12c per bloom.

Made up pans from 15 to 25 flowers, 12c per bloom.

Plants with less than 4 flowers, 15c per bloom.

Cut Lilies, medium, \$12 100 blooms.

RHODODENDRONS

Prices, \$1.50, \$2, \$2.50, \$3, \$3.50 and \$4 ea. Very large plants, \$5, \$6 and \$7.50 each. Pink Pearl, \$2, \$2.50 and \$3 each.

ROSES

Half Standard Baby Ramblers Orleans, President Taft, Phyllis, etc., exceptionally fine plants, 3-foot stems. Prices, \$1.25, \$1.50 and \$2 each.

Phyllis Pink Baby Rambler

5 and 6-inch pots, \$6 and \$9 doz.

Orleans (New)

5 and 6-inch pots, \$6 and \$9 doz.

7-inch pots, very heavy, made up, \$12 and \$15 doz.

Ellen Poulsen

5½ and 6-inch pots, \$6 and \$9 doz.

7-inch pots, \$12 and \$15 doz.

Erna Teschendorff

5½ and 6-inch pots, \$6 and \$9 doz.

PINK RAMBLER ROSES

Lady Gay, Dorothy Perkins

In grand condition, trained into fan, globular and pyramidal shapes, \$1.25, \$1.50, \$2, \$2.50, \$3, \$3.50 and \$4 each.

Special balls shapes, wire frames, \$2.50, \$3, \$4 and \$5 each.

Baskets, \$7.50 and \$10 each.

Tausendschoen—Thousand Beauties

Strong plants, 6-inch and 7-inch pots, \$1, \$1.25 and \$1.50 each.

Trained plants, fans, globular and pyramidal shapes, \$2, \$2.50, \$3, \$3.50, \$4, \$5, \$6, \$7.50 and \$10 each.

Baskets, \$7.50 and \$10 each.

HYBRID ROSES—Magna Charta

Very fine, 6 to 18 flowers, \$9, \$12, \$15, \$18 and \$24 doz.

UMBRELLA ROSES

\$3.50, \$4 and \$5 each.

JUNIATA—New Climbing Rose

Specimen plants, 6 and 7-inch pots, \$12, \$15, \$18, \$24 and \$30 doz.

Specimen plants, \$3, \$3.50, \$4, \$5, \$6, \$7.50 and \$10 each.

Baskets, \$7.50 and \$10 each.

Round globes on wire frames, perfect plants, and Pyramids, \$3.50, \$4, \$5, \$6 and \$7.50 each.

EXCELSA—New Climbing Rose

6-inch, 7-inch and 8-inch pots at \$1.25, \$1.50, \$2, \$2.50, \$3.50, \$4, \$5, \$6, \$7.50 and \$10 each.

Baskets of Excelsa at \$7.50 and \$10 each.

SPIRAEA QUEEN ALEXANDRA

6 and 7-inch pots, very heavy, 75c, \$1 ea.

SPIRAEA GLADSTONE

6-inch pots, very heavy, \$6 doz.; \$45 100.
7-inch pots, very heavy, \$9 doz.
8-inch tubs, very heavy, made up, \$12 doz.
10 and 11-inch tubs, very heavy, made up, \$18 and \$24 doz.

GENISTAS

4 and 4½-inch pots, \$3 and \$4 doz.
5½ and 6-inch pots, \$6 and \$9 doz.
7-inch pots, \$12 and \$15 doz.
Large plants, \$1.50, \$2, \$2.50 and \$3.

MARGUERITES

6-inch pots, \$4 and \$6 per doz.

AZALEAS

Can give a large proportion of Vander Cruysen if desired.

6 and 7-inch pots, 75c, \$1, \$1.25, \$1.50 and \$2 each.

Specimens at \$2.50, \$3, \$3.50, \$4, \$5, \$6 and \$7.50 each.

DRACAENAS

DRACAENA MASSAGEANA

4-inch pots, \$7.50 doz.; \$50 100.
6-inch pots, \$15 and \$18 doz.

DRACAENA LORD WOLSELEY

2-inch pots, \$12 per 100.
3-inch pots, \$25 per 100.
4-inch pots, \$35 per 100.
5-inch pots, \$9 per doz.
6-inch pots, \$12 per doz.
6-inch pots, very heavy, \$15 per doz.

DRACAENA STRICTA GRANDIS

2¼-inch pots, \$20 per 100.
3-inch pots, \$35 per 100.
4-inch pots, \$50 per 100.
5 and 6-inch pots, \$9, \$12, \$15, \$18 and \$24 doz.

DRACAENA AMABILIS

2¼-inch pots, \$20 per 100.
3-inch pots, \$35 100.
4-inch pots, \$50 100.
5-inch pots, \$9 and \$12 doz.
6-inch pots, \$15, \$18 and \$24 doz.

DRACAENA CRAIGII

Small plants, 4-inch pots, \$1 each.
6-inch pots, \$12, \$15 and \$18 doz.

DRACAENA TERMINALIS

2¼-inch pots, \$10 100.
3-inch pots, strong plants, \$25 100.
4-inch pots, strong plants, \$35 100.
5-inch pots, \$9 doz.
6-inch pots, \$12 doz.
6-inch pots, very heavy, \$15 doz.

DRACAENA BAPTISTII

6-inch pots, \$1, \$1.25 and \$1.50 each.
2¼-inch pots, \$20 per 100.

DRACAENA GODSEFFIANA

2¼-inch pots, \$10 per 100.
3-inch pots, \$15 and \$20 per 100.
4-inch pots, \$25 per 100.

DRACAENA SANDERIANA

2¼-inch pots, \$15 per 100.

DRACAENA KELLERIANA

2¼-inch pots, \$12 per 100.
3-inch pots, \$20 per 100.
4-inch pots, \$35 per 100.
7-inch, made up, \$18 and \$24 doz.

DRACAENA FRAGRANS

4-inch pots, \$35 per 100.
6-inch pots, \$6 and \$9 per doz.

DRACAENA GUILFOYLEII (Rare)

2¼-inch pots, \$20 per 100.
4-inch pots, \$6 per doz.
5-inch pots, \$9 per doz.
6-inch pots, \$12 per doz.

DRACAENA TITWORTHII (Rare)

2¼-inch pots, \$20 per 100.
4-inch pots, \$6 per doz.
5-inch pots, \$9 per doz.
6-inch pots, \$12, \$15 and \$18 per doz.

DRACAENA ANERLEIENSIS (Rare)

2¼-inch pots, \$25 per 100.
4-inch pots, \$50 per 100.
5-inch pots, \$9 per doz.
6-inch pots, \$12 per doz.

DRACAENA IMPERIALIS (Rare)

2¼-inch pots, \$20 per 100.
4-inch pots, \$50 per 100.
5-inch pots, \$9 per doz.
6-inch pots, \$12 per doz.
6-inch pots, very heavy, \$15 per doz.

ROBERT CRAIG COMPANY, 4900 Market Street,

of Craig Quality



Croton Norwood Beauty.

CROTONS

2½-inch pots, strong, \$20 100; \$175 1,000.
4-inch pots, strong, \$30 100; \$275 1,000.
5-inch pots, strong, \$50, \$75 and \$100 100.
6-inch pots, strong, \$12, \$15, \$18 and \$24 doz.
7-inch pots, strong, \$24, \$30 and \$36 doz.
8-inch pots, made up beautiful plants, \$24, \$30 and \$36 doz.
10-inch pots, made up beautiful plants, \$5, \$6 and \$7.50 each.
12 and 14-inch tubs, made up beautiful plants, \$10, \$15 and \$20 each.

CROTON NORWOOD BEAUTY

4-inch pots, heavy, \$35 100.
5-inch pots, heavy, \$12 doz.
6-inch pots, heavy, \$18 doz.

CROTON PUNCTATA

2½-inch pots, \$8 100; \$75 1,000.
3-inch pots, \$20 100; \$150 1,000.
4-inch pots, \$25 100; \$225 1,000.

CROTON CHANTRIERII MAJOR

4-inch pots, \$35 per doz.
5 and 5½-inch pots, 75c, \$1, \$1.25 and \$1.50 each.

CROTONS (Narrow Leaf Type)

Delicatissima, Golden Thread, Florence
2½-inch pots, heavy, \$25 100.

4-inch pots, heavy, \$35 100.
5-inch pots, heavy, 75c and \$1 each.
6-inch pots, heavy, \$15 and \$18 per doz.

150,000 NEPHROLEPIS (in Variety)

NEPHROLEPIS SCHOLZELI

2½-inch pots, \$6 100; \$50 1,000.
4-inch pots, heavy, \$20 100; \$180 1,000.
6-inch pots, heavy, \$6 doz.; \$45 100.
8-inch, three-quarter pots, \$12 doz.; \$90 100.
11-inch tubs, \$24 and \$30 doz.

NEPHROLEPIS ELEGANTISSIMA

IMPROVED

2½-inch pots, \$6 100; \$50 1,000.
4-inch pots, \$20 100.
6-inch pots, \$6 and \$9 doz.
8-inch pots, \$12 and \$15 doz.
Larger plants, \$2, \$2.50, \$3 and \$3.50 each.

NEPHROLEPIS TODEAOIDES

2½-inch pots, \$5 100; \$45 1,000.
4-inch pots, \$20 100; \$180 1,000.
6-inch pots, \$6 and \$9 doz.
8-inch pots, \$12 doz.
9 and 10-inch tubs, \$24, \$30 and \$36 doz.

NEPHROLEPIS SMITHII

2½-inch pots, \$8 100; \$75 1,000.
4-inch pots, \$25 100.

NEPHROLEPIS BOSTONIENSIS

Wm. K. Harris

2½-inch pots, \$6 100; \$50 1,000.
4-inch pots, \$20 100; \$180 1,000.
6-inch pots, \$6 doz.; \$45 100.
8-inch pots, heavy, \$9 doz.; \$70 100.
10-inch pots, \$12 and \$15 doz.
11-inch tubs, \$2, \$2.50, \$3, \$4 and \$5 each.

NEPHROLEPIS ROBUSTA

2½-inch pots, strong, \$6 100; \$50 1,000.
4-inch pots, strong, \$20 100; \$180 1,000.
6-inch pots, strong, \$50 and \$75 100.
8-inch pots, strong, \$12 and \$15 doz.
11-inch tubs, \$3 and \$3.50 each.

NEPHROLEPIS SCOTTII

2½-inch pots, \$5 100; \$45 1,000.
4-inch pots, \$20 100; \$180 1,000.
6-inch pots, \$6 doz.; \$45 100.
8-inch, three-quarter pots, \$12 doz.; \$90 100.
11-inch tubs, \$2, \$2.50 and \$3 each.

NEPHROLEPIS ELEGANTISSIMA

COMPACTA

2½-inch pots, \$6 100; \$50 1,000.
4-inch pots, \$20 100.
6-inch pots, \$6 doz.
8-inch pots, \$12 doz.

TEDDY JUNIOR

A Grand New Dwarf Fern

Fine young plants from 2½-inch pots, \$3 doz.; \$7 100; \$60 1,000.
6-inch pots, \$6 doz.; \$45 100.
4-inch pots, \$20 100; \$180 1,000.
8-inch pots, \$12 doz.; \$90 100.

NEPHROLEPIS JOHN WANAMAKER

The Wanamaker Boston Fern

2½-inch pots, \$8 100; \$75 1,000.
4-inch pots, very heavy, \$25 100; \$200 1,000.
6-inch pots, very heavy, \$6 doz.; \$45 100.
8-inch pots, extra heavy, \$9 doz.; \$70 100.
11-inch tubs, \$12 and \$15 doz.
11-inch tubs, \$2.50 and \$3 each.

NEPH. TEDDY, JR., SPORT

2½-inch pots, \$8 100; \$75 1,000.
4-inch pots, \$25 100; \$200 1,000.

NEPH. BOSTONIENSIS DWARF

2½-inch pots, \$8 100; \$75 1,000.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, \$4 100; \$35 1,000.
3-inch pots, \$7 100; \$65 1,000.
4-inch pots, \$12 100; \$110 1,000.

ADIANTUM HYBRIDUM

2½-inch pots, \$6 100; \$50 1,000.
3-inch pots, \$10 100; \$90 1,000.
4-inch pots, \$20 100.
8-inch pots, \$12 doz.
11-inch tubs, \$24 doz.

ENGLISH IVIES.

4-inch pots, \$15 per 100.

OTAHEITE ORANGES

2½-inch pots, \$3 100; \$75 1,000.



Nephrolepis John Wanamaker

DRACAENA MARGUERITE STOREY

2½-inch pots, \$20 per 100.

DRACAENA KNERKII

2½-inch pots, \$20 per 100.

DRACAENA SUPERBA

2½-inch pots, \$20 per 100.

PHOENIX ROEBELENI

8-inch, 10-inch and 12-inch tubs, specimen plants, \$4, \$5, \$6, \$10 and \$12.50 each.

FICUS PANDURATA

6-inch pots, 2½ feet tall, \$2 each.
7-inch pots, 3 feet tall, \$2.50 each.
8-inch pots, 4 feet tall, \$3 each.
10-inch and 11-inch tubs, 5 feet tall, \$4 and \$5 each.
Branch plants, exceptionally fine, \$2.50, \$3, \$3.50 and \$4 each.

PANDANUS VEITCHII

4-inch pots, \$6 doz; \$45 100.
5-inch pots, \$9 doz.
6-inch pots, \$12 doz.
7-inch pots, \$18 and \$24 doz.
8-inch pots, \$24, \$30 and \$36 doz.
11-inch pots, \$5, \$6 and \$7.50 each.

GARDENIA VEITCHII

2½-inch pots, heavy, \$7 100; \$60 1,000.
4-inch pots, heavy, \$20 100; \$180 1,000.
6-inch pots, heavy, in bud and flower, \$9 doz.
6-inch pots, heavy, in bud, will flower for Easter, \$12, \$15 and \$18 doz.

FICUS UTILIS

6-inch pots, 24 to 30 in. tall, \$2 each.
Larger plants, \$3, \$4 and \$5 each.

FICUS CRAIGII

4-inch pots, 15 in. tall, \$35 per 100.
6-inch pots, 18 to 24 in. tall, \$6 and \$9 per doz.

ARECA LUTESCENS

4-inch pots, \$25 per 100.
6-inch pots, heavy, 24 to 26 inches tall, \$12 per doz.; \$90 per 100.
6-inch pots, heavy, 28 to 30 inches tall, \$15 per doz.; \$110 per 100.
7-inch pots, very heavy, 36 inches tall, \$2.50 and \$3 each.
8-inch pots, very heavy, 38 to 45 inches tall, \$3.50 and \$4 each.

YELLOW DAISIES

6-inch pots, very heavy, \$9 and \$12 doz.

DAISY MRS. SANDER

6-inch pots, \$6 per doz.

(Branch, Norwood, Pa.)

PHILADELPHIA, PA.

Large Crops Fine

ROSES FOR EASTER

**Killarney-White Killarney-Richmond
Ophelia-Ward**

SNAPDRAGONS

The prettiest and finest long stemmed stock to be had. All colors. Just what you need for finishing off your Easter baskets. Write for prices today.

Hoerber Bros.

Wholesale Growers of Cut Flowers

162 N. Wabash Ave.,

Long Distance Phones **Randolph 2758
Automatic 41-770**

Chicago

EASTER LILIES

We Advise Booking Easter Orders Early

One of our best growers makes a specialty of forcing Lilies for Easter and has year after year produced the best Lilies offered in this market. This season the stock is looking even better than usual and for Easter we shall have a big supply

FINE CUT BLOOMS

At \$8.00—\$10.00—\$12.50—\$15.00 per 100

We Also Offer

a choice and complete stock of all seasonable Cut Flowers and Greens. Give us your order at an early date and we will charge you for same at the prevailing market prices on day of shipment.

American Beauties

\$2.00 to \$6.00 per dozen.

Roses--All varieties

\$4.00 to \$8.00 per 100.

Carnations--Best varieties

\$3.00 to \$5.00 per 100.

Sweet Peas

75c to \$1.50 per 100.

Daisies

\$1.00 to \$2.00 per 100.

Valley

\$4.00 to \$5.00 per 100

Violets--Single and double

50c to \$1.00 per 100

Callas

\$1.50 to \$2.00 per dozen.

Gardenias

\$3.00 to \$4.00 per dozen.

Tulips-Jonquils-Daffodils

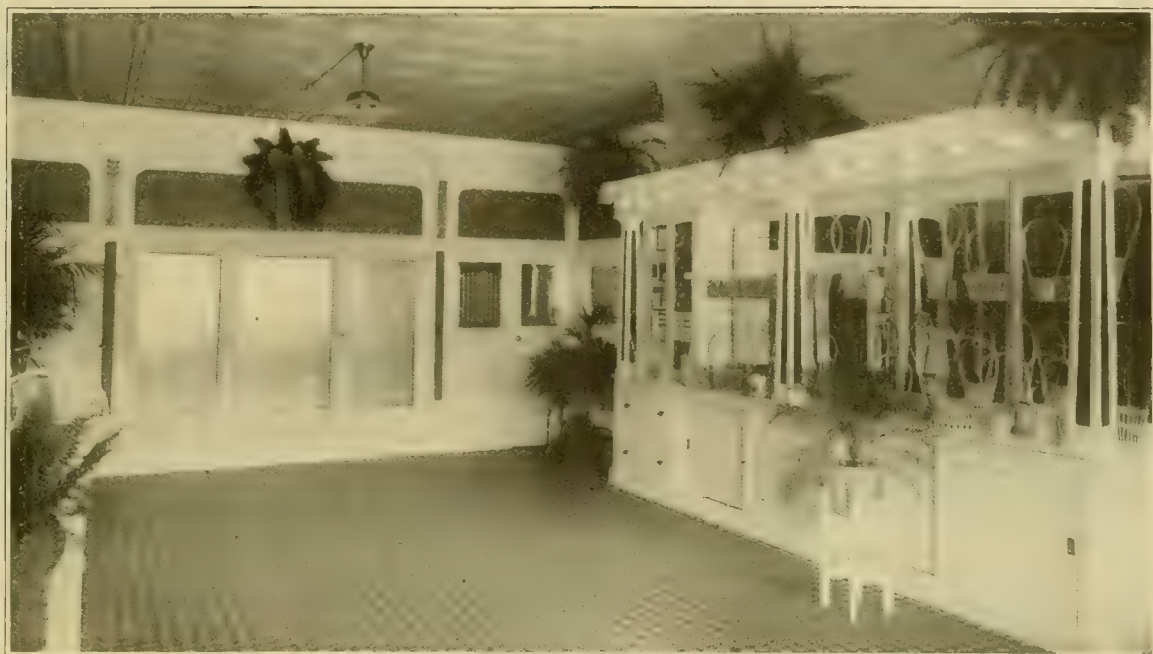
\$3.00 to \$4.00 per 100.

JOHN KRUCHTEN CO.

162 N. Wabash Ave.,

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CHICAGO



THE ROSERY FLOWER SHOP : CHICAGO, ILL.

IN ALMOST EVERY STATE in the Union is to be found a flower shop completely equipped **THE BUCHBINDER WAY**. Each of these shops represents the highest that has been attained in the artistic treatment of interior decoration and pleasing harmony for the modern flower store that detracts nothing from the flowers on display.

We have made the building of florists' refrigerators and interior fixtures our specialty and have spared neither time nor expense in studying the most effective treatment for flower shop interiors.

All this we place at the disposal of the readers of *The American Florist*, and gladly offer our valuable services, absolutely free of charge, to assist any florist in planning his store. Our drafting department will furnish elaborate drawings for your inspection and approval. We will give an estimate as to the complete cost and, in fact, do anything within our power either to work out your own ideas or to please you with ours. All this is absolutely free, Mr. Florist, and is offered to you with our compliments.

We build all our fixtures and refrigerators in our own factory and build them right. Our refrigerators are equipped for either natural or artificial cooling, and we also sell refrigerating machinery.

❑ Can we help you? A postal from you will receive prompt attention. Send for our catalogue.

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MANUFACTURERS

518 MILWAUKEE AVE.,

CHICAGO, ILLINOIS

EASTER CUT FLOWERS-PL

CUT FLOWER DEPARTMENT

Headquarters for finest quality

EASTER LILIES

Orchids, Valley, Carnations, Sweet Peas, Tulips,
Jonquils, Iris and Snapdragons.

ROSES

American Beauties, Mrs. Chas. Russell, Ophelia,
Sunburst, Hoosier Beauty and Aaron Ward.

EASTER PRICE LIST—Prices Subject to Change
Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100... ..	\$4.00, \$6.00 to 8.00

Hoosier Beauty	
Richmond	Per 100
Hadley	Special .....\$12.00
Ophelia	Long 10.00
Sunburst	Medium \$6 to 8.00
Milady	Short 4.00
Killarney Brilliant	

Bulgaria	Per 100
Aaron Ward	Special .....\$10.00
Killarney	Long 8.00
White Killarney	Medium 6.00
	Short \$3.00 to 4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$5.00
36-in.	4.00
30-in.	3.00
24-in.	2.00
18 to 20-in.	1.50
Short	per 100, \$6.00 to 8.00

MINIATURE ROSES

	Per 100
Cecile Brunner	\$3.00
Geo. Elgar	3.00
Fire Flame	4.00

CARNATIONS

	Per 100
Best Fancy, all colors,...	\$5.00 to \$6.00
Splits, Red and Dark Pink.	3.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES

	Per 100
Long	\$15.00
Medium	12.00
Short	10.00

ORCHIDS

	Market Price.	Per Doz.
Cattleyas		\$6.00

MISCELLANEOUS

	Per 100
Violets, double or single....	\$0.75 to \$1.00
Jonquils and Daffodils....	3.00 to 4.00
Tulips	4.00
Sweet Peas, Common	\$0.75
" " Spencer.....	\$1.00 to 1.50
" " Orchid flower- ing.....	1.50 to 2.00
Snapdragon, long.....	1.50 to 2.00
" " medium.....	.75 to 1.00
Mignonette, fancy.....	8.00
" " medium.....	4.00 to 6.00
Daisies	1.00 to 2.00
Smilax	doz., 3.00
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000 \$1.50
" " " "	100, .20
Leucothoe	100, .75
Mexican Ivy.....	1000, \$6.00; 100, .75
Ferns	1000, 3.00; 100, .35
Boxwood	bunch, 25c; case, 8.00
Wild Smilax	per case, 5.00

72-74 E. Randolph St.,

POEHLMAN

L. D. PHONE

ANTS-BASKETS-SUPPLIES

SUPPLY DEPARTMENT

Everything you need for Easter, so place your order here.

Limited Supply EASTER BASKETS

French Style

46 inches high, - - \$2.00 each

36 inches high, - - 1.50 each



No. 124-1.

Cut Flower Basket

Bamboo, Natural.

5 in. wide, 8½ in. deep, 23 in. high.

With liner . . . each, 25c

No. 218-1-2.

Open Willow, Liner Included.

1-3x3 . . . each, 25c

2-4x4 . . . each, 35c



No. 218-1-2.



For Easter Decorations

Iridescent Ruscus, Birch Bark,
Cedar Bark and Cork Bark.

ORDER NOW

We can supply Mats, Crepe Paper,
Tape, Chiffons, Tying Ribbons, Green
Bamboo Stakes, Match Sticks, Etc.

Special Bull Dog Clips

Per 1000, 65 cents.



The only article for use in securing paper on plants
quickly. Try them and see.

N BROS. CO.

CHICAGO, ILLINOIS

RANDOLPH 35.



LILY.

AZALEAS

Mme. Vander Cruyssen, Schryveriana, Prof. Walters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak. All colors in bloom, 75c to \$2.50 each; specimens, \$3.00 to \$7.50 each.

SPIREAS

Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1.00 each.

HYDRANGEAS

Mostly French varieties, 75c, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 each.



SPIREA.

EASTER PLANTS

LILIES

Order What You Need From Us For Our Supply
Was Never So Large Or As Fine As It Is This Year

LILIES

Fine Strong Heavy Flowers. First-Class Medium Length Stock, 14 to 18 Inches High.

1500 plants in lots not less than 1000, \$100 per 1000 buds and blooms 250 plants in lots not less than 100, \$115 per 1000 buds and blooms

500 plants in lots not less than 300, 110 per 1000 buds and blooms 100 plants in lots not less than 25, 120 per 1000 buds and blooms

Short Lily Plants, 8 to 10 inches high, 4 blooms, 40c; 5 blooms, 50c; 6 blooms, 58c; 7 blooms, 65c.

Lilies in Pans, made up, with 12 or more blooms, 12 cents per bloom or bud.



RAMBLER ROSE.

POT ROSES

Polyantha or Baby types.

Erna Teschendorff, Phyllis, Baby Ramblers, Mad. Jules Gauchault, Jessie, 40c, 50c and 75c each.

CLIMBERS

Tausendschon, Hiawatha, Dorothy Perkins, Lady Gay, \$1.00, \$1.50, \$2.00, \$2.50 \$3.00, \$3.50 and \$5.00 each.

AMERICAN BEAUTIES

In 5½ and 6-inch pots, 35c and 50c each.

RHODODENDRONS

Best varieties, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each.

HYACINTHS

In all colors, 4-inch at 10c each.

HYACINTH BULBS

In Pans, 30c, 40c, 50c and 60c each.

TULIPS

In Pans, 25c, 35c and 50c each.

DOUBLE DAFFODILS

VON SION—25c, 35c and 50c each.

BEGONIA CHATELAINE

2½-inch pots, \$3.50 per 100.

3-inch pots, 8.00 per 100.

CYCLAMEN

4-inch, \$2.50 per dozen.

PANDANUS VEITCHII

3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each.

TABLE FERNS

3-inch, \$5.00 per 100.

CHRYSANTHEMUMS

PINK—Rooted Cuttings 2½-in. plants

	100	1000	100	1000
McNiece.....	\$2.50	\$22.00	\$2.75	\$27.00
Enguehard.....	2.50	22.00	2.75	27.00
Maud Dean.....	2.50	22.00	2.75	27.00
R. E. Loeben.....	2.50	22.00	2.75	27.00
Patty.....	2.50	22.00	2.75	27.00
Wells Late Pink.....	2.50	22.00	2.75	27.00
Chieftain.....	2.50	22.00	2.75	27.00

WHITE—

October Frost.....	\$2.50	\$19.00	\$2.75	\$25.00
Vir. Pochmann.....	2.50	18.00	2.75	25.00
Chas. Razer.....	2.50	18.00	2.75	25.00
Elise Papworth.....	2.50	18.00	2.75	25.00
W. H. Chadwick.....	2.50	18.00	2.75	25.00
Timothy Eaton.....	2.50	18.00	2.75	25.00
Lynwood Hall.....	2.50	18.00	2.75	25.00
Smith's Ideal.....	2.00	18.00	2.75	25.00
Alice Salomon.....	2.00	18.00	2.75	25.00

YELLOW—

Golden Glow.....	\$2.00	\$18.00	\$2.75	\$25.00
Chrysolora.....	2.00	18.00	2.75	25.00
Bonafant.....	2.00	18.00	2.75	25.00
Yellow Eaton.....	2.00	18.00	2.75	25.00
Yellow Salomon.....	2.00	18.00	2.75	25.00

BRONZE—

O. H. Kahn.....	2.00	18.00	2.75	25.00
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RED—

Schrimpton.....	2.00	18.00	2.75	25.00
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POMPONS

WHITE 2½-in. plants

Alva (large early).....	\$3.50	\$32.00
Kemmitt (medium double).....	3.50	32.00

YELLOW—

Krut (large early).....	3.50	32.00
Mike Gabel (large).....	3.50	32.00
Skibo (early bronze & yel. button).....	3.50	32.00
Big Baby (button).....	3.50	32.00
Madre (large).....	3.50	32.00
Klondike (large).....	3.50	32.00
Quinola (bright late yellow).....	3.50	32.00
Baby (small button).....	3.50	32.00

PINK—

Lillian Doty.....	3.50	32.00
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BRONZE—

Madam La Porte.....	3.50	32.00
Mrs. Frank Bev.....	3.50	32.00

RED—

La Gravera.....	3.50	32.00
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BOXWOOD

BUSHES

12-in. in burlap.....	35c; in tubs or pots.....	\$0.55
15-in. in burlap.....	50c; in tubs or pots.....	.75
18-in. in burlap.....	60c; in tubs or pots.....	.85
20-in. in burlap.....	75c; in tubs or pots.....	1.00

PYRAMIDS

2-feet in burlap.....	\$1.75; in tubs.....	\$2.00
2½-feet in burlap.....	2.00; in tubs.....	2.50
3-feet in burlap.....	2.50; in tubs.....	3.00
3½-feet in burlap.....	3.00; in tubs.....	3.50
4-feet in burlap.....	3.25; in tubs.....	4.50
4½-feet in burlap.....	4.00; in tubs.....	5.00

BALL OR GLOBE

12x12 in tubs.....	\$2.00; in burlap.....	\$1.50
15x15 in tubs.....	2.50; in burlap.....	1.75

GRAFTED AND OWN ROOT ROSE PLANTS

	2½-in. Grafted Root	2½-in. Own Root		2½-in. Grafted Root	2½-in. Own Root
	Per 1000	Per 1000		Per 1000	Per 1000
American Beauties, fine lot, own root, 2½, per 100	\$7.00	\$65.00	Milady	\$100.00	\$56.70
Russell	\$120.00	None	Ophelia	100.00	
Killarney	100.00	\$56.70	Richmond	100.00	56.70
White Killarney	100.00	56.70	Hoosier Beauty	105.00	
Killarney Brilliant	100.00	56.70			
Ward	100.00	56.70			

Cecile Brunner	\$100.00	\$56.70
Elgar (Special Only)	100.00	
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS			
Specimens, heavy, \$12.00, \$15.00, \$20.00.			
BELMOREANA SINGLE PLANTS			
2½ inch pots, \$1.50 per dozen; \$10.00 per 100.			
LEAVES			
4 inch pots	5-6	16-18 inch high	Each \$4.50
4 inch pots	5-8	16-18 inch high	Each \$4.40
6 inch pots	6-7	24 inch high	Each 1.00
6 inch pots	6-7	28-30 inch high	Each 1.50
6 inch pots	6-7	32-34 inch high	Each 2.00
8 inch tubs	6-7	36-38 inch high	Each 3.50
8 inch tubs	6-7	60-68 inch high	Each 6.00
8 inch tubs	6-7	62-64 inch high	Each 7.00
FORSTERIANA MADE-UP PLANTS			
Plants			Each
7 inch tubs	3	38 inch high	\$2.50
8 inch tubs	4	38 inch high	3.00
8 inch tubs	4	38-42 inch high	3.50
8 inch tubs	4	48-50 inch high	5.00
8 inch tubs	4	52-54 inch high	6.00
10 inch tubs	4	5-6 feet high	9.00
12 inch tubs	4	60-64 inch high	10.00
12 inch tubs	4	5½ feet high	12.00
12 inch tubs	4	5½-6 feet high	15.00
15 inch tubs	4	6-6½ feet high	\$18@20
Specimens, heavy, \$35.00, \$40.00.			
FORSTERIANA SINGLE PLANTS			
Leaves			Dos.
4 inch pots	5-6	18-20 inch high	\$4.50
4 inch pots	5-6	18-20 in. high.es.	.40
6 inch pots	6	28-30 in. high.es.	1.00
6 inch pots	6-7	34-36 inch high	\$1.50



KENTIA.

THE ALWAYS RELIABLE WHOLESALE FLORISTS

DOING A STRICTLY WHOLESALE BUSINESS.

**Z
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&
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FOR EASTER

Orchid-Flowering Sweet Peas

Large supply of exceptionally fine stock grown by the leading Sweet Pea Specialist in this section of the country and considered by the city buyers as the best in the market. Get in touch with us today in regard to your Easter supply.

FANCY RUSSELL ROSES

Very choice stock in all the desired grades. Superior in every way to American Beauties—Have them in quantity, so order here.

ROSES==CARNATIONS==VALLEY==GREENS

Supreme Quality Stock is what you get when you buy here, and for the same prices that you pay if you order elsewhere.

OUR LILIES ARE BETTER THAN EVER

This Easter we will be particularly strong on Extra Fancy Long Stemmed Stock and advise placing orders here Early.

OUR LINE IS SO COMPLETE THAT IT INCLUDES EVERY
ITEM OFFERED IN THE GREAT CHICAGO MARKET.

30 East Randolph Street,

L. D. Phones:
Central 3283
Automatic 3284
Automatic 42-965

Chicago

Chicago.

TRADE WAS VERY QUIET LAST WEEK.

Business the past week was very quiet, especially as far as the city trade was concerned, and while the out-of-town demand was good, it was nothing to speak of. Stock of all kinds was plentiful and sold in large lots at bargain prices. Several of the department stores bought a heavy supply of roses and sold them in dozen lots at ridiculously low figures. Roses in general are in good supply, especially Mrs. Charles Russell, which are in good demand, considering the existing market conditions. Killarney and White Killarney are also seen in large supply and the same holds good for Killarney Brilliant, Killarney Queen and Double White Killarney. Some fine Mrs. George Sawyer are obtainable but there is no great surplus in this variety when the stores close at night. Choice Hadley, Milady, Rhea Reid, Hoosier Beauty and Richmond are arriving in large numbers and there are plenty of Sunburst, Ophelia, Mrs. Aaron Ward, Lady Hillingdon, My Maryland, Mrs. Moorfield Storey, Prince de Bulgaria, Cecile Brunner, George Elgar and Fireflame to go around. American Beauty roses are arriving in larger quantities, and while there is some real good stock being offered, there are not any too many of the better grade flowers to be seen. Taken all in all, all the roses grown for the local market have been in good supply all last week, notwithstanding the fact that the market appeared to be cleaned up at times on certain kinds, but if one really wanted stock in certain varieties one could find it without much trouble. Carnations are to be had in quantity at much lower figures and very choice stock is included in the shipments, and it is particularly noticeable that the quality of the Enchantress has improved wonderfully the past week. Some especially fine Belle Washburn and Aviator are in-

cluded in the daily receipts and are in good demand and are bringing top prices. Lilies are to be had in any quantities in all the grades and some unusually well grown callas are being offered. Sweet peas were never more plentiful this season than they were last week and are now, and are to be had in large numbers at very reasonable prices. Lily of the valley and gardenias are cleaning up nicely each day at good prices. Orchids, especially cattleyas, are not seen in any great quantities, but there is a good supply of cypripediums still being offered. Snapdragons are plentiful and some unusually well grown stock fit for the exhibition table is attracting the attention of the buyers. Stocks, daisies, calendulas, forget-me-nots, violets, straw flowers, lupines, candytuft, tulips, hyacinths, mignonette, gladioli, jonquils, daffodils, pansies, freesias and anemones are to be had. The gladioli that are being offered consist principally of Mrs. Francis King, that is so far as the local indoor grown stock is concerned, and is in short supply. Some imported out-door grown gladioli are being offered but do not meet with very good sale, even though the prices are pushed down so low that it is doubtful if express charges are realized. Green goods of all kinds are in good supply and some very fine ferns are to be had if one is willing to pay the price. From present indications it appears as if cut flowers will not be any too plentiful, especially as far as carnations, roses and bulbous stock is concerned, and it is advisable for everyone to place their order well in advance so as to avoid disappointment. The Easter prices appear in this issue of THE AMERICAN FLORIST, so anyone wishing to place their orders well in advance can inspect the prices, which in nearly every instance compare favorably with each other. There appears to be a large quantity of plants for the

Free Book on Hot Springs, Ark.

Write the Department of the Interior, Washington, D. C., for information about the famous rest and pleasure resort, Hot Springs, Ark.

Wabash Railway Company

Easter trade, especially azaleas, rhododendrons, hydrangeas, lilies, roses, cyclamens, spireas, and begonias, the only scarcity so far reported being in bulbous stock, such as tulips, daffodils and hyacinths. The retail trade is making a splendid showing already for Easter and judging from the large supply of stock being sold, it appears as if there will be more cut flower and plant baskets sold this season than ever before. Large quantities of pussy willows are seen in the market and should come in handy for finishing off the many baskets that will be filled again this year.

NOTES.

Peter Papes and Peter Duris have placed an order with Buchbinder Bros. for an entire set of store fixtures, including the refrigerator, which will be installed in their new store at 132 North State street, which they have just leased for 10 years and will be known as the Central Floral Co. The store is now being remodeled to make ready for the fixtures which will consist of marble top counters, mirror background and everything else that is needed in a modern flower shop. Papes & Duris are no strangers to the market, for they have been connected with the trade in this city for some time and are also proprietors of the store known as the Central Floral Co. at Detroit, Mich. When their new store is completed they will have a modern establishment in every respect and one of the largest refrigerators in the loop.

H. VAN GELDER, Pres.

L. M. JONES, Secy

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Importers and Jobbers of
Florist SuppliesRibbons and Chiffons
Our Specialty

EASTER PRICES

EASTER LILIES.

Cut Easter Lilies.....	\$1.50 to \$2.00 per dozen
Cut Easter Lilies.....	\$10.00 to \$15.00 per 100
Cut Easter Lilies.....	\$100 per 1,000

AMERICAN BEAUTIES.

	Per Doz.
Specials	\$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.00
15-inch stems	1.50
Short stems	1.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND MY MARYLAND ROSES.

	Per 100
Select	\$12.00
Fancy	10.00
Medium	8.00
Good Short	\$4.00 to 6.00

NEW ROSES.

MRS. GEO. SHAWYER, MRS. AARON WARD, KILLARNEY BRILLIANT, SUNBURST, BULGARIA AND OPHELIA.

	Per 100
Select	\$12.00
Fancy	10.00
Medium	8.00
Good Short	6.00

CARNATIONS.

Fancy	\$5.00 to \$6.00
Firsts	4.00
Commons	3.00

ORCHIDS.

Cattleyas	per dozen \$6.00 to \$8.00
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MISCELLANEOUS.

	Per 100
Callas	per dozen, \$2.00... \$12.00 to \$15.00
Jonquils	3.00 to 4.00
Daffodils	3.00 to 4.00
Tulips	3.00 to 4.00
Spanish Iris	6.00 to 8.00
Valley	4.00 to 5.00
Violets, double .....	.75 to 1.00
Violets, single .....	.75 to 1.00
Sweet Peas .....	.75 to 1.50

DECORATIVE.

Adiantum	\$0.75 to \$1.00
Smilax	per dozen, \$1.50 to \$2.00
Sprengeri Plumosus Sprays	2.00 to 4.00
Plumosus Strings	each, 60c
Extra long Green and Bronze Leucothoe .....	.75
Extra long Green and Bronze Leucothoe	per 1,000, \$4.00 to \$6.00
Ferns	per 1,000, \$4.00
Galax	per 1,000, \$1.00; per case, \$7.50

Extra Special Stock Billed Accordingly.

YOU CANNOT

buy our quality of Flowers elsewhere at a lower price, and YOU CANNOT buy our quality of service, elsewhere, AT ANY PRICE.

Very truly yours,

PERCY JONES.

VIOLETS.

Single—Double

Exceptionally fine stock for Easter in enormous quantities at

75c to \$1.00 per 100

FERNS.

Extra Select Stock
The best that ever came from the woods. Carefully selected and just what you need for the Easter rush.

\$4.00 per 1000

Chicago's Largest Dealers in Decorative Greens.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Emil Reichling, superintendent of the Peter Reinberg greenhouses, has returned from the east where he attended the National Flower Show at Philadelphia and the Spring Show at New York. While he was east he bought a good supply of Good Cheer and Rosette carnation cuttings and Alice Stanley rose plants, which will be given bench space at the Reinberg range next season. Planting is well under way at this range and six houses of Mrs. Chas. Russell and four houses of Milady roses have already been benched. The outlook for a large crop of roses is very bright for Easter.

Mrs. Horton says that Bassett & Washburn received word from C. L. Washburn and wife this week that they are having a delightful time in California and that O. P. Bassett and wife and E. B. Washburn and family are in the best of health. They visited Bassett & Washburn's greenhouses at Hollywood and found everything in splendid condition under the able supervision of E. B. Washburn.

Ed. Enders, with Chas. A. Samuelson, has returned from a pleasant visit at the Philadelphia and New York flower shows and was particularly impressed with the exhibits of the growers, especially in the plant line. He visited several of the leading commercial establishments while he was in the east, including that of A. N. Pierson, Inc., at Cromwell, Conn.

A. L. Vaughan & Co. are offering a large quantity of unusually fine callas in addition to a complete line of all other seasonable stock, including fancy jonquils. This firm will be well fixed for Easter and will have plenty of stock to supply all their customers with and any new orders that may arrive.

Percy Jones is receiving a large quantity of carnations and Manager Van Gelder expects to have a large supply in all the leading varieties for Easter. Lilies are seen in large num-

bers at this house and some of the finest ferns ever offered are obtainable here and are bringing top prices.

D. J. Hoskins, of the Hoskins Floral Co., Elmhurst, is a frequent visitor in the wholesale market. Mike Callahan, formerly with Poehlmann Bros. Co., and later with the Stuppy Floral Co., at St. Joseph, Mo., is foreman of his greenhouses, which are devoted principally to roses.

Wm. E. Tricker, former superintendent of Vaughan's Greenhouses at Western Springs, will leave about April 10 for St. Paul, Minn., where he will take charge of Holm & Olson's greenhouse department. While here Mr. Tricker made a host of friends who wish him every success in his new location.

J. A. Budlong will have a large supply of lilies for Easter, both cut flowers and pot plants, and are booking a large number of orders for same. Manager Schupp says that lily of the valley will be plentiful with them but looks for a cleanup in roses and carnations before the rush is over.

The E. F. Winterson Co. is using the large store at 57 East Lake street for storage purposes again this year. Edgar Winterson, Jr., says that trade at Winterson's Seed Store is keeping the entire force busy and that all their boxwood trees have been received.

The board of directors of the Chicago Flower Growers' Association will hold a meeting at their store on North Wabash avenue next Tuesday, April 11. This house is receiving a fine lot of roses now, including a fancy grade of Cecile Brunner and Fireflame.

A. I. Simmons, 242 West Sixty-third street, attended a special performance of "Experience", now playing at the Garrick, which was given in the chapel of the Joliet penitentiary, Monday, April 3, and proved to be quite a treat for the prisoners.

Frederick Pfaff, of Anadarko, Okla., has accepted a position with the wholesale firm of Hibbard, Spencer, Bartlett

Easter Price List

ROSES Per 100

Mrs. Chas. Russell.....	\$8.00 to \$15.00
Ophelia	Special.10.00 - 12.00
Sunburst.....	Long..... 8.00
Killarney.....	Medium.5.00 to 6.00
W. Killarney...	Short..... 4.00
Kill. Brilliant..	

CARNATIONS

De Luxe, select.....	\$5.00 to 6.00
Good.....	4.00

Miscellaneous

Lilies.....	\$10.00 to \$12.50 per 100
Jonquils.....	2.00 to 3.00 per 100
Daffodils.....	3.00 to 4.00 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.75 to	1.00 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Tulips.....	3.00 to 4.00 per 100
Ferns.....	3.00 per 1000
Asparagus.....bunch,	35c to 50c each
Sprenger .....bunch,	25c to 35c each
Galax.....	\$1.00 1000
Mexican Ivy.....	75c per 100
Boxwood.....large bunch,	25c each

Subject to Market Changes.

& Co., of this city. He was formerly proprietor of the flower store at Anadarko, now conducted by his sister Mary.

L. Stapp, of Rock Island, was a visitor at Kyle & Foerster's store this week. He says that his new range of three Moninger houses is well under way and that two of them will be devoted to roses and one to carnations.

A. E. Hunt & Co., who market their stock at D. E. Freres' wholesale store, have had an unusually good call for all the anemonies that they are cutting and are finding it difficult to supply the demand.

Pyfer & Olsem have a nice supply of hyacinths and spireas to offer for Easter and are making preparations to handle a large trade at their ever-growing retail establishment in Wilmette.

John Enders, who was seriously ill with pneumonia for the past month, is up and around again and expects to be back on the job at Poehlmann Bros. Co.'s store in about another week.

Hoerber Bros. are starting to cut a good supply of Mrs. Francis King gladioli and are still offering a large quantity of unusually well grown snapdragons.

F. Eggleston is installing a Buchbinder refrigerator in the new store that he is opening on Fifty-first street, opposite the Hyde Park hotel.

Weiland & Risch cut their first indoor gladioli Friday, March 31, and are offering a limited supply of choice stock in several varieties.

Sam Pearce says the circulator attachment to his heating apparatus has been very satisfactory the past winter, saving considerable fuel.

C. A. Mathes has been engaged as superintendent of the grounds and gardens of Gustav Pabst at Oconomowoc, Wis.

Ed. Mallison has resigned his position with Chas. A. Samuelson to enter the employ of the Fleischman Floral Co.

Tremendous Crop of
ROSES
FOR EASTER

**Exceptionally Fine Richmond, White and
 Pink Killarney, Sunburst and Ophelia.**

BEAUTIES

Large supply of magnificent stock in all lengths
 at prices ranging from \$1.00 to \$5.00 per dozen.

**We Have All the
 Standard and
 Best New**

CARNATIONS

**And Can Supply
 the Best Grade
 in Quantity**

We swept the deck in practically all the entries that we made in Carnations at the Chicago Show last November, and can supply you with the best stock obtainable for Easter at the most reasonable prices. We will have plenty of fine Red, White and Pink so place your orders with us.

Easter Price List--

Subject to Change
 Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$10.00
Selects	8.00
Fancy	6.00
Good	5.00

ROSES, OUR SELECTION 4.00

CARNATIONS.

	Per 100
Extra Special Red	\$5.00
Enchantress, Pink and White	5.00
Good	4.00

LILIES.

	Per 100
Fancy	\$12.50 to \$15.00

Miscellaneous.

Ferns, per 1,000	\$3.00
Smilax, per doz	2.50
Adiantum	1.00
Sprenger, per bunch50
Asparagus Sprays, bunch ..	.50

Other Green Goods Market Rates.

**Our Range of Greenhouses is One of the Three Largest
 in America and will be in Full Crop for Easter.**

WIETOR BROS.

162 N. Wabash Ave.,

**L. D. Phone
 Randolph 2081**

CHICAGO

LILIES--ROSES

FOR EASTER

CARNATIONS-VIOLETS-VALLEY

SWEET PEAS, ORCHIDS, CALLAS, GREENS, ETC.

Strictly fresh stock in everything that you need in Cut Flowers and Greens for Easter. We are going to have a bigger and better supply than ever this year, and will be pleased to have you favor us with your order. Order what you want, no matter what it is or how much you want, and we will serve you to the best of our ability and your satisfaction.

EASTER PRICE LIST.

BEAUTIES.	
	Per Doz.
Long stems	\$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	\$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50
ROSES.	
	Per 100
Killarney, special	\$10.00
" fancy	8.00
" good	\$4.00 to 6.00
White Killarney, special	10.00
" fancy	8.00
" good	4.00 to 6.00
Richmond, special	10.00
" fancy	8.00
" good	4.00 to 6.00
Ward, special	10.00
" fancy	8.00
" good	4.00 to 6.00

		Per 100
Sunburst, special		10.00
" fancy		8.00
" good	4.00 to	6.00
Maryland, special		10.00
" fancy		8.00
" good	4.00 to	6.00
Killarney Brilliant, special		10.00
" fancy		8.00
" good	4.00 to	6.00
Roses, our selection		4.00
ORCHIDS.		
Cattleyas	per doz.,	\$6.00
CARNATIONS.		
Carnations	\$3.00 to \$	4.00
" special fancy		5.00
" splits		2.00
EASTER LILIES.		
Select	\$12.50 to \$15.00	
Shorter		10.00

MISCELLANEOUS.	
	Per 100
Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double .....	.50 to 1.00

GREENS.

Asp. Plumosus	per string.	\$0.50
Asp. Plumosus Sprays, bunch.		\$0.35 to .50
Sprengeri	per bunch.	.35 to .50
Adiantum	per 100.	1.00
Smilax, choice	per doz.	1.50 to 2.00
Fancy Ferns	per 1,000.	3.00
Galax Leaves	per 1,000.	1.00
Pussy Willow	per bunch.	.35 to .50
Boxwood, lb., 25c; 50-lb. case.		8.50
Leucothoe	per 100.	.75 to 1.00

ERNE & KLINGEL

WHOLESALE FLORISTS

30 E. Randolph St.,

L. D. Phone Randolph 6578

CHICAGO, ILL.

L. A. Tonner is still agent for the Jackson Pecan Groves Co., and is making her headquarters at O. A. & L. A. Tonner's wholesale cut flower and supply house at 30 East Randolph street. She has sold a number of the Jackson groves, which are located in the heart of the pecan district in southwest Georgia, to local florists, who are more than pleased with their investment. The groves are reasonable in price and are sold on easy terms and will receive agricultural and horticultural care for the term of contract. Miss Tonner will be pleased to send descriptive literature to anyone interested upon request and her reputation for square dealing is sufficient guarantee that her proposition will bear investigation.

H. N. Bruns has just purchased a new seven-passenger Packard touring car and is having a delightful time with it during his spare moments. Miss Whittingham, who keeps the Bruns books, was called to Toronto, Canada, last week by the serious illness of her mother and is greatly missed at the store. Mrs. Bruns had charge of the apron booth at the Kirmess now being held at the Coliseum, last Sunday, April 2, and cleared \$181, the proceeds of which will be devoted to the German Red Cross Society.

French & Salm, Union Grove, Wis., captured first prize at the National Flower Show at Philadelphia last week with their 100 Mrs. Chas. Russell roses, which attracted much favorable attention. They are exhibiting at the New York spring show this week and expect to make a good showing there also. Dick Salm says that he does not expect Mr. French home until some time next week.

Fred Dietsch says that the A. Dietsch Co. has delivered all the ma-

terial for the new Budlong range to be erected at Niles Centre and work on the erection of same will be well under way soon. The new houses will be planted to roses and it is understood that the variety Mrs. William Randolph Hearst will be given considerable bench space.

The George Wittbold Co. has a nice supply of hyacinths for Easter and reports a brisk demand for same. The retail department, under the able management of Fred Nelson, is very busy with funeral work and the force is kept on the jump to get all the orders out on time. This firm has just added two new Ford delivery cars to its city delivery service.

Wietor Bros. are in good crop with American Beauty roses and are offering fine stock in the longer stemmed grades. Carnations are seen in large supply here this week and the shipments consist of all the standard and newer varieties. Rosette, Philadelphia and Matchless are doing wonderfully well with them and are always in good demand.

Chas. Erne is back on the job at Erne & Klingel's store and is feeling in the best of health and ready to give the boys a lift during the Easter rush. This firm is handling a fine line of stock and will have plenty to supply their customers with for the big flower day.

Zech & Mann are offering a good supply of fancy lilies and a visit to their growers this week finds that they will have a large supply for their Easter trade. Sweet peas are seen in large supply here and are moving splendidly, considering the general market conditions.

Joe Marks, who represented the A. A. Arnold Paper Box Co. at the Phila-

delphia and New York flower shows, is still in the east, but is expected back home soon. C. B. Arnold says that trade is very good and the demand is especially good for Easter.

A. T. Pyfer & Co. are showing a fancy grade of roses and carnations and expect to have a good supply for Easter. The shipping trade has been very good right along and the city trade is showing considerable improvement this week.

The McNeff-Swenson Co. is offering a nice set of posterettes to all the members of the Florists' Telegraph Delivery Association, many of whom have already ordered a liberal supply and are more than pleased with them.

The Raedlein Basket Co. never had such a heavy demand for baskets and the indications are that there will be more used for Easter this year than ever before, especially as far as the plant line is concerned.

Frank Oechslein bought what are known as the Lynch greenhouses at West Twenty-second street and Harlem avenue this week and will use them for growing young stock, principally ferns.

The John Kruchten Co. will be on deck as usual this Easter with a large supply of lilies in all the grades and are now booking orders for same.

The Garland Manufacturing Co. has taken in new capital, further particulars of which will be announced later.

Fred Dubois, formerly with the Bohnannon Floral Co., is now with H. C. Rowe, 67 East Monroe street.

Sinner Bros. are cutting from a nice crop of candytuft and will have a good supply to offer for Easter.

The Chicago Florists' Club will meet at the Morrison hotel Thursday, April 6, at 8 p. m.



HEAVY SUPPLY

FOR EASTER

**PLACE
YOUR
EASTER
ORDER
NOW!**

We have an elegant lot of Lilies to offer this coming Easter, fine flowers carried on good stiff stems of A1 quality.

**PLACE
YOUR
EASTER
ORDER
NOW!**

Potted Plants or Cut Blooms	Per Dozen,	\$ 1.50 to \$ 2.00
	Per Hundred,	10.00 to 15.00
	Per Thousand,	80.00 to 125.00

We receive our supplies of Easter Lilies from the best lily growers in and around Chicago; hence you can depend upon receiving the best. In order to avoid breakage of Potted Lilies incidental to the rush and rough handling of Express companies at the eleventh hour, shipment of potted lilies should leave us not later than Wednesday, April 19th; in other words, we will make no shipments of Lily plants after April 19th.

Besides Lilies we shall have a big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Violets, Callas, Jonquils, Daffodils, Tulips, Galax, Asparagus, Sprengeri, Adiantum, as well as other Seasonable Stock and Greens.

Also a large supply of our famous **Blue Ribbon Valley**, which is recognized by city buyers to be the best Valley on the Chicago market. Order some and be convinced.

During the period of scarcity we were filling orders complete when other houses were wiring their customers "Impossible to fill." Today finds us better than ever able to give you good values for your money. Try us and convince yourself.

**You can increase your profits and business
by sending all your orders direct to**

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

View in One of the Jackson Pecan Groves in Georgia. A FEW OF THE CHICAGO INVESTORS.

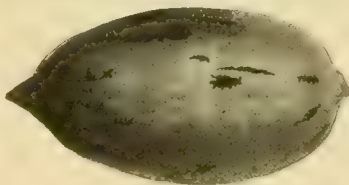


BUDDED PAPER SHELL PECAN ORCHARDS, FOR SALE, EASY TERMS. Why Not Let Your Money Work For You?

The Jackson Groves are located in the heart of the Pecan district in Southwest Georgia. Youngest groves are two years from the transplant. Each tract receives **FREE** Agricultural and Horticultural care for the term of contract. The purchaser of one of these well cared for groves will in a few years receive an annual increasing income.

Send for the literature.

Try a sample lb. of the NUTS, sent by Parcel Post, 60c; 3 lbs. for \$1.50.

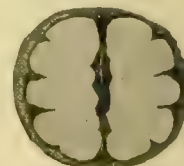


L. A. TONNER, Agent

JACKSON PECAN GROVES CO.

30 E. Randolph St.

CHICAGO



Poehlmann Bros. Co. is making a nice showing of plants for Easter at their store for those unable to visit the greenhouses at Morton Grove and can make their selection from the samples on display. The demand for Easter plants is exceedingly heavy and the shipping trade will be on in earnest in a few days. The supply of cut flowers will be as large as ever for the big day and the supply department never had a finer line to offer than now. August Poehlmann and son, Earl and Adolph Poehlmann and daughter, Vera, have just returned from Philadelphia and New York, where they attended both of the big flower shows.

The Lincoln Park bond issue of \$1,000,000 was approved by the voters at the April 4 election. The funds derived from the new issue are to be used in the improvement of 75 additional acres at the north end of the park. This land is a link in the general plan to extend the park from its present boundary to the city limits on the north.

Ald. Block, chairman of the special parks commission, is waging war against J. H. Probst, city forester, on a variety of charges.

Visitors: J. E. Terrill, Lethbridge, Alberta, Can.; B. Katzwinkle, Mendota, Ill.; George Crabb, Grand Rapids, Mich.; Mrs. E. H. Mazey, Minneapolis, Minn.; Mrs. Baumgarten, Milwaukee, Wis.; Mrs. J. T. Hinchliffe, Racine, Wis.; W. Kinyon, D. Kinyon and R. Williams, South Bend, Ind.; Alpha Elberfield and wife, Kansas City, Mo., returning from Philadelphia and New York; R. W. Peterson, Cincinnati, O.

READING, PA.—The Reading Florists' Association will hold its show November 2-4.

CLAY CENTER, KAN.—C. Humfeld, who has conducted a greenhouse business in this city for more than a quarter of a century, has purchased five acres of land at Concordia, Kan., and will build a range of houses to be operated as a branch of his establishment in this city.

Cincinnati.

TRADE SLACKENS SOMEWHAT.

The supply of stock in the market last week was very heavy. The demand at the opening and close of the week was excellent. During the middle of the week, however, business was a little slow and stock accumulated. Shipping business is good. Prices are very reasonable. Roses of all seasonal varieties and all sizes are in a heavy supply. The same is true of American Beauties. Carnations are plentiful and Easter lilies are in a better supply than a week ago and are having a good market. Sweet peas sell fairly well, but so many come into the wholesale houses that it is impossible to move all of them even at the lowest possible prices. Violets, lily of the valley and orchids have a poor market. Bulbous stock is fairly plentiful and has a fair sale. Callas and snapdragons meet with a limited call. Smilax is rather scarce.

NOTES.

W. G. Maunder of Newport, Ky., J. C. Rutenschroer of Price hill, and John

WRITE FOR EASTER PRICE LIST

Wholesale Cut Flowers and Greens

M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago, Ill.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

WIRE HANGING BASKETS

Our Baskets are made strong and substantial, so do not compare them with other "cheap" made-up baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	.....\$1.25	14 inches	.....\$2.50
10 inches	..... 1.50	16 inches	..... 3.00
12 inches	..... 2.00	(Larger sizes to order.)	

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles)	.....\$1.25
Per 5 bale lots for	..... 6.00

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Natural Moss\$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN. ALABAMA

Taylor have each purchased light delivery trucks for their businesses.

Last week C. E. Critchell received another large supply of baskets and novelties for his Easter trade.

L. H. Kyrk has been getting some excellent Murillo tulips from Wm. Taylor on Price hill.

P. J. Olinger has been having a good shipping business for his roses and carnations.

The monthly meeting of the florists' society will be held April 10. H.

Chicago Bowling.

The team called the "Florists" and representing the trade in the North Chicago Bowling League rolled the following scores, Wednesday evening, March 30:

	1st Game	2d Game	3d Game
J. Huebner	.....150	178	170
W. Lorman	.....232	167	222
A. Zech	.....222	173	216
F. Price	.....167	160	113
P. Olsem	.....175	211	179
Totals	.....946	880	900

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experience. Shippers in Southern California

751 S. Broadway, Los Angeles, Calif.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" " short.	50@ 75
" Mrs. Chas. Russell	1 00@ 4 00
" " " "	Per 100
" Hoosier Beauty	5 00@15 00
" Killarney Brilliant	4 00@12 00
" Killarney	3 00@12 00
" White Killarney	3 00@12 00
" Richmond	3 00@12 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@12 00
" My Maryland	3 00@12 00
" Mrs. Geo. Sawyer	4 00@12 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@12 00
" Ophelia	4 00@12 00
" Double White Killarney	4 00@12 00
" Mrs. Moorfield Storey	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 3 00
Cattleyas, per doz., 6 00@ 8 00	
Gardenias, per doz., 3 00@ 4 00	
Jonquils	3 00@ 4 00
Freesias, Tulips	3 00@ 4 00
Lilium Harrisii	10 00@15 00
Mignonette	6 00@ 8 00
Romans	3 00@ 4 00
Sweet Peas	75@ 1 50
Valley	4 00@ 5 00
Violets, single	50@ 75
Violets, double	30@ 50
Adiantum Croweanum	1 00@ 1 50
Ferns	3 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000, 5 00@6 00	
Plumosa Strings, each, 60@ 75	
Smilax, per doz., 2 00@2 50	
Spengeri, Plumosa Sprays	3 00@ 4 00
Boxwood, 25clb per case	7 50

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

RICHMOND, IND.—A certificate of dissolution has been filed by the Charles Knopf Floral Co.

LAKE MILLS, WIS.—The greenhouses of the local cemetery association will be remodeled and enlarged this summer.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET WELL SUPPLIED WITH STOCK.

The market is full of flowers. Roses of all kinds are now at their best, being offered in all grades in quantity lots at lowering prices. American Beauties of grand quality are becoming plentiful, the spring crop being on with a number of growers. Sweet peas are a feature. They are superb and one of the best sellers, in fact, dominating the market. Carnations are plentiful and move fairly well at lower prices. Southern daffodils are in but they do not affect the fine Emperors, which clean up daily at good figures. Gardenias are sold at buyers' prices. The spring crops are now in, flooding the market, and they are sold at every corner by the street men. Cattleyas are also ahead of the demand and buyers' prices predominate. Double violets are cheap and move fairly well, while the lily of the valley supply is gauged very carefully by the growers and little goes to waste.

CLUB MEETING.

The April meeting of the florists' club was a love feast—there was not one discordant note. The many bright features of the show were brought out, notably its success financially with 102,000 paid admissions and cash receipts of almost \$50,000 and total expenditures of \$35,000, a record that will be hard to beat. J. Otto Thilow, Adolph Farenwald and others lauded W. F. Therkildson, Wm. Kleinheinz, E. J. Fancourt, M. P. Mills, Fred Cowperthwaite and all the other active members of committees who did so much to make the show the great success it was. As a factor in arousing the public the effects were already being felt, orders for roses coming to Henry A. Dreer, Inc., in large numbers, directly traceable to their work at the show. Many others related similar experiences in which the public are showing their appreciation. Another show on a grand scale is assured for next spring. It was also rose night, there being good displays of superb flowers by S. Mortensen, Edward Towill and Myers & Samtman. Each of these gentlemen gave their experience with the newer varieties, valuable information that was much appreciated by their fellow members. The flags presented to the club by the New York Florists' Club were draped on either side of the platform. A resolution of appreciation for the gifts was offered by J. Otto Thilow and was adopted. President Burton appointed Robert Craig to present this in person to the New York club during their coming show. Thirty-nine new members were elected, making over 100 additions to the roll in the past three months.

NOTES.

The feature of the week was the flower show and the interest manifested by the people was wonderful—scarcely a customer in any of the stores that did not have something to say of the exhibition. Those who had seen it were full of its glories, while others looked forward to their visit with pleasure. Never was there such a representation of out-of-town members of the craft; it was a regular convention week and more. The wholesale, supply and commission

Wholesale Flower Markets

BOSTON, April 5.		Per 100
Roses, Beauty.....	40 00@60 00	
" Killarney Queen.....	4 00@16 00	
" White and Pink Killarney.....	4 00@16 00	
" Double White Killarney.....	4 00@16 00	
" Killarney Brilliant.....	4 00@20 00	
" Hadley.....	6 00@25 00	
" Cardinal.....	6 00@25 00	
" Mock.....	8 00@35 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	6 00@12 00	
" Milady.....	6 00@12 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	35 00@50 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@2 00	
Carnations.....	1 00@2 00	
select.....	2 00@3 00	

BUFFALO, April 5.		Per 100
Extra Special Beauties.....	35 00@40 00	
Roses, Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" My Maryland.....	6 00@10 00	
" Killarney Queen.....	4 00@8 00	
" Richmond.....	4 00@10 00	
" Sunburst.....	4 00@10 00	
" Ward.....	4 00@6 00	
" Taft.....	4 00@10 00	
" Ophelia.....	6 00@10 00	
" Francis Scott Key.....	8 00@15 00	
" Shawyer.....	4 00@10 00	
" Bon Silene.....	2 00@3 00	
Lily of the Valley.....	4 00@5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@3 00	
Snadragons.....	6 00@10 00	
Violets.....	40@50	
Yellow Tulips.....	2 00@3 00	
Daffodils.....	2 00@3 00	
Freesias.....	2 50@4 00	
Paper Whites.....	2 00@3 00	
Asparagus Sprengeri... 35@	50	
Ferns.....per 1000, 2 50		
Smilax.....	15 00	

CINCINNATI, April 5.		
Roses, Beauty.....per doz., \$1 50@	\$5 00	
" Killarney.....	3 00@8 00	Per 100
" My Maryland.....	3 00@8 00	
" Richmond.....	3 00@8 00	
" Taft.....	3 00@8 00	
Lily of the Valley.....	4 00	
Lilium Gigantum.....	8 00@10 00	
Asparagus Plumosus, per bch., 25c		
Orchids.....per doz., 6 00@	7 50	
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35@50	
Narcissus.....	2 00@3 00	
Sweet Peas.....	25@1 00	
Daffodils.....	2 00@3 00	
Jonquils.....	2 00@3 00	
Hyacinths.....	3 00@4 00	

houses had the latchstrings out and cordially welcomed the visitors. The establishments of Henry A. Dreer, Inc., Jos. Heacock Co., the Robt. Craig Co., W. K. Harris, Adolph Farenwald, the Chestnut Hill rose houses and other prominent growers were all places of interest to the visitors, to which little journeys were made.

Easter lilies, callas and orchid sweet peas, together with select roses, are high lights in the stock of the Berger Bros. Easter prospects look good here.

American Beauties are leaders with the Leo Niessen Co. It is wonderful the amount of stock of this favorite that is received, but it all goes out.

Sunburst and Mock roses, good enough for the show, are pointed to with pride by Edward Reid—the genuine "Reed brand" he calls them.

The Philadelphia Wholesale Flor-

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock

Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

ists' Exchange is handling superb sweet peas. High grade carnations are also a feature.

K.

CHATHAM, N. Y.—The Chatham Floral Co. will erect a range of steel houses this spring.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

St. Louis.

MARKET FLOODED WITH STOCK.

Stock in all seasonable varieties has been in full supply during the past week. Violets are getting poor and do not keep from day to day, but sweet peas are of excellent quality and take their place. Carnations are holding up well and bring from \$2.50 to \$4 per 100. Roses are fine in quality and are arriving in better supply.

NOTES.

F. Toess has opened a flower stand in the Johnson drug store on Seventh street.

Adolph Steidle is recovering from the effects of his recent fall and has reported for duty again at Scruggs-Vandervoort-Barney Co.'s flower department.

Marion Ullschmidt, manager of Grimm & Gorly's East St. Louis store, reports remarkably good business for the Lenten season.

The shop of Miss M. S. Newman always presents an attractive display. The window arrangements of Miss Armstrong at this establishment always reflect the touch of the artist.

A committee of seven was named by the florists' union to take up the matter of hours and arrange for overtime with the employers. Several of the best known florists of the city were represented at the meeting and some very interesting points in flower store management were brought out, among the speakers being H. Ostertag, A. Meier, Martin Seeger and others. The principal topic of discussion was the 9-hour law, with four hours' work every alternate Sunday, all over that to be paid for on an overtime basis.

Visitors: E. C. Gullett, of W. H. Gullett & Sons, Lincoln, Ill.

J. E. H. S.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, April 5.		
Roses, Beauty, extra.....	50 00	@65 00
" " first.....	20 00	@35 00
" " Mrs. Chas. Russell.....	8 00	@15 00
" " Killarney.....	3 00	@10 00
" " White Killarney.....	3 00	@10 00
" " Liberty.....	5 00	@15 00
" " Hadley.....	8 00	@12 00
" " Sunburst.....	4 00	@12 00
" " Ophelia.....	5 00	@12 00
" " Hoosier Beauty.....	6 00	@20 00
Carnations.....	2 00	@4 00
Cattleyas.....	35 00	@50 00
Callas.....	10 00	@12 00
Lilium Harrisii.....	12 00	@16 00
Lilacs..... per bunch, \$1.00	@1.50	
Sweet Peas.....	1 00	@2 00
Snappdragons.....	8 00	@20 00
Calendulas.....	4 00	@5 00
Mignonette.....	3 00	@5 00
Violets, single.....	50	@75
Asparagus..... per bunch, 50		

PITTSBURGH, April 5.		
Roses, Beauty, special.....	40 00	
" " fancy.....	30 00	
" " extra.....	20 00	
" " No. 1.....	12 00	
" " Killarney.....	4 00	@12 00
" " My Maryland.....	4 00	@12 00
" " Sunburst.....	4 00	@12 00
" " Mrs. Aaron Ward.....	4 00	@8 00
" " Richmond.....	4 00	@15 00
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50	@1 50
Spanish Iris.....	6 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35	@40	

MILWAUKEE, April 5.		
Roses, Killarney and W. Killarney	4 00	@10 00
" " Ward.....	4 00	@8 00
" " Mrs. Chas. Russell.....	8 00	@25 00
" " Ophelia.....	4 00	@8 00
" " Hoosier Beauty.....	4 00	@10 00
Lilies..... per doz., 1.50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	1 00	@1 50
Carnations.....	1 50	@3 00
Snappdragons..... doz., \$1 00	@1 50	
Daffodils.....		
Tulips.....	00	@

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, April 5.		
Roses, Beauty, medium.....	20 00	@25 00
" " short stems.....	8 00	@15 00
" " Killarney.....	4 00	@10 00
" " White Killarney.....	4 00	@8 00
" " Aaron Ward.....	4 00	@8 00
" " Sunburst.....	5 00	@10 00
" " Ophelia.....	6 00	@12 50
" " Hoosier Beauty.....	5 00	@10 50
Valley.....		4 00
Carnations.....	2 00	@3 00
Orchids.....	35 00	@50 00
Callas.....	10 00	@12 00
Lilies.....	10 00	@12 50
Rubrum Lilies.....		10 00
Asparagus Plumosus, per bu., 25	@75	
Ferns..... per 1000, 3 00		
Bronze Galax..... per 1000, 1 25		
Richmond Roses.....	3 00	@8 00

New York.

THE ANNUAL SPRING SHOW.

The show opened under very favorable conditions and promises to be the most successful event of the kind ever staged in this city. In artistic arrangement the exhibitors have exceeded all previous efforts. The commercial growers, private estates, retailers, seedsmen and the allied trades are all well represented.

In the commercial line very noteworthy are the exhibits of F. R. Pierson Co., Tarrytown, N. Y., Julius Roebers Co., Rutherford, N. J., Bobbink & Atkins, Rutherford, N. J., and A. N. Pierson, Inc., Cromwell, Conn. The rose and rock gardens staged by these firms are incomparable. Fred Dressell, Weehawken, N. J., has a very fine exhibit of hydrangeas and Emil Savoy, Secaucus, N. J., makes a splendid showing of bougainvilleas.

The private estates have done splendid work. Clement Moore, Hackensack, N. J., W. B. Thompson, Yonkers, N. Y., James Stuart and P. W. Popp, Mamaroneck, N. Y., John Canning, Ardsley, N. Y., F. E. Lewis, Ridgefield, Conn., Louis Strauss, Brooklyn, and others have fine displays.

The Central park conservatories, represented by C. C. Olson, make noteworthy contributions, including a camellia plant 10 feet high in full bloom and other excellent exhibits.

In greenhouse construction the Wm. H. Lutton Co., Jersey City, N. J., represented by Samuel Burns, has a most attractive arrangement and others in this line are well represented.

Vaughan's Seed Store, J. M. Thorburn & Co., John Scheepers & Co., Stumpp & Walter Co., and other seedsmen exhibit to good advantage.

G. E. M. Stumpp, Max Schling, Alfred Kottmiller and other retailers are making highly creditable displays.

President MacRorie and our old friend C. E. Critchell were early on the ground.

Secretary John Young, after a hard week's work at Philadelphia, is on hand, answering many puzzling questions with usual efficiency and courtesy.

Arthur Herrington is managing the show and doing it well.

NOTES.

President MacRorie, of the Society of American Florists, and Angelo J. Rossi of San Francisco, Calif., Henry Rieman, of Indianapolis, Ind., and many others came over from the Philadelphia show last week.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

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THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

W. N. Rudd left for Chicago, April 1, through Norfolk and Richmond, by steamer.

W. J. Smyth and family of Chicago are at the McAlpin. A. F. F.

Albany, N. Y.

Members of the florists' club were grieved to learn of the sudden death, March 26, of Florence, daughter of James Snyder of Rhinebeck, N. Y., a grower of violets, and who has for about nine years been a member of the florists' club. Miss Snyder was 21 years old, a graduate of the Rhinebeck high school and assisted her father in the conduct of the business. She was of a cheerful disposition and had the good will of everyone connected with her father's establishment. The funeral was held from the Snyder home March 29. The florists' club contributed a handsome wreath.

The city officials are consulting with Charles Downing Lay, landscape architect of New York, with a view to improvements in the park system of the city. Plans for the extension of Manning boulevard from Western avenue to New Scotland avenue have been prepared under the direction of Mr. Lay. The drawings show a parkway 18 feet wide through the middle of the boulevard with carriageways on each side. The city officials will follow the suggestions of the architect in regard to plantings of trees, shrubs, and landscape work in Washington, Sheridan,



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WHOLESALE FLORIST

107 W. 28th St., New York

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and Beaver parks this summer. Mr. Lay advises Albanians, in efforts to beautify their grounds, to plant trees and shrubs native to this locality. He says they are best adapted to this latitude and less liable to disease. The great luxuriance of an English garden, he says, comes from the fact that the owner plants profusely of the trees and shrubs which are native to his isle.

R. D.

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Next Wednesday
at the
Fourth Annual
FLOWER
SHOW
GRAND CENTRAL
PALACE

APRIL 5th TO 12th

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NEW YORK, April 5.	Per 100
Roses, Beauty, special.....	30 00@40 00
" extra and fancy.....	20 00@25 00
" No. 1 and No. 2.....	5 00@ 8 00
Prima Donna, special.....	5 00@15 00
Alice Stanley.....	2 00@ 8 00
Francis Scott Key, special.....	2 00@ 8 00
Mrs. Geo. Sawyer.....	2 00@ 8 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	
" special.....	6 00@ 8 00
" No. 1 and No. 2.....	2 00@ 3 00
" Queen.....	2 00@ 8 00
" Brilliant.....	2 00@ 8 00
Aaron Ward.....	3 00@10 00
Richmond.....	2 00@ 8 00
Sunburst.....	2 00@10 00
Tait.....	3 00@10 00
J. L. Mock.....	2 00@10 00
Hadley.....	4 00@25 00
Ophelia.....	2 00@10 00
Mrs. Chas. Russell.....	2 00@ 8 00
Hoosier Beauty.....	2 00@ 8 00
Cattleya Orchids, special.....	35 00@40 00
inferior grades.....	15 00@20 00
Lilies, Longiflorum and Harrisii.....	6 00@ 8 00
Lily of the Valley.....	1 00@ 3 00
Carnations.....	1 00@ 2 00
Adiantum Croweatum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 40@ 3 00
Smilax.....doz. strings.....	1 00@ 1 25
Gardenias.....per doz.....	50@ 2 00
Violets, single.....	40@ 50
double.....	25@ 35
Sweet Peas, orchid flowered.....	1 00
common.....	15@ 25
Mignonette.....per doz., 50c@\$1.00	
Pansies, cut.....	20@ 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Tulips.....	1 25@ 3 00
Flamingo.....	3 50@ 4 00
White Lilac.....per bunch.....	\$0.75@\$1.50
Snapdragons.....per doz.....	75@ 1.25
Callas.....per doz.....	1.00@ 1.25

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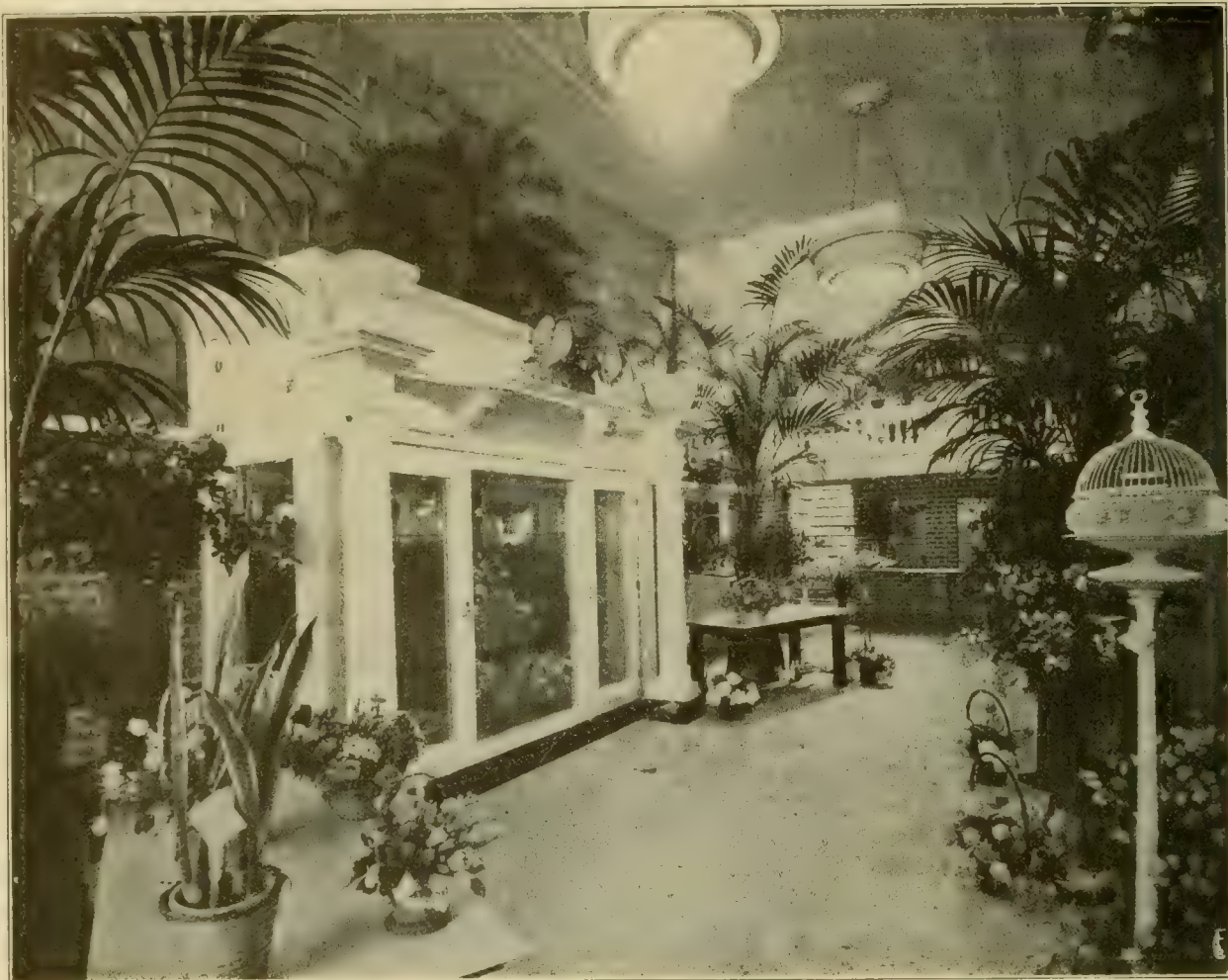
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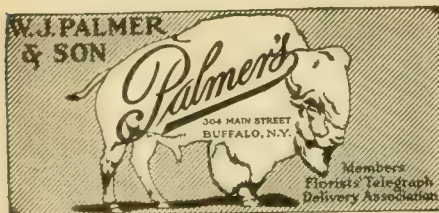
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Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
Even-den Bros. Co., Williamsport, Pa.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
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Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
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Graham, A., & Son, Cleveland, O.
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Mangel, Chicago.
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McConnell, Alex., New York.
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Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
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Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
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Denver, Colo.—The Park Floral Co.
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Duluth, Minn.—J. J. Leborious.
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Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
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Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Philips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stump.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
San Francisco, Cal.—Joseph's, 233-35 Grant Ave.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archbas Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evensen Bros. Co.

Will be delivered for the trade in other cities by the
firms below, the Leading Retailers in the cities indicated
on Wire, Phone or Mail Orders.

NEW YORK.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph
Delivery Association.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller the Florist
2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n

CHICAGO

Engel
The
Palmer House
Florist
17 E. MONROE ST.

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries
to all Southern and Middle States.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas
Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL

Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member Florists' Telegraph Delivery Ass'n

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

LATEST EDITION

ISSUED JULY, 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; E. W. Belgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

SEEDTIME in the Canadian northwest is very late this year and snow is still seen at many points.

BOSTON, MASS.—The Fottler-Fiske-Rawson Co. reports increased business for the season thus far.

VISITED NEW YORK: F. H. Woodruff, of Milford, Conn.; C. B. Coe, of D. M. Ferry & Co., Detroit, Mich.

THE death is announced of E. J. Sheep, vice-president of S. M. Isbell & Co., Jackson, Mich., March 24.

DWARF mixed nasturtium seed has been added to the long list of scarce items. Named sorts of these are also lacking.

THE stealthy approach of spring reminds us that Carl Cropp is secretary of Vaughan's Seed Store.—Chicago Tribune.

CHICAGO.—Prices for grass seed on the Board of Trade, April 5, were as follows: Timothy, \$5.00 to \$7.50 per 100 pounds.

NEW YORK.—The weather is in no hurry to warm up for the seed rush, but commuters had their rakes out Sunday, April 2, which was the first and only springlike day to date.

THE HAGUE, April 3.—The Dutch steamer Ryndam, which was due to sail Friday for New York, is still being held up owing to the strike of stokers and trimmers over their demand for an increase in wages.

PHILADELPHIA, PA.—W. Atlee Burpee & Co. say their business during March gained continuously and now is going far in excess of last year. Both the value and number of orders are greater than the average of 1915.

MINNEAPOLIS, MINN.—Northrup, King & Co. are very well pleased with their March business, which compares favorably with that of the preceding year and this seems quite favorable when the backward weather and shortage of stocks are considered.

ST. LOUIS, MO.—The St. Louis Seed Co. says the March business, both mail and local, has been the best they have had for quite a while, showing an increase of about 25 per cent over that of former years. The prospects with this firm are for a banner year.

ROCKFORD, ILL.—R. H. Shumway says his mail trade was much less than last year during January and February, but a little better in March with orders smaller than last year. "I feel," says Mr. Shumway, "if we have a cold and backward spring mail business will last longer, such at least has been the case during my 46 years in the mail seed trade."

GRAND RAPIDS, MICH.—The A. J. Brown Seed Co. advises its business has not been as large as last year by considerable. The short crop of some specialties is given as the cause of this falling off. Trade since the snow

disappeared has been very satisfactory and everything points to a good April business. On the whole this firm has no complaints regarding business in general.

THE Leonard Seed Co., Chicago, says its business is at least 20 per cent greater than ever before and continues busy with onion sets, moving out thousands of bushels at steadily advancing prices. This firm was very well pleased with the finish this year and believes prices will continue firm for the next 10 days or two weeks, which will pretty nearly clean up all the sets in the market fit to ship.

New Jersey and Kentucky Seed Legislation.

In a communication from Curtis Nye Smith, counsel for the American Seed Trade Association, under date of March 28, 1916, he states that new seed laws have recently been passed in Kentucky and New Jersey. His comment on these laws follows:

"The New Jersey seed law is quite unsatisfactory to the seed trade. It requires labeling of agricultural seeds, mixtures of such seeds, and also vegetable seeds. The label on the first two classes mentioned, briefly stated, calls for the name of the seed, and if a special variety or strain of such seed is used, it must be the true name; percentage by weight of purity or freedom of such seed from foreign matter, or from what other seeds distinguishable by their appearance; percentage of germination; the number per pound of the seeds of noxious weeds, if present in excess of one seed in each five grams of agricultural seed; the name of the seller. Vegetable seeds must have a label stating the name thereof; the percentage of germination; the percentage of inert matter if in excess of five per cent of the total weight; the name of the seller.

"The administration of this law is vested in the board of managers of the New Jersey agricultural experiment station, and its analyst, who are not public officials and are not subject to state control. The seedsmen also feel aggrieved over the methods used by the proponents of this bill in forcing it through the legislature.

"The Kentucky bill is a rather close copy of the views of the Association of Official Seed Analysts in regard to a uniform state seed bill. This bill affects agricultural seeds and requires a label, stating the name of the seeds, the name and address of the seller, the approximate percentage by weight and purity, meaning freedom from foreign matter, or from other seeds; the approximate percentage by weight of the different species of foreign seeds when

sold as mixtures and so labeled; the approximate percentage of germination as shown by laboratory tests. No agricultural seeds containing more than one of certain named noxious weed seed to 2,000 agricultural seeds shall be sold. Garden and flower seeds in sealed packets must be labeled with the approximate percentage of germination and also the year in which the packet was filled."

Flower Seeds

We still have large stocks of nearly our entire list, including many short items, such as

**Four O'Clock,
Morning Glory,
Castor Beans,
Cypress Vine,
Phlox,
Petunias,
Comet and
Giant Comet
Asters**

in separate colors,

**Giant
Branching
Asters,
Salvia, etc., etc.**

Prompt Service.

Vaughan's Seed Store
CHICAGO NEW YORK

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

LARGEST AUCTION SALES in THE HISTORY OF AMERICA

of RHODODENDRONS, ROSE BUSHES, EVERGREENS, BOXWOODS, ETC.

SALES start at eleven o'clock A. M. each TUESDAY and FRIDAY

THE MACNIFF HORTICULTURAL COMPANY

The Largest Horticultural Auction Rooms in the World.

52, 54 and 56 Vesey Street., New York

Seed and Nursery Stock Embargoes.

Curtis Nye Smith, counsel of the seed and nursery trade associations, had on April 3 a conference with the railroad officials of the New York Central and New Haven railroads and also with the Eastern Freight Accumulation Conferences concerning the lifting of embargoes on seeds and nursery stock.

As our readers were heretofore advised the New Haven embargo on seeds was lifted March 1 and on March 28 a permanent order against embargo on seeds was made. On the same road on March 31 the embargo on nursery stock was lifted. The New York Central lines and Boston & Albany have lifted embargoes on seeds and nursery stock. The Boston & Maine has no embargo on seeds or nursery stock. The Pennsylvania has co-operated in the lifting of embargoes.

It is of the greatest importance that seeds and nursery stock shall go forward promptly as the planting season is at hand. The railroad officials have shown an earnest desire to assist in this movement.

If any seedsman or nurseryman finds any delay in shipments, he should telegraph his complaint at once to the vice-president in charge of traffic of the railroad complained of, with copies to Mr. Smith.

Legal Notes.

The supreme court has held (Auditorium versus Scott Transfer Co.) that the mere fact that a concern goes into bankruptcy does not end contracts between it and another party in case the latter suffers by the proceedings.

The supreme court of Mississippi in the case of the Shenandoah Pure Seed Co., has held that acceptance of the goods relieves the telegraph company of cause for action where through error in message the buyer receives more goods than he ordered.

French Bulbs.

Toulon, France.—American buyers are making inquiry freely for Narcissus Paper White Grandiflora, one New Yorker even bidding through his agent up to 18 francs to the small growers. This, naturally, will advance the prices and make growers delay closing deals and demand more money. It is also very likely that bulbs under 13 centimeters will be worked off.

ST. JOSEPH, MO.—The Mitchihill Seed Co. has been incorporated with a capital stock of \$50,000.

MATAWAN, N. J.—The Monmouth Seed Co. has been incorporated with a capital stock of \$100,000 by Robert and John K. Crine of Morganville, N. J., and Samuel D. Jones of New York.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

Mention the American Florist when writing

ONION SETS? LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers

Offer high test 1914 Seed Corn

YELLOW DENT:

Pride of the North King of the Earliest
Reld's Early Funk's Early 90 Day

WHITE DENT: Iowa Silver Mine.

Write or wire for prices.

Fremont, - - Nebraska

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Cold Storage Forcers

Lily Bulbs and Valley

Always in stock.

Vaughan's Seed Store

CHICAGO

NEW YORK

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS
and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

Cannas and Caladiums

CRIMSON AND SCARLET CANNAS

	Per 100	Case of 250	1,000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
Brandywine, 4½ ft. deep crimson bronze foliage.....	2.75	6.25	25.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
David Harum, 3½ ft. vermillion bronze foliage.....	2.75	6.25	25.00
Duke of Marlboro, 4½ ft. glowing crimson.....	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Beaute Poitevine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon.....	2.75	6.25	25.00
Fuerst Bismarck, 4 ft. rich scarlet crimson.....	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scarlet, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eissele, 5 ft. brilliant vermillion scarlet.....	2.25	5.00	20.00
King Humbert.....	Sold Out		
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Musafolia, 5 ft. Green leaves for foliage effect only.....	1.50	3.50	14.00
Tarrytown, 3½ ft. Crimson.....	2.00	4.38	17.50

CANNAS, White and Cream Shades

Alsace, 3½ ft. Creamy white.....	2.25	5.00	20.00
Mont Blanc Imp. 3½ ft. Almost a pure white.....	3.75	8.75	35.00

All the above in strong fresh dormant roots, 2 and 3 eyes each.

CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1,000
5 to 7 in. in circumference, 200 in a case.....	\$0.30	\$2.00	\$17.50
6 to 8 in. in circumference, 200 in a case.....	.35	2.25	20.00
8 to 10 in. in circumference, 100 in a case.....	.50	3.50	30.00

YELLOW AND ORANGE CANNAS

	Per 100	Case of 250	1,000
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00
Indiana, 6 ft. golden orange striped red.....	1.35	3.00	12.00
Kanzleiter, 3½ ft. pure light yellow.....	1.50	3.50	14.00
R. Wallace, 4½ ft. canary yellow, free. Better than Florence Vaughan.....	1.50	3.50	14.00
Wyoming, 7 ft. purple foliage, orange flowers.....	1.50	3.50	14.00
Indiana, 6 ft. Golden orange, striped.....	1.35	3.00	12.00
Wyoming, 7 feet. Purple foliage, flowers orange.....	1.50	3.50	14.00

GOLD-EDGE CANNAS

America, 5 ft. crimson gold band.....	1.35	3.00	12.00
Allemanina, 4 to 5 ft., green foliage, scarlet and yellow.....	1.35	3.00	12.00
General Merkel, 4 ft. the best scarlet gold edge sort.....	1.65	3.75	15.00
Gladioflora, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered yellow.....	1.50	3.50	14.00
Mad. Crozy, 5½ ft. vermillion gold border.....	2.25	5.00	20.00

PINK FLOWERING CANNAS

Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosea gigantea, 3½ ft. rich rose, extra large.....	12.00	27.50	110.00

For fuller descriptions and more complete list of Spring Bulbs, send for wholesale catalogue.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen
128 Chambers Street, NEW YORK

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.

The Import House
17 Murray Street, NEW YORK

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Bulbs for Florists and Seedsmen

GLADIOLUS

Grown in the U. S. by Vaughan's
Seed Store

	Per 100	Per 1000
AMERICA, Extra, 2¼ to 3-in., thick heavy bulbs.....	\$15.00	
AUGUSTA, Extra, big ones like above.....	15.00	
America, 1st size.....	\$1.25	10.00
Augusta, 1st size.....	1.25	10.00
Chicago White, 1st size.....	3.00	25.00
Mrs. Francis King, 1st size.....	1.25	10.00
Prinsep, 1st size.....	2.50	22.00
Mrs. Frank Pendleton, 1st size.....	9.00	85.00
Niagara, 1st size.....	4.50	40.00
Panama, 1st size.....	4.00	35.00
Primulinus Sunbeam, 1st size.....	18.00	
Velvet King, 1st size.....	3.00	25.00
Hyde Park, 1st size.....	5.00	45.00
Vaughan's XXX Florist Mixture, 1st size.....	1.75	15.00
Extra Fine Mixed, 1st size.....	2.00	18.00
Good Mixed, 1st size.....	1.00	8.50

And all Other Leaders
Write for quantity prices

Dahlias, Peonies, Cannas, for the Counter Trade.

Chicago

Vaughan's Seed Store,

New York

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flowering strains. Quality inspected by our Mr. J. C. Vaughan in Belgium.

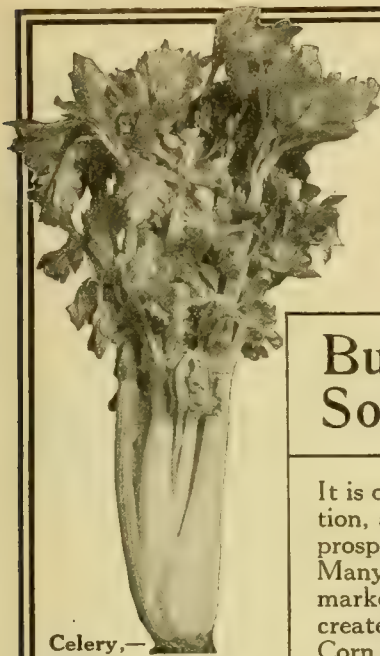
Single sorts, white, Doz. 100 1000		
scarlet, yellow, pink, orange, salmon.....	50c	\$3.00 \$25.00
Single Mixed.....	40c	2.60 23.00
Double sorts, white, scarlet, yellow, pink, orange, salmon.....	60c	4.00 35.00
Double Mixed.....	50c	3.50 30.00

Caladium Esculentum

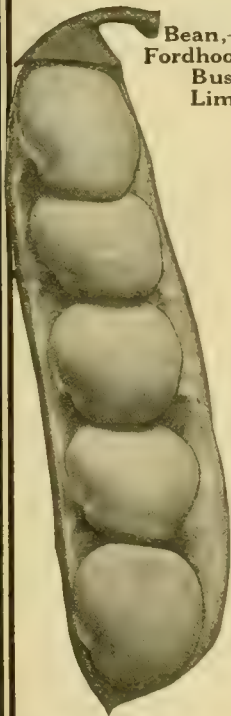
	Per 100	Per 1000
5-7 inches.....	\$1.75	\$15.00
7-9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00

TUBEROSES True Dwarf Pearl

Per 1000
First size, 4-6 inches.....\$10.00



Celery,—
Golden
Self-Blanching

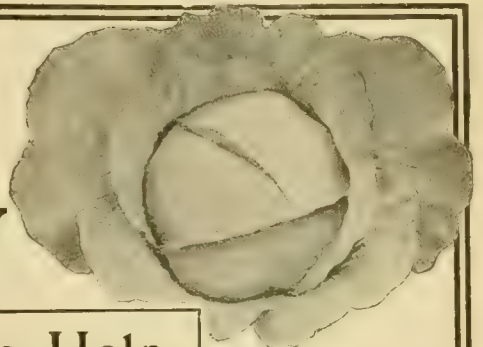


Bean,—
Fordhook
Bush
Lima



Pepper,—
Burpee's
Ruby
King

Burpee's Seeds Grow



Cabbage,—
Burpee's
Allhead
Early



Beet,—
Burpee's
Black-
Red Ball



Sweet
Corn,—
Burpee's
Howling-
Mob

Burpee-Quality Seeds Help Solve the Market Problem

It is our pleasure to record a greatly improved market condition, and we confidently predict that 1916 will prove a most prosperous season for the Market Grower.

Many causes contributed to the unsatisfactory vegetable market of 1915, and it is also true that these same causes created a most profitable market for Staples, such as Wheat, Corn, Oats, etc.

During 1915 we attended many meetings where market growers gathered to formulate plans to overcome the then prevailing unfavorable conditions. Much good resulted from these conventions, as they have proved beyond question that inferior produce in large quantities, dumped without thought of quality or condition, has done more to demoralize the markets than any other factor.

The discussions at these meetings have brought the invariable conclusion that Quality Produce did sell—and sell well—at the highest price obtainable.

Quality Produce can no more be the harvest of inferior seed than high-bred cattle can be the product of inferior or diseased stock.

Burpee's Seeds are known the world over as the American Standard of Excellence. When you buy Burpee's Seeds the element of doubt is removed so far as is possible by human care. A careful canvass of our Market Grower friends has brought this answer: "Yes, we certainly grew first-class crops from Burpee's Seeds."

The conclusion is inevitable: Burpee's Seeds grow Quality Produce, and Quality Produce brought good prices. Burpee's Seeds help solve the market problem.

Did you use Burpee's Seeds in 1915? If not, we earnestly solicit your orders for 1916. The profit is mutual.

Burpee's Annual for 1916, our complete retail catalog of 182 pages, has already been mailed. If you have failed to receive it, please write us at once and a duplicate copy will be forwarded.

Sincerely yours,

Burpee Buildings:

North Fifth Street,
York Avenue and
Buttonwood Street,
Philadelphia.

W. Atlee Burpee & Co.

Seed Selection Gardens and Trial Grounds at our famous FORDHOOK FARMS, Pennsylvania, SUNNYBROOK, New Jersey, and FLORADALE, Lompoc, California.
Philadelphia, January 1, 1916

Reproduction of the Introductory Page of

Burpee's Blue List for 1916

the Market Grower's Handbook

A Post Card will bring it

W. Atlee Burpee & Co.

Seed Growers

Burpee Buildings, Philadelphia



H. WREDE LUNEBURG, GERMANY PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome.
1000 seeds, finest mixed...25c
1 oz. .\$.25

Price list on application.

Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBORO, N. J.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

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LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

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MANN'S

Lily of the Valley

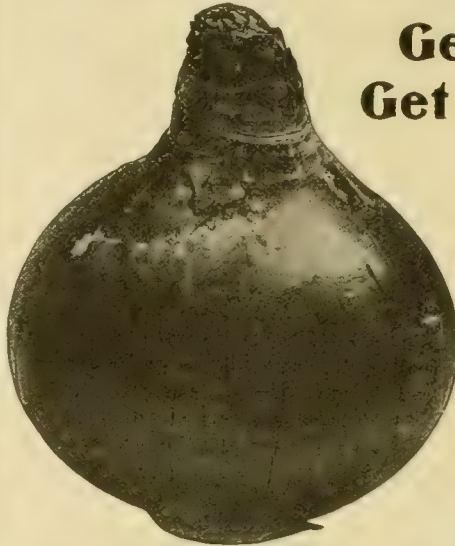
are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Paper Whites

For Next August

YOU, who have bought these too cheaply last year, and did not get delivery or got blind stuff, try Vaughan's Paper Whites for Fall, 1916, and pay enough.



Get Them and Get Them Good!

We are the only American firm with a foreign buyer and inspector during the packing season. Our total bulb importations exceed those of any other American firm.

CHICAGO Vaughan's Seed Store NEW YORK

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA,

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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when writing. : : :

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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NEW CANNAS

TWO STRIKING NOVELTIES OF OUR OWN RAISING

EUREKA

We unhesitatingly declare this to be the best white flowering Canna that has been brought to our notice. Nearly all other white varieties have proven of weak constitution and growth.

Eureka grows as vigorously and blooms as freely as any Canna of any color. Its foliage is clean and healthy of a beautiful green color. It grows quickly into sturdy shapely plants about four feet high, which produce a profusion of large trusses of good sized florets. These open a creamy white, and quickly becomes pure white in the full sun.

Its superior merits have been commented on by all who have seen it, and we confidently proclaim it the best white Canna yet introduced. Strong 2-eye divisions, 30c each, \$3.00 per dozen, \$20.00 per 100.

ORANGE BEDDER

A particularly attractive vigorous growing variety, of a bright scarlet orange, of peculiar dazzling intensity. The flowers are produced very freely, creating a great mass of color. A bedding variety of extraordinary merit.

Strong 2-eye divisions, 30c each, \$3.00 per dozen, \$20.00 per 100.

Standard Varieties of Cannas at Special Prices

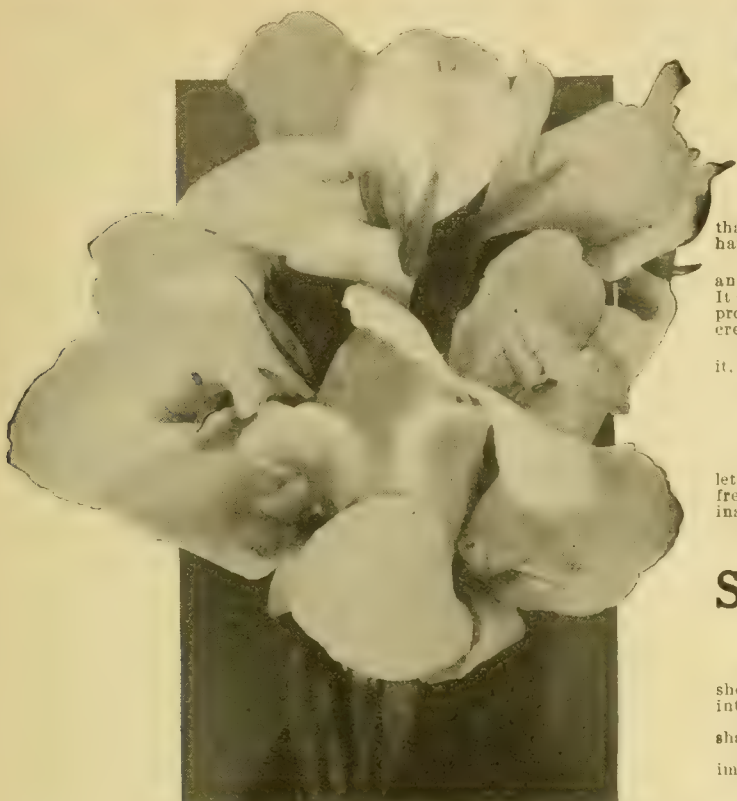
We have completed the cleaning of our Cannas, and the inventory shows that we have a number of excellent sorts; some of them recent introductions, in particularly large quantities.

The list is an excellent one, comprising sorts of practically every shade, and all distinctly different from each other.

We offer these 20 varieties at \$2.00 per 100; \$15.00 per 1000, for immediate delivery and subject to being unsold on receipt of order.

No order accepted for less than 100, at this special price.

Try a thousand, in the 20 sorts, 50 of each. You will find it a profitable investment. ORDER NOW.



DREER'S NEW WHITE CANNA, EUREKA

THE VARIETIES

Duke of Marlboro—Crimson.
Graf. M. Tolstol—Bronze fol. red.
Louis Reverchon—Bronze fol.
Orange scarlet.
Uhlberg—Carmine and cream.

Gustav Gumpfer—Yellow.
Johanna Kanzleiter—Cream and rose.
Secy. Chabanne—Orange.
Stuttgartia—Red and yellow.
Wm. Bates—Large yellow.

Queen Charlotte—Red and yellow.
Karos—Bronze fol. orange.
Philadelphia—Scarlet.
Marcel Ricard—Red and yellow.
Czuczor—Pink. Maros—White.

Venus—Pink and cream.
Meyerbeer—Orange and cream.
Wyoming—Bronze fol. orange.
Mile Gabrielle Miguel—Flesh.
Brilliant—Yellow and Red

\$2.00 per 100, \$15.00 per 1000

HENRY A. DREER,

714-716
Chestnut Street,

PHILADELPHIA, PA.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL New York

Elmer D. Smith & Co.

CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

Miscellaneous Stock For Florists

Asparagus Plumosus, 2 inch.....\$3.00 per 100; \$25.00 per 1000
Asparagus Sprengerii, 2 inch..... 3.00 per 100; 25.00 per 1000
" " 3 inch.....\$5.00 per 100 (heavy)
Achyranthes Herbsti, dwarf, bright red.....\$4.00 per 100
Boxwood, full list of sizes now on hand.
CARNATIONS. Established pot plants at rooted cutting prices. Enchantress, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3.00 per 100; \$25.00 per 1000.
Dracaena Terminalis, fine stock, well colored. 3 inch pots, \$16.00 per 100; 4 inch pots, \$25.00 per 100; 5 inch pots, 35c each; 6 inch pots, 50c each.
FERNs. Boston, fine stock, 2 1/4 inch, \$4.00 per 100; \$35.00 per 1000; 3 inch pots, \$8.00 per 100; 4 inch pots, \$15.00 per 100; 5 inch pots, \$25.00 per 100; 6 inch pots, \$40.00 per 100.
Fine Teddy, Jr., 2 1/4 inch pots, \$5.00 per 100; \$45.00 per 1000; 3 inch pots, \$10.00 per 100 (very heavy); 4 inch pots, \$20.00 per 100.
BEGONIAS. Gracilis, Luminosa, Prima Donna and White Triumph, 2 in pots, \$2.50 per 100
Azalea Mollis, mixed colors, 15 to 18 inches high..... at 35c
Heliotrope, 2 1/4 inch, purple in variety.....\$3.00 per 100
English Ivy, strong, 4 inch.....\$12.00 per 100

The Storrs & Harrison Co., Painesville, Ohio

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in .....doz.,	\$1.00;	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower, PEKIN, ILL.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½-inch staves and 17½-inch heads, head material not thicker than 2 5 of an inch.

Prices of Indoor Fruits and Vegetables.

Chicago, April 4.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 12½ to 15 cents; radishes, 35 cents to 50 cents per crate; celery, \$2.00 to \$2.10 per crate; tomatoes, six baskets, \$2.00 to \$2.25; cucumbers, per doz., 75 cents to \$1.00.

New York, April 4.—Celery, per 12-inch crate, \$2.00 to \$3.00; cucumbers, 75 cents to \$1.00 per dozen; mushrooms, \$1.35 to \$1.75 per 4 pound basket; tomatoes, prime, 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per strap, \$2.50 to \$3.25; rhubarb, per dozen bunches, 40 cents to 60 cents.

Vegetable Foods Extension Course.

Bulletin No. 123 has been issued by the United States department of agriculture under the title of "Extension Course in Vegetable Foods" for self instructed classes in movable schools of agriculture. It is a professional paper by Anna Barrows, director, School of Domestic Science, Chautauqua, N. Y., and instructor, School of Household Arts, Columbia University, and in its contents are included lessons on the classification of plants, leaves and stalks, succulent roots, condimental vegetable foods, food accessories, summary of cookery, preserving and canning vegetables, marketing and a list of equipment and apparatus.

Germination of Hard Seeds.

In a bulletin of the New York Cornell Station, H. H. Love and C. E. Leighty call attention to the fact that—

The seed of many species of leguminous plants usually contains a considerable amount of seed that germinates slowly or not at all. Such seed is often referred to as "hard seed." Very frequently there is so much of this hard seed present that germination tests, even when continued for three weeks, give results entirely misleading as to the viability of the sample or lot of seed. When such seed is sown in the ordinary way a very poor stand of plants is usually secured. This is especially true in dry seasons or in regions of light rainfall.

It was found that delayed germination could be practically done away with by treating the seed with sulphuric acid. Such treatment was found to be especially effective not only on clover seeds of various kinds, but also on cotton seed. Many varieties of weed seeds commonly found in samples of clover or alfalfa seeds were killed by the acid treatment. The germination of other kinds of weed

seeds was either benefited by the treatment or was not affected.

In order to determine whether acid treatment of leguminous seeds is necessary, a germination test should be made. If this shows a low percentage of germination and a large amount of hard seeds that are apparently alive, acid treatment will probably be beneficial. The methods of treatment advised are as follows:

When there is only a small amount of seed to be treated, such as the seed from a single head of clover or from a single clover plant, amounting to not more than a few hundred seeds, the following method may be employed:

Place the seed in a small homeopathic vial or test tube. Pour on the seed a quantity of concentrated sulphuric acid equal to about five or six times the volume of seed. Stir the mixture thoroughly with a stirring rod until all seeds are completely coated with the acid. Allow to stand for 15 to 45 minutes at ordinary room temperature, the longer time being necessary if the percentage of hard seed is high. At the end of this time allow water from a faucet to run into the vial or test tube until it is nearly full, then quickly pour the entire contents into the strainer and wash quickly with water. (If this method is followed, it should be done over a porcelain or other acid-resistant sink and the waste acid washed away with water.) Wash for five minutes in running water, or until the seed is entirely free from acid. The seed may be planted immediately, or it may be allowed to dry before planting, the former process being preferable for small lots of seed.

For larger amounts of seed for sowing in fields the following modifications make the above method applicable:

A stone jar of two or three gallons capacity, or larger, may be used as a receptacle in which to mix the seed and the acid, and a wooden or iron stick (a broomstick is satisfactory) may be used for stirring. The acid may be washed off by pouring the seed and acid into a wooden box whose bottom has been replaced by a screen of proper mesh. After draining a few minutes, water should be poured over the seed, in large amounts at first in order to prevent heating, and this process should be continued until all acid is washed away. For larger amounts of seed, which are to be sown in a seeder, it will be necessary to allow the seed to dry before sowing. This may be accomplished by spreading it out on a floor or other suitable place in a thin layer.

The materials required for the above treatment are—for clover or other

small seeds in limited quantities: Small homeopathic vials or test tubes that will hold the seed easily and will give plenty of room for mixing with the acid.

Concentrated sulphuric acid, of a specific gravity of about 1.84, and receptacles for same. Either the chemically pure acid or the ordinary dark-colored commercial acid gives the same results.

A needle mounted on a wooden handle, to be used for stirring the acid and seed.

A spatula or section lifter is needed to remove seeds from the strainer and place them into the tubes.

A wire tea-strainer of fine mesh. This will resist the action of the acid for several hundred tests.

Blotters and germinator, or other apparatus for germinating seeds, if the seed is not to be planted in the soil.

For clover or other small seeds in large quantities of a half peck or more: Stone jars of two or three gallons capacity or larger.

Acid as above.

A wooden or iron stirring rod. A broomstick is satisfactory.

A strainer made by nailing a fine-mesh iron, copper, or brass screen to a wooden box.

For cotton and larger seeds: The same apparatus as given above may be used, except that the screen or sieve may be of larger mesh.

500,000 Giant Argenteuil and Palmetto Asparagus Roots

Grown from selected seed. 500,000 Jersey Sweet Potato Plants, red and yellow. 50,000 Vineland Bush Sweet Potato Plants novines. 100 lbs. each Ruby King and Pimento Pepper Seeds. 25,000 Gladiolus Bulbs. 10,000 Rhubarb Roots. All other vegetable plants in season. Write for what you want. No catalogue.

I. & J. L. LEONARD, Iona, N. J.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

"Market Gardening"

An elementary text book containing 102 pages. 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

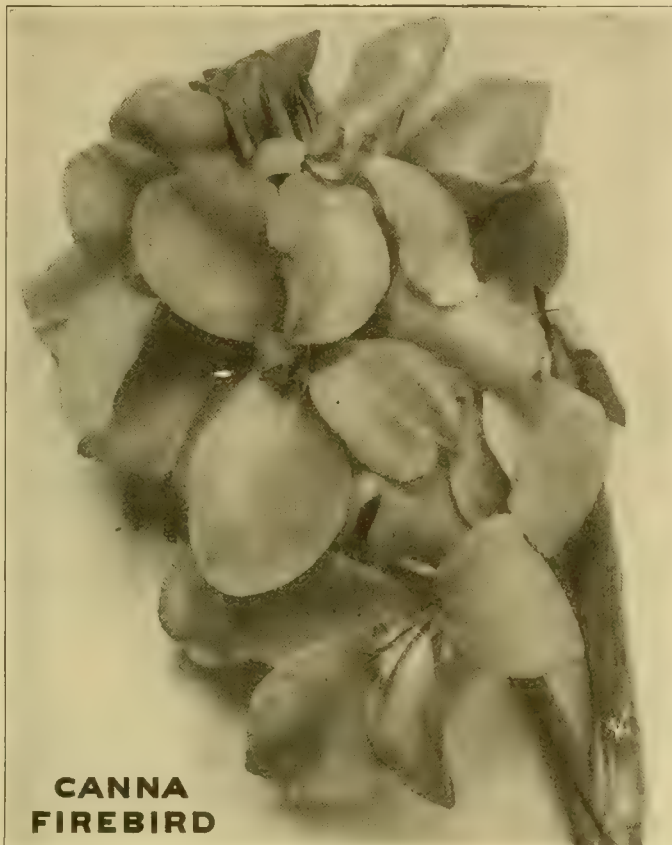
GROWER AND EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.




**CANNA
FIREBIRD**

Canna Firebird

**The Best Scarlet, Green-Leaved
Canna. A Companion to
King Humbert.**

We have seen and tested many varieties during the years we have devoted to their culture, and have yet to see the one that can approach it.

**Our Rapid Propagation the past
two years, brings it now before
the public at a moderate price.**

 You will be asked for it the coming spring. Is your order booked?

**PLANTS
25 FOR \$5.00**

Write for prices on larger lots.

**All the best other Cannas
Vaughan's Seed Store,
Chicago. New York.**

Thorburn's Tuberose

Dwarf Double Pearl

4½ to 6 inches
\$8.50 per 1000.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

CANNAS

Strong 2 and 8 eye divisions freshly divided from clumps same day shipped, far superior to stored divisions.

Unless noted, \$2.50 per 100; \$20.00 per 1000.

Alphonse Bouvier
Black Prince
Egandale
Elcorado, large flowered,
yellow.
Feuermeeer
Garam, 14.00 per 100.

Hungaria
Indiana
Italia
Julius Kock
Koros, \$6.00 per 100.
Louisiana, \$4.00 per 100.
Mephisto

Mrs. Geo. A. Strohlein
Mrs. Karl Kelsey
Mrs. Kate Deemer, \$4.00
per 100.
New Chicago
Prince Wied
Prof. Rombert

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

L. CLAUSE

(Established 1796.)

BRETIGNY - sur - ORGE (S. & O.)
near Paris, France.

Grower and exporter of
HIGH CLASS SEEDS
for the wholesale trade.

Just the grade of seed you need, if you sell to market gardeners.

Will send over early in May next his traveling salesman, Mr. Jacques Courtine, to call on the American trade.

Always

mention The American Florist
when you order stock. : :

COTTAGE MAID

A Sport of Mrs. C. W. Ward.
Will be disseminated 1916-17.

Rooted cuttings of **Mrs. C. W. Ward** and **Matchless**,
\$3.00 per 100; \$25.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, N. Y.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ANTIOCH, ILL.—H. S. Message is starting in the nursery and greenhouse business here.

WHITLEY CITY, KY.—The Cumberland Nursery of Sawyer, Ky., will move its establishment to this city.

COUNCIL BLUFFS, IA.—J. W. Menearay is planning to purchase land at Twenty-fourth street and Avenue F, and will establish a small nursery.

NEW HAVEN, CONN.—Superintendent of Parks Gustav X. Amryhn, who was injured recently in a railroad wreck, is able to attend to his duties again.

LOS ANGELES, CALIF.—Dr. A. J. Cook, state horticultural commissioner, will resign his office, owing to failing health, as soon as his successor is appointed by the governor.

WE ARE in receipt of the transactions and proceedings of the California Association of Nurserymen at its fifth annual meeting held at San Francisco, Calif., August 13-14, 1915.

HOUSTON, TEX.—E. L. Ayres, state inspector of orchards and nurseries for Texas, has moved his office from Austin to this city to be more closely located to the citrus canker affected regions.

BERLIN, ONT.—The next annual meeting of the Canadian Horticultural Association will be held in this city, August 8-10, 1916. An interesting programme is already assured. Julius Luck, Montreal, is secretary of the association.

INDEPENDENCE, IA.—Fred Minor has purchased the Brightside Nursery from G. D. Black. The latter will remove to Albert Lea, Minn., in the fall, but will continue to occupy part of the establishment this summer for dahlia growing, in which line he is an expert.

Nursery Stock Shipments Restricted.

The federal horticultural board of the United States department of agriculture in order to protect western white pine forests from white pine blister rust, under date of March 22, 1916, sent a copy of the following communication to all nurserymen in the eastern states:

"Dear Sir:

"All eastern nurserymen are requested not to ship white pines, currants, or gooseberries west of the following tier of states: North Dakota, South Dakota, Nebraska, Kansas, Oklahoma and Texas. The object of this request is, first, to safeguard the enormously valuable western white pine forests from the white pine blister rust, now known to have foothold in six eastern states, and perhaps also in the Ohio valley, and, second, to avoid the necessity of a burdensome quarantine. The white pine blister rust is a very destructive disease of all white pines, but occurs also in a different form, as a leaf disease, on currants and gooseberries, and may therefore be carried to new regions

by any of these plants. Like citrus canker and chestnut blight, the white pine blister rust was brought to this country on imported nursery stock before the passage of the federal plant quarantine act. Ninety per cent of the infections now in North America came from a single German nursery. An attempt is being made to control the disease in the eastern states. If this disease should spread to the Rocky Mountains and beyond, the western forests of white pines, which are now among our most valuable trees, will be endangered. At a very conservative estimate, the government and private holdings in these forests represent a valuation of \$240,000,000.

"Compliance with this request on the part of nurserymen may make it unnecessary for the department of agriculture to declare a quarantine covering the known infested states prohibiting the further interstate movement of white pines, currants and gooseberries. With the co-operation of the nurserymen, as proposed, very little, if any, hardship will be experienced, and the protection which a quarantine would give will be secured without restriction on the general nursery trade in the eastern half of the United States. The states within the range of the western white pines will be warned of the danger from eastern nursery stock of white pines, currants, and gooseberries, and the inspectors of all of the western states will be asked to notify this board of the shipment into their several states of any of the stock referred to from points east of the western line of the states enumerated. If, as a result of this request, no such shipments are made, further action may be unnecessary. If, however, nurserymen should ignore this request, it is practically certain that a quarantine will have to be established at an early date prohibiting the interstate movement of these plants from the infested states.

"C. L. MARLATT,
"Chairman of Board."

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations

Field-Grown Roses, Flowering Shrubs, Perennial Plants,
Climbing Vines, Ornamental Trees.

NOTE—Use printed stationery. We sell to the trade only and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.
JACKSON & PERKINS COMPANY, NEWARK, NEW YORK

JAPANESE TEA GARDEN

—AND—

ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd.
CHICAGO.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Mention the American Florist when writing

The Garden Nurseries

NARBERTH, PA.

Rooted Cuttings

LOMBARDY POPLARS

(7000) 2-3 ft., 2 yrs., \$3.00 per 100, \$20.00 per 1000.

ORIENTAL PLANE

(4000) 2-5 ft., \$5.00 per 100, \$30.00 per 1000.

Mention the American Florist when writing

Nature Reproductions

Of Fruits, Flowers and Ornamental Shrubs

We have a stock of Plates on hand

We design and print catalogue covers. Write us.

CHRISTY ENGRAVING COMPANY

183 St. Paul St.,

ROCHESTER, N. Y.

NURSEERY STOCK.



EVERGREENS

	Per 1000
Irish Juniper trans., 3 to 5 in.	\$20.00
" " " 5 to 8 in.	35.00
" " " 8 to 10 in.	50.00
Siberian Arbor Vitae tp., 3 to 5 in.	35.00
" " " 5 to 7 in.	65.00

These Arbor Vitae and Junipers are choice cutting plants, transplanted in field one and two years. Sample hundred of either 1 year transplanted, postpaid, for \$3.00.

American Arbor Vitae tp., 5 to 10 in.	40.00
Pyramidalis & Golden Arbor Vitae 2 yr. sdgs.	35.00
Golden Arbor Vitae 1 yr. sdgs.	15.00
Chinese and Compacta 1 yr. sdgs.	12.00
" " Arbor Vitae 2 yr. sdgs.	25.00
" " " 5 to 10 in.	10.00
Larch, European sdgs.	1 to 2 ft. 20.00
" " " 2 to 3 ft.	30.00
Pungens, Blue Spruce, 4 to 6 in.	25.00
Norway Spruce sdgs. 3 to 5 in.	4.00
" " " 5 to 8 in.	7.00
Ponderosa, Yel. P. sdgs. 5 to 10 in.	25.00
" " " 10 to 15 in.	30.00
White Pine, sdgs., 3 to 5 in.	5.00
" " " 5 to 10 in.	8.00
" " " 10 to 12 in.	12.00
Hemlock Spruce, trans., 3 to 5 in.	50.00
" " " 5 to 10 in.	70.00

SEEDLINGS, ETC.

	Per 1000
Sugar, or Rock Maple, 5 to 10 in.	\$2.50
" " " 10 to 15 in.	8.00
Silver Maple, 1 to 2 ft.	6.00
Norway " 5 to 10 in.	6.00
Am. Sweet Chestnut, 5 to 10 in.	8.00
" " " 12 to 18 in.	15.00
" " " 18 to 24 in.	25.00

Perfectly healthy grown from large selected seed.

Dogwood, Wh. Flower'g, 5 to 10 in.	10.00
" " " 10 to 15 in.	20.00
Black Walnut, 1 to 2 ft.	10.00
Tulip Tree, Yel. Pop., 1 to 2 ft.	10.00
" " " 2 to 3 ft.	15.00
" " " 3 to 6 ft.	25.00
White Poplar, 3 to 4 ft.	20.00
" " " 4 to 7 ft.	40.00
Russian Mulberry, 5 to 12 in.	4.00
" " " 1 to 2 ft.	10.00
Black Cherry (Serotina), 5 to 10 in.	2.00
" " " 1 to 2 ft.	4.00
" " " 2 to 4 ft.	8.00
Red Oak, 5 to 10 in.	10.00
" " " 10 to 15 in.	15.00
Magnolia acuminati, 3 to 5 in.	20.00

SHRUBBERY, ETC.

	Per 1000
Apple Seedlings, No. 1, 1/2 & up (10 M, \$45)	\$ 5.00
Apple Seedlings No. 2 (10 M, \$25)	3.00
" " No. 3 (10 M, \$5)	1.00
Calycanthus Floridus, 5 to 10 in.	8.00
" " 1 to 2 ft.	12.00
Judas Tree (Cercis canadensis) 1 to 2 ft.	10.00
Judas Tree (Cercis canadensis) 2 to 3 ft.	20.00
Strawberry Tree (Evonymus), 2 to 4 ft.	20.00
Japan Quince, 5 to 10 in.	10.00
Hydrangea P. Grandiflora, 5 to 10 in.	20.00
" " " 1 to 2 ft.	30.00
" " " 2 to 3 ft.	40.00
Snowball (Viburnum O. P. Sterilis), in same size and prices.	
Hydrangea, Hills of Snow, 5 to 10 in.	40.00
" " " 1 to 2 ft.	50.00
" " " 2 to 3 ft.	60.00
Japan Snowball, 5 to 10 in.	20.00
" " " 1 to 2 ft.	30.00
Yucca Filamentosa, Adams Needle, 10 M	10.00
Asparagus (10 M for \$25), 2 yr.	3.00
Asparagus, 1 yr.	1.50
Conovers, Palmetto, French Argentuil.	
Strawberry plants	2.00
Wm. Belt, Clyde Rice, Haverland, Francis Willard, Superba, Kellogg's Prize, Rubach, Sample, Aroma, Helen Davis, Warfield, etc.	

J. JENKINS & SONS, Nurseries, WINONA, OHIO

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2 1/2-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipieg Avenues

SAN FRANCISCO, CALIF.

Mention the American Florist when writing

MISS THEO

THE ROSE PINK CARNATION WHICH IS ALWAYS IN CROP

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000

Littlefield & Wyman

NORTH ABINGTON, MASS.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
White Enchantress	2.00	18.00
Zoe Symonds	2.00	18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Beacon	2.50	20.00
Champion	2.50	20.00
Joy	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Milady	4.00	35.00
Ophelia	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing

A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to call and see our stock of plants for the coming Easter and Spring trade.

Decorative and Blooming Plants

Blooming Plants for Easter and Christmas a Specialty

Take Garfield Park branch of the Metropolitan Elevated to Cicero Ave., walk four blocks north and one block west, or take Madison St. car to Cicero Ave., walk two blocks south and one block west.

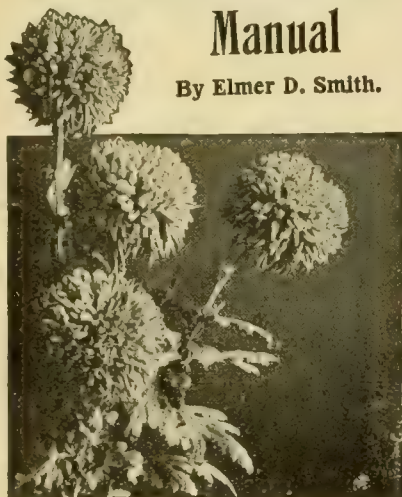
FRANK OECHSLIN,
4911 West Quincy Street, CHICAGO, ILL.

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The Chrysanthemum

Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

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Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

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CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Wonder.....	3.00	25.00
Alice.....	6.00	50.00	White Enchantress.....	\$3.00	\$25.00
Matchless.....	3.50	30.00	Rosette.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Now is the Time

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Published weekly. The Largest
Brightest and Best British Trade
Publication. Also

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Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....	\$10.00 per 1000
Ricard and Poitevine.....	12.50 per 1000
Asparagus Plumosus.....	25.00 per 1000
Petunia, 3 inch.....	35.00 per 1000
Salvia Bonfire, 3 inch.....	35.00 per 1000
Buddleia Magnifica.....	5.00 per 100
Buddleia Asiatica.....	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

75,000 Geraniums

READY NOW

Large 2 and 2½-in. pots, fine young stock. If planted in 3½ and 4-in. pots will make excellent Bedding Plants. Over 20 varieties, such as Ricard, Poitevine, Nutt, Montmore, Castellane, Buchner, La Favorite, Jean Aberle, Grant, etc., etc., at \$2.25 per 100, \$20.00 per 1,000. Send us your order today and we will ship when you are ready.

12 varieties of Ivy Geraniums, including Achievement, \$2.75 per 100, \$25.00 per 1,000. Started King Humbert Cannas, 8 to 12 inches tall, \$3.00 per 100, \$25.00 per 1,000. Try them.

Started Florence Vaughan, Martha Washington, Crozy, Crimson Bedder, Venus, Wyoming, etc., etc., \$2.50 per 100, \$22.50 per 1,000.

Very large 4, 5, 6 and 7-inch pot Dracena Indivisa, \$12.50, \$20, \$25 and \$30 per 100.

VINCA, variegated, 4-in.....	100	1,000
VINCA, variegated, 2½-in.....	\$7.00	\$65.00
FUNKIA ROOTS.....	3.00	25.00
2½-in. FUCHSIAS, 15 varieties.....	5.00	45.00
2½-in. MARGUERITES, 3 vars.....	2.50	22.50
2½-in. HELIOTROPES, 3 vars.....	2.50	22.50
2½-in. DOUBLE PETUNIAS, 15 varieties.....	2.50	22.50
3½-in. GERANIUMS, any color, full of bud and bloom.....	3.00	25.00
2½-in. VERBENAS, finest mixed.....	7.00	65.00
2½-in. CHRYSANTHEMUMS, 24 varieties.....	2.50	22.50
2½-in. CYCLAMENS, 8 varieties.....	6.00	55.00
2½-in. AGERATUM, 4 varieties.....	2.25	20.00
2½-in. SALVIA, Bonfire and Splendens.....	2.50	22.50
2½-in. CUPHEA, Cigar Plant.....	2.25	20.00

and an abundance of other stock. If you have not received our Wholesale Price List offering Spring Bedding Stock and Vegetable Plants by the Million at Bargain Prices, write for one at once.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

A Select List of Florists'

PEONIES

Secure your stock NOW.



KOHINOOR.

WHITE AND LIGHT SORTS

	Doz.	100
Charlemagne. Lilac white with blush center; fragrant, free. Late, extra.	\$3.00	\$20.00
Couronne d'Or. Snow-white, yellow reflex, very large. Late; a splendid long distance shipper.	3.00	20.00
Duchess de Nemours. (Calot.) Sulphur white with greenish reflex, cup shape.	2.00	15.00
Duke of Wellington. Very large well formed sulphur white bloom, stems very firm and long.	3.60	25.00
Madame de Verneville. Guard petals sulphur white, center delicate rose white.	2.00	15.00
Queen Victoria. White, center petals tipped carmine. large, full bloom; good cut flower.	2.00	15.00

LIGHT AND DARK PINK AND ROSE

	Doz.	100
Albert Crousse. Rosy white flecked crimson; tall, size A creamy white collar of narrow petals mingled with the white outer petals.	4.00	\$30.00
Eugenie Verdier. Delicate flesh pink, very tall, free and very beautiful. Midseason.	3.00	25.00
Kohinoor. Shell pink, very free, splendid cut flower sort. Midseason.	3.00	20.00
Pulcherrima. Outside petals flesh, center pink, fine cut flower variety.	2.00	15.00
Souv-de G. Calot. Very large bloom, satiny pink.	4.50	35.00

RED AND CRIMSON

Andre Lauries. Very large, very compact globular rose-type. Dark Tyrian-rose shading deeper.	3.00	20.00
Felix Crousse. One of the best red sorts, large double ball-shaped flowers. Free bloomer.	4.00	30.00
Louis van Houtte. Deep carmine-rose, tipped silver, with fiery reflex. Semi-rose type.	3.00	20.00
Officinalis Rubra Plena. This is the old fashioned red; the most brilliant of all reds.	1.80	12.00
President Roosevelt. Fine full bloom. Very brilliant red.	3.60	25.00

VAUGHAN'S SEED STORE

31-33 W. Randolph St., CHICAGO 43 Barclay St., NEW YORK
Nurseries: Western Springs, Ill.

Belle Washburn

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

THE BEST RED CARNATION

ROOTED CUTTINGS now ready for delivery. \$12.00
per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. We have 30,000 plants now benched in our greenhouses of which 18,000 are devoted exclusively to rooted cuttings. At our Pacific Coast Branch at Hollywood, Calif., we have 1500 plants devoted exclusively to rooted cuttings. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	\$ 2.50	
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00	
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	10.00	
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	15.00	
12 in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Geraniums, Standard var. \$2.00	\$18.50	\$3.00	\$25.00	
Heliotrope, Mme. Bruant				
and Chiffon.....	2.00	18.50	3.00	25.00
Lantanas, 6 varieties.....	2.00	18.50	3.00	25.00
Lemon Verbenas.....	2.00	18.50	3.00	25.00
Moonvines.....	2.00	18.50	3.00	25.00
Parlor Ivy.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus, (Dus-				
ty Miller).....	2.00	18.50	3.00	25.00
Swainsona, white and pink	2.00	18.50	3.00	25.00
Verbenas, separate colors.	2.00	18.50	3.00	25.00
Vinca.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

BECONIA BEGONIA

Luminosa Erfordii
SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK
OZONE PARK, N. Y.

Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Ft. Wayne, Ind.

Decorations during "Dress Up week" resulted in brisk business and pleasant weather has also helped the volume of sales. Stock of all kinds is plentiful and the demand is satisfactory. March business showed a gain over the corresponding period of 1915 and indications point to a better Easter trade than ever before.

NOTES.

Many attractive window displays have been noted at the local flower shops during the past week, noteworthy being those of A. J. Lanternier & Co., Doswell Floral Co., Edgar Werninghoff, Markey Bros. and the Flick Floral Co.

Spring flowers at 50 cents per box and special gift boxes at 75 cents and \$1 were featured by the Flick Floral Co. during "Dress Up week." This firm also had several elaborate store decorations for the occasion.

H. K.

Cycas Stems

NEW ALL STOCK SIZES

Prices: 100 LBS @ 8¢
500 LBS @ 7½¢



VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

TRANSPLANTED PANSIES

\$0.75 per 100.
Pansy Plants, Giant flowering, \$2.50 per 1000.
Coleus, 10 varieties \$2.00 per 100.
Verbenas, Petunias, Salvia, ready Apr. 20.
S. A. Nutt Geraniums, 2½-in. pots \$3.00 per 100.
Geraniums, assorted varieties, 2½-in. pots, \$2.75 per 100.
Vinca Vines, 3½-in. pots, \$6.00 per 100.

CASH

JOS. H. CUNNINGHAM
DELAWARE, OHIO

BOX WOODS--Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	35¢ each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

Mention the American Florist when writing

Spring List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.

440 So. Dearborn St.
CHICAGO.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenii, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsi, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

ALYSSUM. Little Gem, thumb pots, 1¼c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Asparagus Sprengeri, nice, clean, healthy stock, 3-in., \$6.00 100; 4-in., \$8.00 100. Cash. WM. ROETH, 1306 Rebert Rd., Springfield, O.

ASP. PLUMOSUS, thumb pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus roots, 500,000. Argenteuil and Palmetto, from selected seed. I. & J. L. Leonard, Iona, N. J.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2½-in., \$4 per 100; 3-in., \$7 per 100; 4-in., \$12 per 100. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis, mixed colors, 15 to 18 inches high, 35c. The Storrs & Harrison Co., Painesville, O.

Azaleas, deep pink and variegated, \$1, \$1.25 and \$1.50. Gullett & Sons, Lincoln, Ill.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRs CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50

ERNEST ROBER, Wilmette, Ill.
BEGONIA CHATELAINE
FINE BUSHY STOCK
IN FULL BLOOM FOR EASTER

	Per 100
4-inch	\$15.00
3-inch	8.00
2-inch	4.00

Rooted cuttings, by mail, \$1.75 per 100; by express, \$1.50 per 100; \$12.50 per 1,000. J. L. JOHNSON, De Kalb, Ill.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots	\$ 12.00
Cincinnati, 2½-in. pots	15.00
Mrs. J. A. Peterson (new), 2½-in. pots	25.00

Per 1,000 200.00
JULIUS ROEHRs CO., Rutherford, N. J.
Begonias, Cincinnati, 2½-in., \$15 per 100; \$120 per 1,000. Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Chatelaine, 2½-in., \$5 per 100; \$40 per 1,000; 3-in., \$8 per 100; \$75 per 1,000. Vernon, 2½ and 3-inch, \$4 per 100. Pyter & Olsem, Wilmette, Ill.

Begonias, grown from the finest, large flowering strains. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia, Gloire de Chatelaine, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias, gracilis, luminosa, Prima Donna and White Triumph, 2-in. pots, \$2.50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonia Chatelaine, 2½-in. pots, \$5.50 per 100; 3-in. pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRs CO., Rutherford, N. J.

Buddleia.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladium esculentum, 5-7, \$1.50 per 100; \$12.50 per 1,000. 7-9, \$3 per 100; \$27.50 per 1,000. Wm. F. Kasting, 383-387 Ellicott St., Buffalo, N. Y.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Cannas, Strong 2 and 3 eye divisions, freshly divided from clumps same day shipped. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

Canna Firebird. Best scarlet, green-leaved canna. From 3-in. pots, 25 for \$5. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.

Immediate Delivery.

	100	1,000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00

25 or more at 100 rate, 250 or more at 1,000 rate.
First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1,000
Mrs. C. W. Ward	\$2.00	\$15.00
Herald	2.00	14.00
Philadelphia	2.00	14.00
Dorothy Gordon	2.00	13.00
Washington	2.00	12.00
L. P. Enchantress	2.00	12.00
Victory	2.00	15.00
White Perfection	2.00	14.00
White Enchantress	2.00	15.00

From Soil
Afterglow 3.00 25.00
Mrs. C. W. Ward 3.00 25.00

J. A. BUDLONG, Chicago, Ill.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
Taken from the best stock sold in Chicago market. Ready for immediate delivery:		
Aviator	100	1.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	18.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00
ZECH & MANN,		
30 E. Randolph St.,	Chicago.	

ROOTED CARNATION CUTTINGS.		
Enchantress	100	1.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00
WIETOR BROS.,		
162 N. Wabash Ave.,	Chicago.	

CARNATIONS.
Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS—A1 STOCK.		
Enchantress	100	1.00
White Enchantress	2.00	17.00
White Perfection	2.00	17.00
Ward	2.00	17.00
A. T. PYFER & CO.,		
30 East Randolph Street,	Chicago, Ill.	

Fine, healthy, rooted carnation cuttings.
Best obtainable, order early.
Enchantress 100 | 1.00 || White Wonder | 2.50 | 20.00 |
	3.00	25.00
SINNER BROS.,		
158 North Wabash Avenue,	Chicago.	

Carnations. Enchantress, White Enchantress, Zoe Symonds, Philadelphia, Washington, \$2 per 100; \$18 per 1,000. Beacon, Champion, Joy, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy Miss Theo., \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, rooted cuttings of Mrs. C. W. Ward and Matchless, \$3 per 100; \$25 per 1,000. Cottage Maid will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations, extra fancy blooms. Gust. Rusch & Co., 444-446 Milwaukee St., Milwaukee, Wis.

CHRYSANTHEMUMS.

WHITE		
Smith's Advance	Per 100	Per 1,000
Early Frost	\$2.00	\$15.00
Virginia Poehlmann	5.00	50.00
Alice Salomon	2.00	15.00
Alice Byron	2.00	15.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Linwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	.....
Bonnafon	2.00	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	.....
PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	.....
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	.....

J. D. THOMPSON CARNATION CO., Joliet, Illinois.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.
Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.
Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROOTED CHRYSANTHEMUM CUTTINGS.		
Major Bonnafon	100	1.00
	2.00	18.00
WIETOR BROS.,		
162 North Wabash Avenue,	Chicago, Ill.	

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Coleus, 6 best vars., 2½-in., \$25 per 1,000. Curly Queen, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS: Yellow Queen, Lyndhurst, Nymphaea, Storm King, strong divisions, \$3.00 per 100. J. L. Johnson, De Kalb, Ill.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Marguerites, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

DAFFODILS.

Daffodils. Von Sion, 25c, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

DRACAENAS.

Dracena Terminalis, fine stock, well colored. 3-in. pots, \$16 per 100; 4-in. pots, \$25 per 100; 5-in. pots, 35c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, O.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedei, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns. Boston and Teddy, Jr. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

FERNS. From 2-in. pots, Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Ferns. For varieties, sizes and prices see advertisement elsewhere in this issue. Gullett & Sons, Lincoln, Illinois.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS		
S. A. Nutt, dark red	100	1.00
Double Gen. Grant, bright red	1.25	10.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink	1.50	14.00
THE W. T. BUCKLEY CO.,		
Springfield,	Illinois.	

25,000 geraniums, extra good stock, S. A. Nutt, Jean Viaud and Poitevine, 2½-in., \$2.50 per 100; \$22 per 1,000. 3-in., \$6 per 100; \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

20,000 geraniums, S. A. Nutt, large 3-in stock, \$5 per 100.

J. A. BUDLONG, Chicago, Ill.

Geraniums, Nutt, Pressly, Gen. Grant, 2½-inch, \$25 per 1,000. Wilmette, largest and best pink, \$50 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GERANIUMS—Double Grant, 2½-in., \$2.50 per 100; \$22 per 1,000. ISLIP GREENHOUSES, Islip, L. I.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

GLADIOLI. Mixed colors, 1¼ to 1½-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

GLADIOLI. America and other varieties at special prices. MUNSELL & HARVEY, Ash-tabula, Ohio.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS

HARDY PERENNIALS.	
Ruddleia variabilis, 2½-in.	\$5.00
Routonia asteroids, field clumps	3.00
Achillea the Perle, field clumps	2.00
Achillea Boul. de Nige, field clumps	3.00
Aquilegia Skinner, field clumps	4.00
Helianthus Maximilian, field clumps	4.00
Ranunculus Repens, field clumps	3.00
Momarda didima, field clumps	3.00
For less than 25 of one variety add 1c each. Cash please. No charge for packing.	
A. KLOKNER,	Wauwatosa, Wis.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYACINTHS.

Hyacinths, in all colors, 4-in., at 10c each. Bulbs in pans, 30c, 40c, 50c and 60c. Poehlmann Bros. Co., Morton Grove, Ill.

Hyacinths. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

Hydrangeas, mostly French varieties, 75c, \$1, \$1.25, \$1.50, \$2, \$2.50 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Hydrangeas, French and Otaksa, 6-in. pots, 50c, 75c and \$1.00 each. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, French & Otaksa, \$1, \$1.50, \$2, \$3 and \$4 each. J. A. Peterson & Sons, Cincinnati, Ohio.

Hydrangeas, French, small, medium and large plants, 25c to \$1.50. Gullett & Sons, Lincoln, Ill.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$6 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs and valley. Cold storage forcers. Vaughan's Seed Store, Chicago and New York.

LILY PLANTS.

Lily Plants. Fine, strong, heavy flowers, first-class, medium length stock, 14 to 18 inches high. For prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Lilies. Selected 9 to 10-in. Giganteums, in bud, 12½c per bud. Gullett & Sons, Lincoln, Illinois.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, coleus; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MYOSOTIS

FORGET-ME-NOTS. (Myosotis.) Good well-rooted plants \$1.00 per 100, prepaid parcel post; \$7.00 per 1,000, express. Clumps, 5 to 10 plants, each, \$3.00 per 100, by express. M. L. McCLAVE, Benton Harbor, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery Stock. Evergreens, seedlings, shrubbery, etc. For varieties, sizes and prices see advertisement elsewhere in this issue. J. Jenkins & Sons, Winona, Ohio.

ONION SETS.

Onion Sets. Clean, reliable onion sets. Write for prices and samples. Keller Bros., R. F. D. 5, East Toledo, O.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**SPECIAL OFFER.**

2,000 seeds by mail for \$1.00. 200 Asparagus plumosus, 200 Asparagus Sprengerii, 200 Draecena australis, 200 Ampelopsis Vetchii, 150 Chamærops excelsa, 150 Washingtonia robusta, 100 Cobaea scandens, 100 Australian pea vine, 100 Cassia artemisioides, 100 genista canariensis, 100 Acacia Baileyana, 100 Spartium junceum, 100 pepper tree, 100 Freesia Purity, 100 African daisy. GEORGE LEAVER, P. O. box 1049, Los Angeles, Calif.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms. For varieties and prices see advertisement elsewhere in this issue. Gullett & Sons, Lincoln, Ill.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants, Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$10.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSIES. Large flowering, strong, stocky, transplanted plants; all in bloom and bud, \$1 per 100; \$9 per 1,000. Cash with order. GUS SCHLEGEL, Olney, Ill.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANSIES, out of cold frame, fall transplanted Danish seed. Any quantity, \$1.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

PANDANUS.

Pandanus Vetchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Vetchii, \$2.50, \$3 and \$4 each. J. A. Peterson & Sons, Cincinnati, Ohio.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunia, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

PRIMULAS.

Primroses, obconica, in bloom, 4-in., \$9; 5-in., \$15 per 100. Malacoides, 3-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Primula Obconica, 5-in., 20c each. Gullett & Sons, Lincoln, Ill.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Vetchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup cannas, 2½c. Get list. Prices right. BENJ. CONNELL, Florist, Merchantville, N. J.

PRIVET, 50,000 California Privet, 18 to 24-in., 2-3 and 3-4 ft. Special bargain prices. Quotations on request. H. F. Hillenmeyer & Sons, Lexington, Ky.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each, Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

Rhododendrons. Best varieties, \$1, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.**GRAFTED ROSE PLANTS.**

Choice, young stock in 2½-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:

Russell	100	1,000
Rhea Reid	12.00	100.00
Hoosier Beauty	12.00	100.00
Ophelia	12.00	100.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00
Killarney Brilliant	12.00	100.00
Richmond	12.00	100.00

OWN ROOT ROSE PLANTS.

Sunburst	7.00	\$60.00
Cecile Brunner	7.00	60.00
Shawyer	7.00	60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, 178 North Wabash Avenue, Chicago.

YOU NEED**THE BIG MONEY MAKER,****CHAMP WEILAND.**

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequalled by any other "sport" creation of recent years. Take the tip—grow "Champ Weiland." Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1,000 for \$300.00.

MRS. CHAS. RUSSELL.

We have an elegant stock of the above, and offer grafted plants at \$14.00 per 100; \$120.00 per 1,000; own root, \$12.00 per 100; \$100.00 per 1,000.

WEILAND & RISCH,

154 N. Wabash Ave., Chicago, Ill.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in.	2½-in.
	Grafted.	Own Rt.
	Per	Per
Russell	1,000	1,000
Killarney	120.00	none
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

ROSES—BENCH PLANTS.

Lady Hillingdon	100	1,000
	6.00	50.00

BASSETT & WASHBURN,

178 North Wabash Avenue, Chicago.

FINE 2½-INCH ROSE PLANTS.

Ophelia	100	1,000
Sunburst	\$4.50	\$40.00
White Killarney	3.50	30.00
Pink Killarney	3.00	25.00
Richmond	2.50	20.00
	2.50	20.00

Two-Year-Old Bench Plants.

White Killarney	5.00	40.00
Pink Killarney	5.00	40.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG,

162 North Wabash Ave., Chicago.

EXTRA FINE YOUNG ROSE STOCK.

April Delivery.

White Killarney, 2½-in.	1,000
Pink Killarney, 2½-in.	\$35.00

For March Delivery.

Hoosier Beauty, 2½-in.	\$50.00
Sunburst, 3½-in.	100.00
A. Ward, 2½-in.	35.00

F. J. BENTHEY,

165 Wabash Ave., Chicago, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

ROSES—DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendstern	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00
ERNEST ROBER, WILMETTE, ILL.		

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00

J. A. BUDLONG,

184 North Wabash Ave., Chicago.

BULGARIA BENCH PLANTS.

3,000 Bulgaria bench plants in lots of 100 or more, \$6.00 per 100; \$50.00 per 1,000. Now ready for shipment. Will cut back to suit purchaser.

BASSETT & WASHBURN,

178 North Wabash Ave., Chicago.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Opbella, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Roses. Pot and climbers. For varieties and prices see advertisement elsewhere in this issue. American Beauties in 5½ and 6-in. pots, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 3,000 Maryland, 2½-in. pots, at \$40.00 per 1,000. Smilax, 2½-in. pots, at \$15.00 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses, hybrids and dwarf Ramblers. For prices see advertisement elsewhere in this issue. Gullett & Sons, Lincoln, Illinois.

Roses, climbing. For varieties and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, Cincinnati, O.

Roses. For varieties see advertisement elsewhere in this issue. Traendly & Schenck, 436 Sixth Ave., New York.

Roses. All the leading varieties. Gust. Busch & Co., 444-446 Milwaukee St., Milwaukee, Wis.

SALVIAS.

Salvia Bonfire, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

Salvias, 2½-in., \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

SEEDS. Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties: Stocks of Nice. (the most beautiful in the world), primulas (100 varieties), cyclamen, cinerarias, bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS. REGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Bretigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

SPIREA.

Spiraea, Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Spiraeas, pink and white, 6-in. and 7-in. pots, 50c, 75c and \$1.00. Gullett & Sons, Lincoln, Ill.

STRAWBERRIES

STRAWBERRIES. 100,000 Progressive ever-bearing strawberry plants, \$1.50 per 100, postpaid; by express, \$1.25 per 100; \$10.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

TUBEROSES.

Tuberoses, dwarf double pearl, 4½ to 6-in., \$8.50 per 1,000. J. M. Thorburn & Co., 53 Barclay St., New York.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. I. N. KRAMER & SON, Cedar Rapids, Ia.

Vinca Vines 3½-in. pots, \$6 per 100. Jos. H. Cunningham, Delaware, Ohio.

VINCAS, Oct. rooted, thumb pots, \$1.50 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3.00 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3.00 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3.00 for \$1. F. W. Walte, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock: field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Catalogues and catalogue covers. Nature reproductions of prints, flowers and ornamental shrubs. Write us. Christy Engraving Co., 183 St. Paul St., Rochester, N. Y.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS

OF AUGUST 24, 1912.

of THE AMERICAN FLORIST, published weekly at Chicago, Ill., for April 1, 1916.

State of Illinois, County of Cook.

Before me, a Notary Public in and for the state and county aforesaid, personally appeared Michael Barker, who, having been duly sworn according to law, deposes and says that he is the editor and business manager of THE AMERICAN FLORIST, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, American Florist Company, 440 South Dearborn Street, Chicago, Ill.

Editor and Business Manager—Michael Barker, 440 South Dearborn Street, Chicago, Ill.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.) Estate of E. Asmus, W. Hoboken, N. J.; M. Barker, 440 S. Dearborn St., Chicago, Ill.; W. Atlee Burpee Estate, 485 N. Fifth St., Philadelphia, Pa.; John Burton, Wyndmoor, Mont. Co., Pa.; J. D. Carmody, Evansville, Ind.; W. W. Coles, Maple Hill Rose Farms, Kokomo, Ind.; Robt. Craig, 49th and Market Sts., Philadelphia, Pa.; J. B. Deamud, 1055 Dean St., Brooklyn, N. Y.; James Dean, Freeport, L. I., N. Y.; Emresia J. Dickey, care of Byron-Reed Co., 212 S. 17th St., Omaha, Neb.; Wm. Falconer, Allegheny Cemetery, Pittsburgh, Pa.; Halliday Bros., 11 E. Baltimore St., Baltimore, Md.; Maggie Harris, 55th and Springfield Ave., Philadelphia, Pa.; Estate of Edwin Lonsdale, Lompoc, Calif.; Mrs. Catherine Mathison, Waltham, Mass.; John N. May, Summit, N. J.; F. R. Pierson, Tarrytown, N. Y.; Isaac D. Sailer, 929 Chestnut St., Philadelphia, Pa.; Estate of Louise Schiller, 2207 W. Madison St., Chicago, Ill.; H. A. Siebrecht, New Rochelle, N. Y.; W. J. Stewart, 11 Hamilton Pl., Boston, Mass.; J. C. Vaughan, 31 W. Randolph St., Chicago, Ill.; Annie G. Whitnall, 4001 Harvard Blvd., Los Angeles, Calif.; C. B. Whitnall, 026 Locust St., Milwaukee, Wis.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)

There are no bonds, mortgages or other securities outstanding against THE AMERICAN FLORIST.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security holders if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

AMERICAN FLORIST COMPANY, Michael Barker, Sec'y.

Sworn to and subscribed before me this 31st day of March 1916.

ALBERT L. KOEHLER, Notary Public.

[SEAL.] My commission expires May 1, 1916.)

MISCELLANEOUS.

Heavy shrubs for immediate effect. For varieties and sizes see advertisement elsewhere in this issue. Beaudry's Nursery Co., 700 Railway Exchange, Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Easter Plants. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

MASTICA
FOR Greenhouse Glazing
USE IT NOW.
F.O. PIERCE CO.
12 W. BROADWAY
NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed.

IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.



Emergency Pipe Clamps mend splits and rest holes in iron pipes quickly, surely and permanently. Booklet free.

M. B. SKINNER & CO.
560 W. Washington St., CHICAGO

PERFECT HOUSES

Our houses are all model buildings. Up-to-date, strong, durable, perfectly made and perfectly built. Price right.



MASONIC TEMPLE BUILDING

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otauka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High Avenue, S. E., Cleveland, Ohio.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Used For Over 30 Years By Florists



"HAMMOND'S GRAPE DUST"

Used effectively to kill Powdery
Mildew on Roses and other Plants.

USED BY THE FLORISTS FOR OVER 25 SUCCESSIVE YEARS

Sold by the Seed Dealers.
For pamphlet on Bugs and Blights address

HAMMOND'S PAINT & SLUG SHOT WORKS
BEACON, N. Y.



Remember Thrip Juice No. 2 for
Sucking Insects — IT'S CAPITAL.

Sold by Seedsmen and Supply Houses

Hammond's Paint and Slug Shot Works
BEACON, N. Y.

"A Satisfied Customer Is The Best Ad"



**This Is How a Customer of Ours Began
His Letter in Writing for His Estimate
on This Year's Addition to His Plant**

It is our constant aim to satisfy our customers by giving prompt and courteous attention to their demands, by furnishing the best materials that can be produced at a reasonable cost, by giving most suitable and durable construction and making shipments at the time wanted. Try us and give us a chance to add your name to our list of "Satisfied Customers."

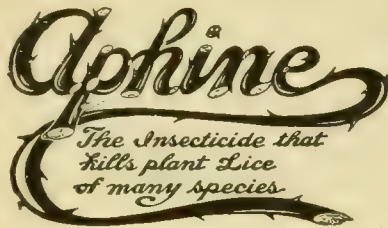
ICKES-BRAUN MILL CO.

2340 Wabansia Ave. (near Western and North Aves.), CHICAGO
Greenhouse Material Hardware Hotbed Sash

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

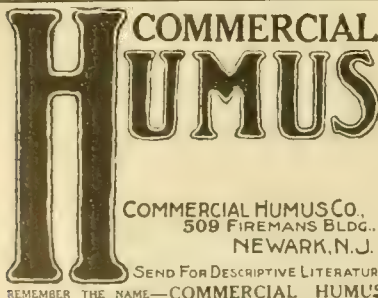
NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

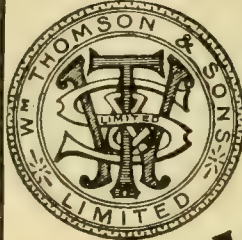
APHINE MANUFACTURING COMPANY
MADISON, N. J.



Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.



FOR SUCCESS IN YOUR
GARDEN
USE

THOMSON'S MANURES

Our Vine, Plant & Vegetable Manure, also Special Chrysanthemum Manure, are ever increasing in public favor—they embody the practical experience of many years in all branches of Horticulture, producing vigorous, healthy & fruitful growth. Sold by leading American Seedsmen. Freight paid on quantities. Liberal terms to retailers. Write for our special offer to the American trade, etc., to sole makers.

WM. THOMSON & SONS, Ltd, CLOVENFORDS, SCOTLAND.

Mention the American Florist when writing



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

Mention the American Florist when writing



NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

Mention the American Florist when writing

NICOTINE 40%

GUARANTEED BY

The GRASELLI CHEMICAL CO.

CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS

WRITE FOR PRICES

Mention the American Florist when writing

WIZARD
TRADE BRAND MARK

Pulverized Sheep Manure

Is the florists' standard of quality—always uniform and always reliable. A quick acting, powerful **natural** fertilizer, absolutely free from chemical treatment or mixture. Order by name and be sure it's Wizard Brand. Don't accept a substitute.

Remember, **Wizard Brand Sheep Manure** is packed in extra quality 25-lb. and 50-lb. bags, and attractively printed 5-lb. and 10-lb. cartons for your retail trade. There is nothing better you can offer for lawn and garden fertilizing.

WIZARD
TRADE BRAND MARK

Pulverized Cattle Manure

Cool, mild and safe for bench and potting soil. Cow manure always has had its own place in greenhouse work and always will, no matter how many chemical concoctions are put up to pull the grower's money out of his pocket.

WIZARD
TRADE BRAND MARK

Shredded Cattle Manure

Makes the best kind of mulch. Maintains uniform moisture and temperature in the benches. Can't be beat for young stock—keeps it growing strongly and vigorously. It is carefully selected, extra quality, pure cow manure. Concentrated and completely sterilized at high temperature. No mixing and no chemicals—safe and sure—and mighty convenient to have in the storeroom for every kind of use about the place. Always ready—easy to handle—a time and money saver.

**Tell your supply man you want Wizard Brand,
and then see that you get it.**

PREPARED ONLY BY

THE PULVERIZED MANURE CO.

32 Union Stock Yards, CHICAGO

KANSAS CITY, MO.

EAST ST. LOUIS, ILL.

Established 1765

Incorporated 1904

HEWS**STRONG
RED
POROUS****POTS**POT MAKERS FOR A
CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST
MANUFACTURERS**A. H. HEWS & Co., Inc., Cambridge, Mass.****WAREHOUSES:**
Cambridge, Mass. New York, N. Y.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS AND AZALEA POTS

DETROIT FLOWER POT M'Y

HARRY BALSLEY, Detroit, Mich.

Rep.

490 Howard St.

Mention the American Florist when writing

RED POTS

STANDARD AZALEAS
PANS**HARLEY POTTERY CO.,
NASHVILLE, TENN.**

Mention the American Florist when writing

Tile Greenhouse Benches NEVER ROT.

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood.

Write today for circular, showing our new "ALLTILE" Bench.

CAMP CONDUIT CO., Cleveland, O.**GEO. KELLER & SON,
Manufacturers of
Red Pots**Before buying write for prices.
2614-2622 Herndon St.
CHICAGO

Mention the American Florist when writing



Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

The Peters & Reed Pottery Co.

So. Zanesville, Ohio

WM. M. WARRIN "MOSS AZTEC" WARE I. G. KIMBLE
16 W 23rd St., NEW YORK 6 E. Lake St., CHICAGO

Mention the American Florist when writing

DREER'S "Riverton Special" Cedar Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.45	\$16.00	\$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

Henry A. Dreer, Seeds, Plants, Bulbs and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

Mention the American Florist when writing

Waterproof, Don't
Break, Costs Little

NEPONSET

Flower and Vegetable Waterproof

Paper Pots

**Vaughan's Seed Store, Agents,
CHICAGO and NEW YORK.**

Shippers may use them and save their customers many dollars in express charges

Mention the American Florist when writing

The Regan Printing House LARGE RUNS OF

CATALOGUES

OUR SPECIALTY
WRITE FOR PRICES.

527 Plymouth Place, CHICAGO

Mention the American Florist when writing



Standard Flower Pots

Porosity and Strength
Unsurpassed.

Write for prices.

A. F. KOHR

2934-36-38 N. Leavitt St., CHICAGO

Mention the American Florist when writing

Since Its Organization

The Florists Hall Association has paid
2,250 losses, aggregating 348,000.00.
For particulars, address**JOHN G. ESLER, Saddle River, N. J.**

Lock the door before the horse is stolen.

Mention the American Florist when writing

Save 25% On

Erection, Heating and Glazing.

MIKE WINANDY, JR.

Greenhouse Builder

6236 N. Lincoln St., CHICAGO, ILL.

Mention the American Florist when writing



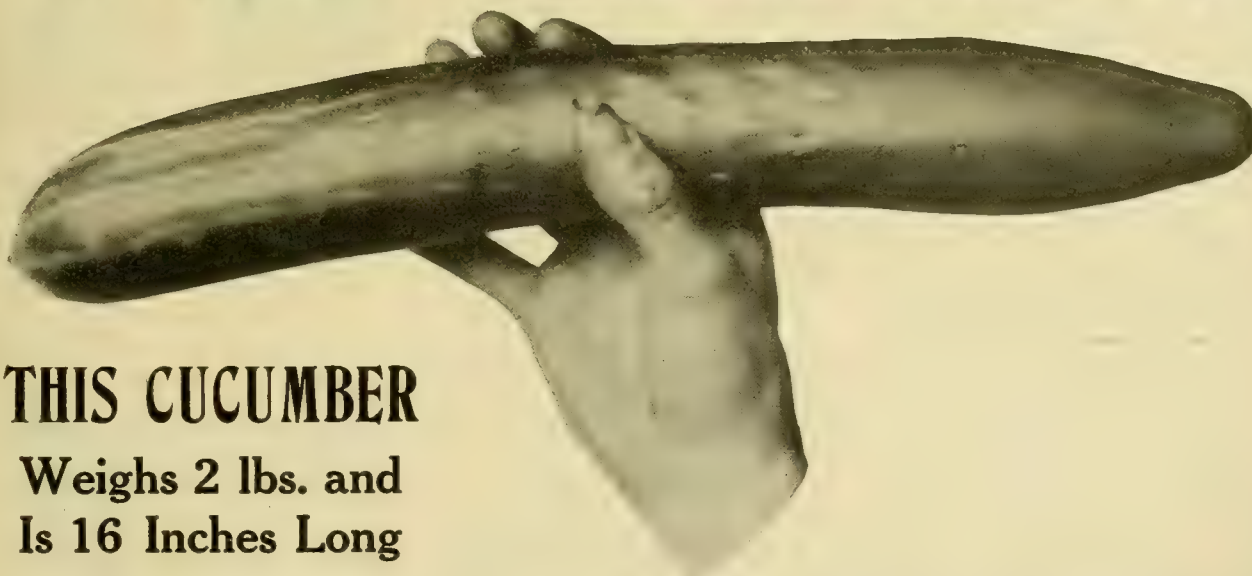
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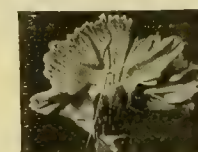
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THE AMERICAN FLORIST



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Vol. XLVI.

CHICAGO AND NEW YORK, APRIL 15, 1916.

No. 1454

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Twenty-eighth street, New York, Secretary; WM.
F. KASTING Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas.
August 15-17, 1916.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
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AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La.
August, 1916. EMIL T. MISCHKE, Portland, Ore.
President; R. W. COTTERILL, Seattle, Wash.
Secretary-Treasurer.

THE NEW YORK SPRING SHOW.

Grand Central Palace, April 5-12.

Gotham's Masterpiece.

The spring show given under the
auspices of the Horticultural Society
of New York and the New York Flor-
ists' Club was in every respect the
largest and most artistic exhibition of
its kind ever held in America. Boston,
Chicago, Cleveland, Philadelphia and
New York have at different times held
exhibitions that have excelled in some
respects those that had gone before,
and the standard of quality has been
raised time and time again, until it
was thought the limit had been reached,
but New York, however, has taken a
distinct step forward and raised her
banner to such a height that all com-
petitors will have to lay their plans a
long way ahead before they will be
able to unfurl their own in its place.
As a whole, the show was a master-
piece, finished in every detail.

The features were: First, the rose
gardens, four in number, all wonder-
fully artistic and beautiful; then the
rock gardens, the wonderful collections
of orchids, the entries of the private
estates with spaces of 200 square feet
decorated with plants and flowers, the
bulb gardens, the commercial groups
arranged for effect, the cyclamen and
primrose exhibits, all of which were
beauty spots around which the throngs
of visitors liked to linger.

Undoubtedly the rose gardens were
of the greatest interest. The display
of F. R. Pierson Co., Tarrytown, N. Y.,
which occupied a space of 500 square
feet, was a magnificent piece of work,
elegant in every detail; the fence, the
arched entrances and the pergola at
the rear with its curved garden seat
were of wood, painted ivory white.
The surface of the bed was a raised
platform with openings for the pots
which were entirely concealed. In the
center was an oval bed planted with
Teschendorf surrounding a classic
terra cotta urn around which Tau-
sendschon were trained. Between this
arrangement and the outside border of
the garden were four beds with
straight borders on their outside edges
parallel with the outside beds next to
the fence. Between the center oval
and the pergola was a sundial in
the center of a round bed of Teschen-

dorf. In the center of the beds in
front of and surrounding the pergola
were standard climbers of the Teschen-
dorf and Tausendschon varieties. A
six-inch border of grass in boxes was
arranged to fit the outline of the
various beds and the white gravel
paths gave the finishing touch to what
was easily the best rose garden ex-
hibit ever seen in this country, and
was awarded the principal prize of
\$500.

The garden of A. N. Pierson, Inc.,
Cromwell, Conn., was enclosed with a
low, rustic cedar fence entwined with
well flowered Dorothy Perkins and
Lady Gay. Hiawatha was used at
the higher corners and on the arches
of the two gates with Tausendschon
on the raised panels of the fence. Baby
ramblers in shades of pink and red and
blush Baby Elegans formed a row
next to the grass which was real sod,
beautifully green. A large rustic sum-
merhouse with bird houses all covered
with Hiawatha at the rear and a gaz-
ing glass and two stone benches com-
pleted this reposeful and beautiful gar-
den.

The English garden of Bobbink &
Atkins, Rutherford, N. J., was very
well planned, nothing being left un-
done in working out an artistic ar-
rangement. This display was sur-
rounded by a brick wall laid between
concrete pedestals, surmounting which
were vases, while black iron chains
were also used to good effect. At the
rear rose a wall high in the center
and which attached a fountain and
basin, the whole being arched over
with a latticed trellis covered with
Tausendschon. In the center of the
garden was a circular bed of white
and pink baby ramblers from which
rose a concrete pedestal, surmounted
with a gazing glass. Four beds, their
borders being outlined to conform to
the center one were planted with
hybrid teas, rising above which were
tall standard hybrids in full flower.
Border beds with marble benches were
next the walled enclosure. The wall
vases were planted with baby ram-
blers. Irregular white and gray mar-
ble slabs formed the paths, while real
grass sod bordered the beds. Spring
blooming crocuses and other bulbous



NEW YORK SPRING SHOW.

Exhibit of *Cineraria Stellata* from A. Lewisohn, Ardsley, N. Y., John Canning, Gardener.

stock and ornamental grasses formed the borders outside of the walls of this exhibit.

The rose garden of the Julius Roehrs Co., Rutherford, N. J., was well planned, the various beds being arranged on a raised platform, the paths being of seedling grass sod conforming to the contour of the beds of various shapes. An umbrella shaped arrangement of Tausendschon occupied the center and the same variety was used to decorate the covered gateways and the rustic fence enclosing the display. Hybrid teas and polyanthas of the baby rambler type were the varieties used in this garden.

Rock gardens were a great feature. That of A. N. Pierson, Inc., was wonderfully worked out, some of the granite rock being of tremendous weight for such work. *Daphne Cneorum* was used to good advantage, while *andromeda*, *Azalea mollis* and other flowering shrubbery, columbine, variegated *funkia*, *auricula*, *primulas* and evergreens were prominent features. Stone walks wound through the garden and about the little stream and ponds that helped materially to heighten the general pleasing effect.

Bobbin & Atkins' display in this class was a mound of tuba rock, with a curved path of pebbles dividing the upper and lower sections. The plantings were of irises, candytuft, *phlox*, columbine, lily of the valley, *dielytra*, *auricula*, ferns, variegated grasses, etc. The top border was of laurels, azaleas and rhododendrons. Sedums and cacti were also used to good effect. This exhibit won second prize.

The Julius Roehrs Co.'s rock garden was very pretentious and enormous



F. R. Pierson.

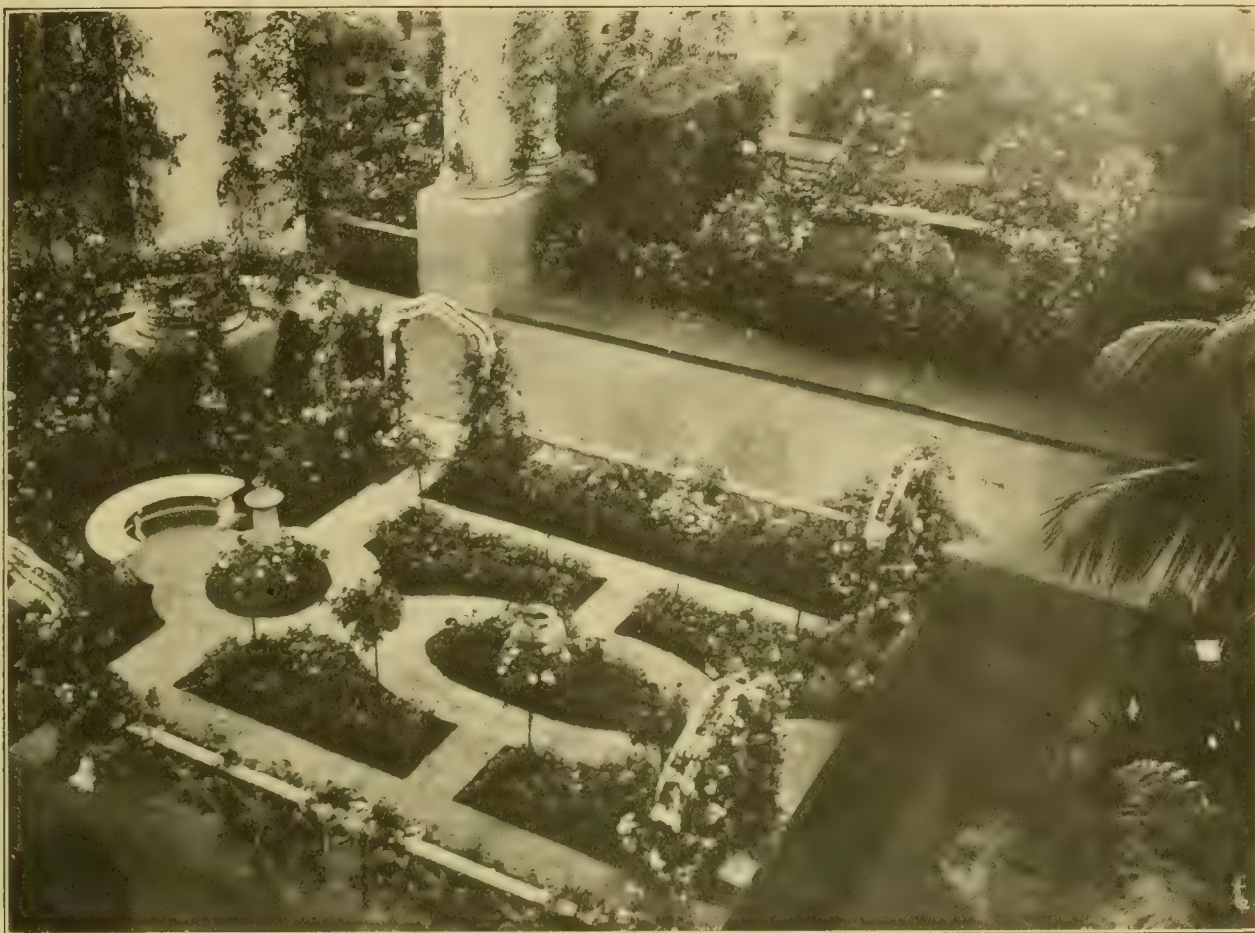
Chairman Flower Show Committee.

quantities of volcanic rock was used in its construction, the mound at the rear reaching a height of at least eight feet. The center represented a grotto and pool into which a waterfall was musically falling. Dwarf evergreens, *Azalea mollis*, Japanese maples, *andromeda*, *Daphne Cneorum*, peonies and wallflowers, with a number of herbaceous plants in flower were the plant features. Hardy

ferns looked very natural in the stonework about the pool and waterfall. It was a very complete and beautiful exhibit.

The private growers' collections of flowering plants and bulbs covering 300 square feet was most elaborate and beautiful. There was a great wealth and variety of material and the greatest attention to detail was noticeable in the arrangement of the groups. Adolph Lewisohn's exhibit (J. Canning, Supt.) was gorgeous in its wealth of bloom. Pink Pearl rhododendrons, lilacs, cinerarias, azaleas, daisies, *Primula malacoides*, *genistas*, daffodils, *spiras* and quantities of other plants in full flower were bewildering in their color effect. This display was awarded the blue ribbon. The second prize was captured by F. E. Lewis, Ridgefield, Conn. (J. W. Smith, Gr.). This exhibit contained many large plants. A tall, green lattice with climbing roses and geraniums in pots attached to the back of the frame, together with *Azalea mollis*, *Rhododendron* Pink Pearl, quantities of bulbs, *spiras*, *anemones*, *ixias* and Easter and calla lilies all combined to make this display a riot of color. Two well-flowered laburnums were also a noteworthy feature. The exhibit of W. B. Thompson, Yonkers, N. Y. (R. M. Johnston, Gr.) took third honors. The feature here was a succession of rose arches magnificently covered with Dorothy Perkins and Lady Gay. Moss covered steps carried these arches one above the other, producing a very fine effect. Large acacias, cinerarias, and a pair of *vexillarium*, splendidly flowered, were prominent features.

Displays of bulbs covering 200 square feet staged by commercial



NEW YORK SPRING SHOW ROSE GARDENS.

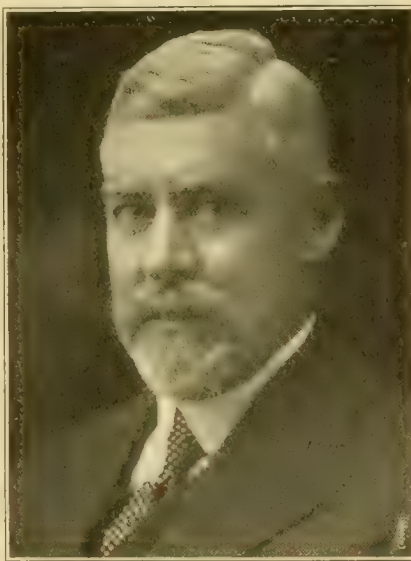
F. R. Pierson Co.'s First Prize in Foreground. A. N. Pierson's Beyond.

growers were effective. John Scheepers & Co., New York, were awarded first prize for an elaborate exhibit in garden effect surrounded by a box bush edging. A circular border encircled a large star-shaped bed, edged with box and beds filled with daffodils, tulips, hyacinths and jonquils were arranged to produce the best color effect. A silver medal was also awarded this firm for a collection of special narcissi of new and rare sorts.

In the display of bulbs in flower exhibited by private growers, D. J. Reid, Irvington-on-Hudson, won first prize with a splendid assortment of hyacinths, tulips, daffodils, lily of the valley and Easter and rubrum lilies. Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), was second with a nicely arranged grouping of all popular spring varieties and Easter lilies.

The rhododendron section contained some splendidly flowered and very well shaped plants. In the class for commercial growers, Bobbink & Atkins' collection covering 150 square feet of space was first and also took first honors in both the six-plant and three-plant competitions. A. N. Pierson, Inc., being second in the two last named classes. The Julius Roehrs Co.'s group covering 150 square feet was second.

The azalea exhibits showed high class. The standard in this, and in fact in all other sections, is being raised very rapidly. The entries of A. N. Pierson, Inc., were all very fine and were awarded the first prize for group covering 150 square feet. This firm also took second honors in the classes for specimen, six plants and three plants. The Julius Roehrs Co.



Superintendent Arthur Herrington.

National Flower Show, Philadelphia. Annual Spring Show, New York.

staged some magnificent specimens and was awarded blue ribbons for single specimen, and in the classes for six plants and three plants; also second in the competition for group of 150 square feet.

The amaryllis class never before brought forth such excellence; the

flowers were huge and brilliant in coloring. Howard Gould, Port Washington, N. Y. (Wm. Vert, Gr.), won the first premium in both the 25 and 12 plant classes. Mrs. D. Willis James, Madison, N. J. (W. H. Duckham, Gr.), being second with 25 excellent plants. John Scheepers & Co. were awarded a silver medal for a special display of about 50 varieties of narcissi in pots.

In the section devoted to flowering plants and bulbs staged by private growers, Mrs. A. M. Booth, Great Neck, L. I. (E. Tarbel, Gr.), had a splendid collection, beautifully arranged—a white lattice fence built high in the rear was covered with rambler roses. There was a great variety of forcing bulbs, with grape hyacinths and snowdrops a feature in the foreground.

The orchid display was a great feature of the show; all the most beautiful and rare varieties that it was possible to have in flower at this time were to be seen—miltonias, laelias, oncidiums, cypripediums, phalaenopsis, dendrobiums and cattleyas, the latter in great profusion of magnificently flowered specimens. A number of the beautiful brassia-cattleyas were shown; one, a pure giant white, in the collection of Clement Moore, Hackensack, N. J. (J. P. Mossman, Gr.), was really wonderful, as was also a pink brassia staged by Geo. Schlegel, Brooklyn, N. Y. (Stephen G. Milosy, Gr.). These two plants were surrounded at all times by admiring throngs. The miltionias and the phalaenopsis and odontoglossums in the exhibit of Arthur N. Cooley, Pittsfield, Mass., (Oliver Lines, Gr.), were almost sensational in their variety and excellence.



NEW YORK SPRING SHOW.

Bulbous and Other Flowering Plants Exhibited by W. B. Thompson, Yonkers, N. Y., R. M. Johnson, Gardener.

The department of parks, Borough of Manhattan, staged a splendid group of foliage and flowering plants. There were some very fine specimen hydrangeas in the white, pink and blue sorts. Frederick H. Dressel, Weehawken, N. J., carried off first prizes in all the classes. His plants were wonderfully well grown.

In the commercial class for climbing roses, A. N. Pierson, Inc., staged magnificent plants. His specimen Tausendschon, Hiawatha and White Dorothy Perkins being superbly flowered. Elizabeth Zeigler, a red sport of Dorothy Perkins, looks like a valuable addition, receiving first for best new rose not in commerce.

Julius Roehrs Co. won first with 25 pots *Lilium giganteum*.

There were majestic specimen palms all about the hall—*arecas*, *caryotas*, *rhapis*, *kentias*, *Phoenix Roebelenii*, *cycas*, *dracenas* and tree ferns. *Goniophlebium subauriculatum*, with its long 10-foot fronds, was a conspicuous feature.

In the blooming section of hard wooded plants there were several fine *acacias*. Magnificently flowered *genistas* were great features and wonderfully flowered specimens of the broom, *Genista officinalis*, attracted attention.

Marguerites, such as are seldom seen, came from the Bellevue Farm, New Brunswick, N. J. (Geo. H. Pen-son, Gr.), and in the commercial class from Madsen & Christensen, Wood Ridge, N. J. They were complete balls of white, five to six feet in diameter.

There were extraordinary specimens of *Cineraria stellata*. There have never been finer or better flowered plants staged at a show in this country.

W. B. Thompson, Yonkers, N. Y. (R. M. Johnson, Gr.), staged some splendidly colored *crotons*, his 12 receiving first prize. J. Hood Wright, New York, won second. Specimen ferns were also a noteworthy part of the Thompson exhibit. His group of ornamental foliage plants, 100 square feet, composed of *crotons*, *dracenas*, *pandanuses*, *marantas*, etc., was easily first. He was also first for the six best specimen foliage plants. F. R. Pierson Co. won first with 12 tree lilacs with great heads of bloom; also for best three *thrysacanthus* or bottle brush. The Pierson display of *nephrolepis* sorts was, as usual, a feature. It was great in its variety and culture. *Primula malacoides*, white, and light and dark pink, were seen in the greatest perfection.

Specimen plants of *farleyense* of the Roehrs Co. won first; they were grand plants.

Pimelea rosea, a new plant, was staged by A. N. Pierson, Inc. This looks like a splendid hardwood plant with pink flowers. *Abutilon Seyboldi*, a variegated dwarf growing variety, with orange flowers, was also exhibited by this firm. There was a magnificent plant of *Farleyense gloriosa*, staged by Gov. Beeckman, Newport, R. I. (J. D. Urquhart, Gr.). A plant of *Asparagus Sprengeri*, staged by Mrs. Oliver Hoyt, Stamford, Conn., received honorable mention; a truly beautiful specimen, as was a plant of *A. cuneatum*, four feet through, which won first prize.

In the commercial class for *spireas*, Bobbink & Atkins staged well flowered specimens that won first.

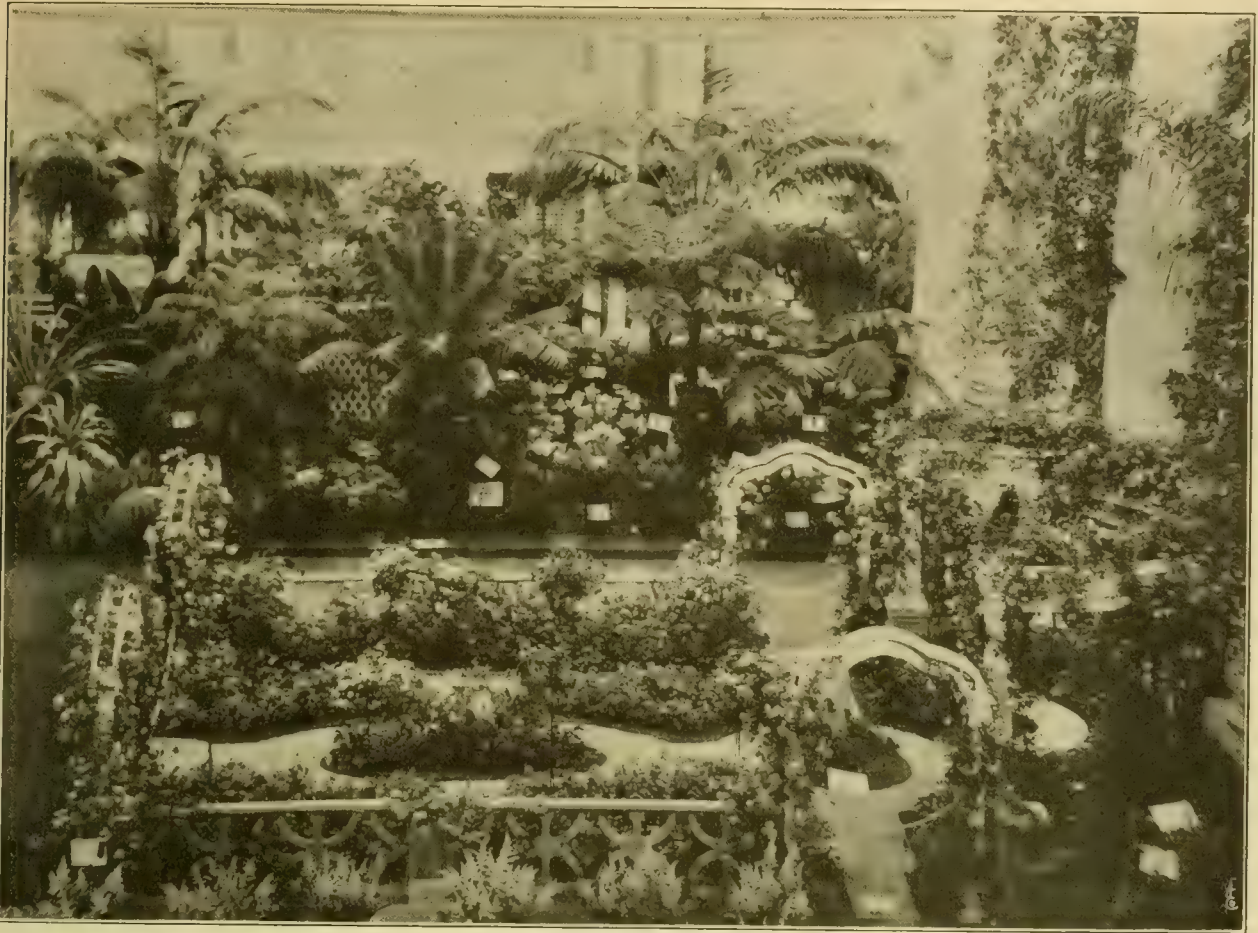
In the rambler rose class for private growers, F. E. Lewis, Ridge-

field, Conn. (J. W. Smith, Gr.), won first with an assortment of well flowered plants.

Mrs. Henry Darlington, Mamaronck, N. Y. (P. W. Popp, Gr.), won a silver medal for an exhibit covering 300 square feet. A rock work of cork bark was a feature here, as were a number of *laburnums*, with their beautifully tasselled blossoms.

Knight & Struck Co. won a first prize for a collection of new Holland plants, which consisted of *acacias*, *ehorizemas*, *sedums*, *ericas*, etc.—a wonderful and varied exhibit.

In the balcony, the display of *Primula obconicas* was wonderful in its variety and coloring. Ralph Pulitzer, Manhasset, N. Y. (Fred Hitchworm, Gr.), won first for the best six, each plant having at least 25 large, geranium-like heads of bloom. There were at least 100 plants in competition in this and other classes, almost as good. The *cyclamen* were also remarkable. It has never been our pleasure to see the like before—such giant flowers, such brilliant colorings and quantity of bloom were a revelation of what careful selection of seed and attentive culture will do. A collection of *nemesias* in separate colors was interesting. The *schizanthus* specimens were enormous, like the giant *chrysanthemum* plants of old. First prize for six plants went to C. K. G. Billings, Oyster Bay, N. Y. (James Bell, Gr.). These plants covered a space of at least 300 square feet. Specimen *hydrangeas* in the private growers' class were also arranged along the balcony aisles. There were also groups of Easter lilies, splendidly flowered. *Celosia cretica* was an interesting plant with its spikes of mullein-like flowers.



NEW YORK SPRING SHOW.
View Across the F. R. Pierson Co.'s Rose Garden.

On the east balcony was placed the groups of commercial growers, covering 300 square feet. The Julius Roehrs Co. won first honors with a superb collection containing a great variety of rare and well-grown plants. These were arranged in mound form. A very striking plant of *Medinilla magnifica* superba heavily flowered was in the center and standard genistas, *Acacia pubescens*, dracenas, variegated pine-apples, marantas, crotons, anthuriums, with their brilliant flowers, flowering begonias, amaryllis and other flowering plants were combined to make a beautiful picture. The ground work was covered with tradescantias and panicum, looking as if it had grown there.

A. L. Miller, Jamaica, N. Y., won second. He staged a splendid lot of flowering plants and palms; everything to be found in the Easter collection was seen here. It made a great showing. Bobbink & Atkins also staged a collection of superbly grown plants, palms, dracenas, pandanus, azaleas, rhododendrons and other flowering stock, which made a splendid color effect. This firm's evergreens received special mention and a blue ribbon for collection of forced shrubbery; also a first premium for large group—25 plants of conifers.

Emil Savoy, Secaucus, N. J., won the blue for 100 square feet of bougainvilleas—plants in all sizes from 3-inch pots up to 10-inch tubs. They were trained as arches, baskets, globes and pyramids, and were a splendid commercial lot.

The center tables running the length of the south gallery contained the ex-



John Young.
Secretary Flower Show Committee.

hibits of bulbous stock and flowering herbaceous plants in pots. All the classes, hyacinths, tulips, daffodils, etc., were well filled, the Darwin tulip being especially fine. A bed of English primroses in many shades of color was a choice entry. They were from Mrs. H. Darlington, Mamaroneck, N. Y. A collection of 50 plants of gloxinias, splendidly flowered, which were

awarded a silver medal, were staged by Geo. J. Gould, Lakewood, N. J.

There were several exhibits of cut pansies and pot plants in full bloom which made a good showing. Hybrid calceolarias, in a dozen different colors, were a beauty spot. Cineraria hybrids were well represented by some superbly flowered plants; the wealth of bloom, with size and coloring, put them into the highest class. Cut snapdragons were displayed here—splendid spikes of bloom. Guttman & Raynor, Inc., New York, staged a vase of 50 pink for the Florex Gardens, North Wales, Pa., that took first prize, while Paul T. Richwagen, Needham, Mass., was second. Some of the entries of private estates were superb, notably the vase of yellow and dark red by Governor Beeckman, Newport, R. I., which won first prize. Cut stock gillyflowers were also staged; at this time there were some splendid spikes seen.

Thursday was carnation day. Cottage Gardens Co., Queens, N. Y., won first in the class covering 150 square feet. Pink Ward and Matchless were the varieties, all huge flowers and extra long stems, gracefully arranged in floor vases on a green carpet. Strouts, Biddeford, Me., was second with seven splendid basket vases of choice flowers.

The commercial cut rose exhibit brought out some splendid stock. Cromwell Gardens (A. N. Pierson, Inc.) staged vases of splendid flowers; their Mrs. Shawyer, White Killarney, Ophelia, Francis Scott Key, Hoosier Beauty, Killarney Queen and Killarney Brilliant were all very high class blooms. F. R. Pierson Co. exhibited splendid American Beauties, Ophelia,

Mrs. Ward, Hoosier Beauty, Killarney Queen, Richmond, Killarney Brilliant and Francis Scott Key. Robert Simpson, Clifton, N. J., won blues with his Ophelia, Mock and Mrs. Aaron Ward. A. S. Burns, Jr., had a sensational vase of Hadley, the most magnificent vase of roses in the show. L. B. Coddington, Murray Hill, N. J., was present with blue ribbon Sunburst and Crimson Queen.

French & Salm, Union Grove, Wis., captured first with their unbeatable Mrs. Russell—a truly superb vase.

Guttman & Raynor, Inc., staged for the Florex Gardens a vase of their sport of Killarney and 50 choice blooms of their Rose Prima Donna (Mrs. Paul Euler); also vases of Cecile Brunner and George Elgar. W. B. Thompson, in the private growers' class, staged a number of vases of well-grown cut roses. Daniel Guggenheim, Elberon, N. J., exhibited Radiance with stems six feet in length. A. M. Booth, Great Neck, L. I., had a vase in the class for 25 blooms that was very fine. Howard Gould, Mrs. F. A. Constable, Mrs. John Crosby Brown and Hamilton Farms were also exhibitors in the private growers' class.

Retailers' Exhibits.

Of great interest to the retail florists were the booths and displays of the members of their craft. There were not many represented, when one considers the extent of this branch of the trade in New York, but the quality was very high, particularly that of G. E. M. Stumpp, Max Schling and Alfred Kottmiller. All went to considerable expense, some paying as much as \$300 for the bare floor space and erecting elaborate booths and platforms on which to decorate and display their wares. As the show progressed, however, all were satisfied and report business in almost every case greater than their expectation.

G. E. M. Stumpp had a very large space, handsomely fitted up with a vine covered pergola. This covered 600 square feet, divided in three sections, one devoted to a varied assortment of the latest in terra cotta vases, bird baths, jardinières and other ornaments for the garden. In the central section, elegantly tinted bowls in all the newest shapes, from very wide and shallow flowered dishes to the deeper bowls, with or without feet or stands were arranged. The rapidity with which these various forms and styles of vases are being introduced shows how the taste and demand is increasing for flowers. A new glass vase has a number of tubes extending from a globe-like base, thus permitting a better display of the flowers. All kinds of holders and bowls with flowers arranged to show their purpose and capabilities, filled the third section. Taken altogether, it was the most complete and practical display ever made by a retail florist. From a business standpoint Mr. Stumpp says it was a great success.

The Nippon, or Japanese Garden Co., Inc., made a very unique display. A life sized wax figure of a lady, clothed in a growing ivy and Evonymus radicans trimmed dress, dotted with yellow daisies was very realistic. Japanese gardens, dwarf trees and a model of a Japanese home, were also features.

Alfred Kottmiller, of Madison avenue, made a very up-to-date display with the latest novelties in block glass bowls, all artistically filled with choice flowers. Bird cages, birds and butterflies for decorating flower bowls were specialties. A latticed vine-covered roof extended over the

space which was enclosed at three sides with cobwebs of fine cord on which were immense spiders. Mr. Shaeffer and Mr. Duffy were in charge.

The Julius Roehrs Co. fitted up an elegant latticed booth for their retail department. The front and facade were of heavy columns, making a very imposing appearance. Sample evergreens, hawthorns, palms and rhododendrons, Japanese maples, etc., and a box along the center filled with Begonia Mrs. J. A. Peterson, gave a good color effect.

F. R. Pierson Co.'s retail space was a beauty spot at all times with splendid ferns and rambler roses. The roses, brought from the competitive exhibit to make room for the carnations and renewed from time to time, helped to make this one of the most attractive retail displays. Bobbink & Atkins' corner was decorated with an immense picture of their place at Rutherford, N. J. Flowered rhododendrons, trimmed box trees and fruit trees were features.

Max Schling's 20x30 feet of space was a raised platform, six inches high, carpeted with green velvet, on which, with plenty of space between, was placed the various articles of his exhibit. There were cork and birch-bark boxes, elegantly filled with flowering plants. A number of large egg-shaped receptacles, with the figure of a Dutch boy or girl perched on the side, are ideas of Mr. Schling, for

which he has applied for a patent. The material is plaster and cement composition, colored, the egg white, and the clothing of the children any desired colors. Zinc linings are used as in ordinary baskets. These are from 24 to 30 inches in length and of proportionate size in other respects. Baskets and small egg-shaped flower holders with bisque figures were filled with flowers. There was a table decoration of Sunrise roses and pansies; also, a mound of a polyantha, pink, rose-like baby Tausendschon, called Gretna Kluis, for which he receive a certificate of merit. The space was enclosed with a series of white posts connected with pink cord. On top of each post were boxes filled with his new rose and two larger ones of pink hydrangeas. At the rear were two tall columns 10 feet in height, surmounted by Tausendschon roses, while between was a large panel with a life size plaster figure of a winged female ringing a bell, with an inscription over the arch at the top. This read: "Ad Gloriam Dei-Et Pagem in Mundo." "In God We Trust; peace to all men." It was a very striking exhibit.

Cromwell gardens (A. N. Pierson, Inc.), made a gorgeous display with their climbing roses. A rustic summer house in the center contained their catalogues and literature and there orders were taken and four attendants were kept busy all the time. It looked like a splendid business



DREER'S EXHIBIT AT THE NATIONAL FLOWER SHOW.



SCRANTON SPRING SHOW, GENERAL VIEW.

proposition. Vases of cut roses were also a feature.

The Knight & Struck Co.'s space contained samples of their specialties. A light blue background partially enclosed the exhibit and was in keeping with their great catalogue, a blue covered book of plants and flowers that is as ambitious as anything in the catalogue line ever offered by the trade. They report a splendid business. Mr. Knight was in attendance.

Chas. H. Totty's booth contained a great variety of his specialties, among them Georgeous and Cleveland roses, the latter being awarded a silver medal. It is a coppery pink in color. Vases of Hoosier Beauty, Baby Doll, chrysanthemums in flower, delphinium seedlings and the new Buddleia Asiatica were also displayed. John Scheepers & Co.'s bulbs, specialists' literature and chromoscope showing flowers in colors, made an interesting exhibit.

The Carnation Display.

There was a very good showing in the carnation section, although not much of a variety, due no doubt to the superiority of the newer sorts which appear to outclass the old favorites. The display was made on the west balcony, taking the place occupied by the roses the previous day, these being given places of prominence on the main floor, and though they were placed a trifle low, ample space was allowed for their inspection. In the carnation competition, there was keen rivalry among the private growers. There were 13 vases of white, 12 of light pink and the same of red. Of the dark pink, striped, yellow and crimson there were but 12 vases. There was but one vase of 150 blooms, but it was of very high class and was staged by D. G. Reid, Irving-

ton, N. Y. In the commercial classes the varieties staged were Cottage Maid, Pink Delight, Pink Sensation and Laura Weber, pink; Peace, Crystal White and Matchless, white; Beacon and Red Wing, red; Pocahontas, crimson; Benora and sport of same, striped.

Commercial Cut Roses.

In the commercial displays of cut roses occupying 200 square feet, quantity up to 1,000 flowers, and foliage, vases and other accessories permitted, artistic arrangement, as well as quality of flowers, to be considered, there were two entries, the competitors being F. R. Pierson Co., and A. N. Pierson, Inc., who appear to be always in the race. Both exhibits were truly remarkable—superb flowers were selected, as well as the choicest cibotiums, farleyense and other ferns and greens, to add further embellishment.

A. N. Pierson, Inc., used elegant vases—the two largest, of Rookwood pottery, were worth three and four thousand dollars each, total value of all the vases used was estimated to be over \$10,000. The roses displayed were three vases of Ophelia, three of Killarney Queen, and one each of Hadley, Mrs. Geo. Shawyer, White Killarney, Lady Alice Stanley, Mrs. Aaron Ward, and Killarney Brilliant. The arrangement of the various vases was carefully studied to get the best color effect and at the same time show the beautiful outlines of the vases.

The F. R. Pierson Co.'s entry was arranged across the middle section, opposite its garden. There were eight vases and baskets, superbly arranged and staged to show every flower to the best advantage, with farleyense, cibotium and nephrolepis as a background. A vase of American Beauties

standing 10 feet in height, reaching within four feet of the floor, was the feature of one side. In the center was a vase of Ophelia with a basket of superb Killarney Queen at the other end. White Killarney, Francis Scott Key and Richmond were the other roses.

Both of these displays were truly magnificent, and it was only after the greatest deliberation that the committee decided in favor of A. N. Pierson, Inc.

The Sweet Peas.

Saturday was "Sweet Pea" day. The display, both in quality and variety, was all the most ardent admirer of this lovely flower could wish for. There were three entries in the exhibits to cover 100 square feet. That of Wm. Sim, the noted Boston grower, contained 24 vases of from 50 to 100 sprays. Zvolaneck's collection comprised 27 vases of 19 varieties, many of them new and as yet unnamed.

The classes containing 100 sprays each had a number of entries, the flowers in nearly all being exceptionally fine. The principal varieties noted were Orange Orchid, Belgian Hero, Venus, Mrs. Skaach, Yarrowa, Rose Queen, American Beauty, Lavender Orchid, Blue Bird, Mrs. Spanolin, Pink and White Orchid, White Orchid, Orchid Beauty, Red Orchid, Pink Sensation, Morning Star, Nubian, Lady Eyre, and Mrs. E. Burke.

There were 12 decorated tables in the private growers' class. Only sweet peas were allowed with additional other foliage. There was no originality displayed in the decorations. One exhibitor used as a center, a tripod holding a bowl for the flowers, while the other eleven arranged pink peas in tall slender center vases of silver, with from four to five small

silver vases at equal distances around the table. Corsages and boutonnieres were a part of each display. All the tables contained silver, glass and china, being well furnished in this respect. The winning table used Mrs. Skaach, which were very tastefully arranged.

New York Florists' Club "Din Dan."

The "Din Dan" or dinner dance of the New York Florists' Club, which has grown to be an annual social event, and to which the members take their wives and sweethearts, was held in the grand ball room of the Biltmore hotel, Saturday evening, April 8. To say that the affair was a success is putting it mildly—it was a triumph, and T. B. DeForest and Walter F. Sheridan of the dinner committee are to be congratulated for their very satisfactory arrangements. The feature, aside from the good menu, was the "lucky number" dance. The dinner tables, accommodating from 10 to 12 persons each, were arranged under the balcony, leaving the center of the floor space for dancing, which was indulged in between each of the courses. At the end of the dinner there was a grand march, in which everybody joined, and were handed numbered tickets as they passed the committee. The band then played several bars of a two-step, after which some six or eight numbers of the hundred couples on the floor were called and these had to drop out. This was continued until but two couples were left, Mr. and Mrs. Daniel Sullivan and Mr. and Mrs. Chas. W. Schenck. Mr. and Mrs. Schenck proved to be the lucky couple and were presented by President Weston with two beautiful silver cups, which had been donated for the purpose by the Lord & Burnham Co. Mr. Schenck said his wife and he would cherish them as souvenirs of a very happy occasion.

Patrick O'Mara, in his usual clever style, presented Harry Bunyard, ex-president of the club, with a gold watch. He spoke of the good and loyal interest that Mr. Bunyard had always taken in the club's affairs for the past 25 years, to which Mr. Bunyard, after thanking the club for the gift, said he hoped to do so for 25 years more. Robert Craig made a good address. He stated that the present exhibition was the greatest achievement in the history of floriculture in New York City. Prominent horticulturists were now being considered as leaders on a par with other men of science; doctors by their hygienic work in the Canal Zone had made it a health resort, and it remained for the florists or nurserymen to make it one of the beauty spots of the earth. Many useful subtropical plants could be grown in the West Indies that would be a great help to the craft here. Richard Halleman, president of the International Co., showered praises on Messrs. Pierson, Young, Herrington, Totty and others, who by their planning for the past six months had made the show the great success that it is. He said he felt sure that with such good management, the future exhibitions would show even greater results.

From the success of this well planned affair, the "Din Dan" will be an annual event in the club's festivities.

Interesting Items.

An event of interest on Friday was the visit of Theodore Roosevelt. Crowds gathered on the steps inside the entrance to such an extent that he could scarcely get through. He was received with handclapping and cheers. F. R. Pierson, chairman of the show committee, escorted the distinguished

visitor, who was much interested and congratulated Mr. Pierson on the excellence of the various exhibits. He was delighted with his rose garden, saying he would like to have it at Oyster Bay, to which Mr. Pierson said nothing would please him better than to send it there.

An exhibit that attracted the visitors was the glass case containing orchid plants, showing the evolution of an orchid from fertilization to a plant in bloom. There was a plant with a seed pod, the fine seed, the seed sown and young plants from their first appearance in various stages to maturity. Clement Moore (J. P. Mossman, gardener) was the exhibitor.

The orchid men, whose displays are always a strong feature of the show, do not see why they should not be entitled to as much money in premiums as the rose gardens, which, while admittedly great attractions, are not to be compared in value to the orchids. They will make a strong claim for such recognition in the next schedule.

In the sweet pea exhibit, the great similarity of many of the flowers entered under different names was a lively topic among the specialists. It appears as if the nomenclature committee of the American Sweet Pea Society will have their hands full to straighten out this condition.

Max Schling's exhibit was kept attractive throughout the show, new basket and floral arrangements being added daily. A shower bouquet made entirely of the separate plants of white Dutch hyacinths was a feature. It was effective and much admired.

Window boxes for outside and indoor decorations were placed at intervals on the railing of the balcony; they were in great variety. One, a yellow box, with blue raised panelling and trellis, was filled with calendulas and yellow climbing roses in full flower, making a unique color effect.

The F. R. Pierson Co.'s rose garden was awarded the sweepstakes prize for the finest exhibit in the show. This was a large silver cup of handsome design. It is said this garden cost nearly \$3,000. The first prize is \$500.

The tradesmen, particularly those whose exhibits and stock offered, interested the general public, were to a man delighted with the results, very good sales and future prospects being reported.

The Secaucus Exotic Nursery, Secaucus, N. J., added much to the embellishment of the hall with its large specimen palms, ferns and boxwood.

The attendance and interest shown by the public was very gratifying to the management, all box office records of previous shows being broken.

A collection of Ponderosa lemons, heavy with fruit, and oranges in flower from A. L. Miller, Jamaica, N. Y., was interesting.

A great many representatives of the trade came on from Philadelphia, but unfortunately there was no visitors' register here.

The Alphano Humus Co.'s grassy banks adorning their display were very luxuriant and life like.

Mrs. Potter Palmer, of Chicago, was a delighted visitor.



MISS CHICAGO'S NEW EASTER OUTFIT

EASTER AND PRIMARY—A WINDY MEDLEY IN CHICAGO.

(From the Chicago Daily Tribune.)

Condensed Comment.

Seedsmen and plantsmen in and about New York did not fail to take advantage of the daily press publicity and set along side of such their advertising cards in liberal numbers and of good size. The planting season opened opportunely.

Express deliveries of plants were notably slow. The American took 48 hours from Philadelphia to the Grand Central Palace. Chairman Pierson considers only local auto trucks effective for this work.

Privelege sales can be overdone. The public comfort end compared poorly with western shows. Not a free pure water fountain could be located where a dozen were actually needed.

Calla Elliotiana, exhibited by the Julius Roehrs Co., Rutherford, N. J., attracted considerable attention. The bulbs were potted January 1.

Commercial houses reported here, as in Philadelphia, a very good booking business, private gardeners being on hand in large numbers.

With three inches of dirty snow along the sidewalk gutters and snowing all day, the Saturday afternoon attendance was good.

The daily papers of Saturday, April 8, and Sunday, April 9, gave very liberal space to the show and to all garden matters.

Fakirs barked odds and ends freely in the gallery, contrary to rules in well ordered flower shows.

Gretna Kluis.

Max Schling telegraphs as follows as we go to press, April 12: "Certificate of merit for Rose Gretna Kluis was awarded to Kluis & Smith and not to Max Schling."

The Awards.

Plants in Flower—Private Growers.

Acacia, 3 plants—Mrs. F. A. Constable, Mamaroneck, N. Y. (Jas. Stuart, Gr.), 1st; D. C. Reid, Irvington-on-Hudson, N. Y. (A. M. Golding, Supt.), 2nd.

Acacia, specimen, any variety—F. E. Lewis, Ridgefield, Conn., 1st; Mrs. H. Darlington, Mamaroneck, N. Y., 2nd.

Amaryllis, 25 plants—Howard Gould, Port Washington, N. Y. (Wm. Vert, Gr.), 1st; Mrs. D. Willis James, Madison, N. J. (W. H. Duckham, Supt.), 2nd.

Amaryllis, 12 plants—Howard Gould, 1st.

Azalea Indica, specimen, pink or rose—Percy Chubb, Glen Cove, N. Y. (Robt. Jones, Gr.), 1st.

Azalea Indica, specimen, any other color—Percy Chubb, 1st.

Cineraria, hybrid, 6 plants—C. K. G. Billings, Oyster Bay, N. Y. (Jas. Bell, Gr.), 1st; Adolph Lewisohn, Ardsley (J. Canning, Supt.), 2nd.

Cineraria stellata, 6 plants—Adolph Lewisohn, 1st; W. B. Thompson, 2nd.

Calceolarias, 12 plants—G. D. Barron, Rye, N. Y. (Jas. Linane, Supt.), 2nd.

Cyclamen, 25 plants—Adolph Lewisohn, 1st; Mrs. F. A. Constable, 2nd.

Cyclamen, 12 plants—Ralph Pulitzer, 1st; Adolph Lewisohn, 2nd.

Chorizema, specimen—F. E. Lewis, Ridgefield, Conn. (J. W. X. Smith, Gr.), 1st.

Erica, specimen, any variety—F. E. Lewis, 1st.

Genista, specimen—F. E. Lewis, 1st; Percy Chubb, 2nd.

Hydrangea, 3 plants—Wm. Zeigler, Jr., 1st.

Hydrangea, specimen—Wm. Zeigler, Jr., 1st; G. B. Barrow, 2nd.

Lilac, 6 plants—Mrs. H. Darlington, 1st; Adolph Lewisohn, 2nd.

Marguerite, specimen—Bellevue Farms, New Brunswick, N. J., 1st; W. B. Thompson, 2nd.

Primula malacoides, pink or white, or both, 12 plants—Ralph Pulitzer, 1st; Adolph Lewisohn, 2nd.

Primula obconica, 12 plants—Ralph Pulitzer, 1st; Adolph Lewisohn, 2nd.

Schizanthus, 6 plants—C. K. G. Billings, 1st; W. B. Thompson, 2nd.

Schizanthus, specimen—C. K. G. Billings, 1st; Ralph T. Pulitzer, 2nd.

Spirea, or astilbe, 6 plants—Mrs. J. Murray Mitchell, Tuxedo Park, N. Y. (Thos. Wilson, Gr.), 1st; D. C. Reid, 2nd.

Wistaria, specimen—F. E. Lewis, 1st; C. K. G. Billings, 2nd.

Any other specimen flowering plant—F. E. Lewis, 1st; E. Roepke, Highland, N. J., 2nd.

Flowering plants and bulbs, covering 300 sq. ft.—Adolph Lewisohn, 1st; P. E. Lewis, 2nd; W. B. Thompson, 3rd; special mention, Mrs. H. Darlington.

Palm Sunday

For those desiring to commemorate this great historical day we are offering to-day quantities of palm leaves, cut flowers, and plants at remarkably low prices.

Baskets of flowers for the home, \$1.00 each and up.

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Corsage bouquets of violets, orchids, gardenias and other flowers, 25c and 50c each and up.

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Blooming plants for the sick room—fresh cut roses, carnations, lilies of the valley, tulips, mignonettes, pansies, freesias, hyacinths and many other varieties to entirely gratify every flower desire.

The \$1 boxes of cut flowers contain mixed flowers or roses and represent splendid value.

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AUTOMATIC 42072



A PALM SUNDAY ADVERTISEMENT USED IN LOCAL MORNING NEWSPAPERS THE FRIDAY BEFORE PALM SUNDAY.

Palms and Foliage Plants—Private Growers.

Areca lutescens, specimen—Mrs. F. A. Constable, 1st; Wm. Kleinheinz, Ogontz, Pa., 2nd.

Bay trees, 2 plants—Mrs. Pauline Boelger, Riverdale-on-Hudson, N. Y., 2nd.

Croton, 12 plants—W. B. Thompson, Yonkers, N. Y., 1st; Mrs. J. Hood Wright, New York, 2nd.

Dracena, 3 plants—W. B. Thompson, 1st.

Dracena, specimen, any variety—W. B. Thompson, 1st; Bertram H. Borden, Oceanic, N. J., 2nd.

Kentia Forsteriana, specimen—Wm. Zeigler, Jr., 1st; Mrs. J. Hood Wright, 2nd.

Kentia Belmoreana, specimen—W. Zeigler, Jr., 1st; Mrs. J. Hood Wright, 2nd.

Phoenix Roebelenii, specimen—Wm. Zeigler, Jr., 1st; Mrs. J. Hood Wright, 2nd.

Palm, other than above, specimen—Mrs. F. A. Constable, 1st; W. Kleinheinz, 2nd.

Six foliage plants, exclusive of palms—W. B. Thompson, 1st.

Foliage plant, other than above, specimen—W. B. Thompson, 1st; D. G. Reid, 2nd.

Group of foliage plants, collection covering 10 square feet—W. B. Thompson, 1st.

Bulbous Plants—Private Growers.

Hyacinths, white—Mrs. Payne Whitney, Manhasset, N. Y. (G. O. Ferguson, Gr.), 1st; Dan G. Reid, 2nd.

Hyacinths, pink or red—D. G. Reid, 1st; Mrs. Payne Whitney, 2nd.

Hyacinths, light blue—H. M. Tilford, 1st; Mrs. Payne Whitney, 2nd.

Hyacinths, dark blue or purple—C. K. G. Billings, 1st; Mrs. Payne Whitney, 2nd.

Hyacinths, yellow—C. K. G. Billings, 1st; D. G. Reid, 2nd.

Lilies, 12 pots—Mrs. J. H. Flagler, 1st; Miss M. T. Cockroft, Saugatuck, Conn. (A. Peterson, Gr.), 2nd.

Lily of the valley—Mrs. Payne Whitney, 1st; C. K. G. Billings, 2nd.

Narcissi, single trumpet, 12 varieties—Mrs. Payne Whitney, 1st; Mrs. A. M. Booth, Great Neck, N. Y. (E. Fardell, Gr.), 2nd.

Narcissi, short or medium trumpet—Mrs. Payne Whitney, 1st; Mrs. A. M. Booth, 2nd.

Tulips, single early, 12 varieties—Mrs. A. M. Booth, 1st; Mrs. Payne Whitney, 2nd.

Tulips, single early, 6 varieties—Mrs. A. M. Booth, 1st; Mrs. Payne Whitney, 2nd.

Tulips, Darwin or Cottage, 12 varieties—Mrs. Payne Whitney, 1st; Mrs. A. M. Booth, 2nd.

Orchid Plants—Private Growers.

Group of plants in variety covering 50 sq. ft.—Arthur N. Cooley, Pittsfield, Mass., 1st; Clement Moore, Hackensack, N. J. (J. R. Mossman, Gr.), 2nd.

Six plants in variety—Geo. Schlegel, Bay Ridge, N. Y. (S. G. Millosy, Gr.), 1st; Clement Moore, 2nd.

Brasso-cattleya, or Brasso-Lelia, one plant—Clement Moore, 1st; Geo. Schlegel, 2nd.

Cattleya Mossii, specimen—Geo. Schlegel, 1st; Clement Moore, 2nd.

Cattleya Schroederia, specimen—Geo. Schlegel, 1st; H. H. Rogers, Tuxedo Park, N. Y. (P. Venezia, Gr.), 2nd.

Cattleya, specimen, any other variety—Geo. Schlegel, 1st; Louis Strauss, Bay Ridge, N. Y., 2nd.

Cypripedium, 12 plants—Geo. Schlegel, 1st; Cypripedium, specimen—Louis Strauss, 1st; Geo. Schlegel, 2nd.

Dendrobium, 6 plants—H. H. Rogers, 1st; Louis Strauss, 2nd.

Dendrobium, nobile—F. V. Burton, Newburgh, N. Y. (Wm. Cordes, Supt.), 1st; Geo. H. Jones, Yonkers, N. Y., 2nd.

Dendrobium Wardianum, specimen—F. V. Burton, Newburgh, N. Y. (Wm. Cordes, Supt.), 1st; Geo. H. Jones, Greystone, Yonkers, N. Y., 2nd.

Dendrobium, specimen, any other variety—Mrs. J. Crosby Brown, Orange, N. J. (Peter Duff, Gr.), 1st; Mrs. Nathan Strauss, Mamaroneck, N. Y. (Thos. Aichison, Gr.), 2nd.

Cattleya, Lelia, or Lelia cattleya Hybrid—Clement Moore, 1st; Geo. Schlegel, 2nd.

Lelia, specimen—Geo. Schlegel, 1st.

Odontoglossum, specimen—Geo. Schlegel, 1st.

Oncidium, specimen—Geo. Schlegel, 1st; Louis Strauss, 2nd.

Phalenopsis, specimen—W. B. Thompson, Yonkers, N. Y. (R. M. Johnston, Gr.), 1st; Geo. Schlegel, 2nd.

Vanda, specimen—Geo. Schlegel, 1st.

Specimen plant, any variety other than the above—Mrs. F. A. Constable, 1st; Geo. Schlegel, 2nd.

Cut Roses—Private Growers.

Twelve American Beauty—Mrs. Olive Hoyt, Stamford, Conn. (Jas. Foster, Gr.), 1st.

Twelve Mrs. George Shawyer—Mrs. J. Crosby Brown, 1st; W. B. Thompson, 2nd.

Twelve Mrs. Charles Russell—W. B. Thompson, 1st.

Twelve Pink Killarney or any pink sport of same excepting Killarney Queen—Mrs. F. A. Constable, 1st.

Twelve Radiance—Daniel Guggenheim, 1st; W. B. Thompson, 2nd.

Twelve Sunburst—Mrs. J. Crosby Brown, 1st; W. B. Thompson, 2nd.

Twelve any other disseminated variety, red—Howard Gould, 1st; Hamilton Farms, Gladstone, N. J., 2nd.

Twenty-five or more varieties—W. B. Thompson, 1st; Mrs. F. A. Constable, 2nd.

Best display of cut roses shown by a private grower—W. B. Thompson, 1st; Hamilton Farms, 2nd.

Carnations—Private Growers.

Twenty-five white—Manor Congers, 1st; D. G. Reid, 2nd.

Twenty-five flesh pink—D. G. Reid, 1st; Mrs. S. Harriman, Tarrytown, N. Y., 2nd.

Twenty-five light pink—W. B. Thompson, 1st; Peter Hancock, Jr., 2nd.

Twenty-five dark pink—D. G. Reid, 1st; Bellevue Farm, 2nd.

Twenty-five red or scarlet—Hamilton Farm.

Twenty-five crimson—Mrs. E. S. Beyer, 1st; Congers Manor, 2nd.

Twenty-five white—Mrs. S. Harriman, 1st; F. E. Lewis, 2nd.

Twenty-five yellow—Mrs. Payne Whitney, 1st; Mrs. H. Darlington, 2nd.

Twenty-five any other color, decidedly distinct from colors specified above—L. I. Benedict, Jr., 1st; Howard Gould, 2nd.

Vase of carnations, not to exceed 150 blooms—Howard Gould, 1st.

Sweet Peas—Private Growers.

Display of sweet peas, covering 25 square feet—Hon. P. M. Warburg, Hartsdale, N. Y., 1st; Bellefontaine Gardens, Lenox, Mass., 2nd.

Collection of six varieties, 2 sprays—Hon. P. M. Warburg, 1st; D. G. Reid, 2nd.

One hundred sprays, one or more varieties—Mrs. C. Bradley, Convent Station, N. J., 1st; D. G. Reid, 2nd.

Table Decoration—Private Growers.

Dinner table decoration. Sweet peas exclusively—Adolph Lewisohn, 1st; Mrs. H. Darlington, 2d.

Miscellaneous Cut Flowers—Private Growers.

Antirrhinum, 25 spikes pink—Percy Chubb, 1st; Congers Manor, Greenwich, Conn. (Wm. Graham, Gr.), 2nd.

Antirrhinum, 25 spikes white—Adolph Lewisohn, 1st.

Antirrhinum, 25 spikes, assorted—Gov. Beeckman, Newport, R. I. (Winghart, Supt.), 1st; Percy Chubb, 2nd.

Mignonne, 12 spikes—Ralph Poltizer, 1st; W. E. Reiss, Greenwich, Conn. (Robt. Gruners, Gr.), 2nd.

Pansies, display of cut blooms—D. G. Reid, 1st; Mrs. J. H. Flagler, 2nd.

Stocks, 12 spikes pink—H. M. Tilford, Tuxedo Park, N. Y. (Jos. Tansey, Gr.), 1st; Mrs. J. H. Flagler, 2nd.

Stocks, 12 spikes any other color—H. M. Tilford, 1st; W. E. Reiss, 2nd.

Wallflowers, 12 spikes any color—Mrs. Eugene Meyer, Jr., Mt. Kisco, N. Y. (Chas. Ruthorn, Gr.), 1st; Wm. E. S. Griswold, Lenox, Mass. (A. J. Lovell, Gr.), 2nd.

Violets—Private Growers.

Violets, single, 200 blooms—Mrs. E. I. Baycr, 1st; E. L. Meyer, Huntington, L. I., 2nd.

Table Decoration—Private Growers.

Artistic dinner table decoration—Mrs. G. Bradley, Convent Station, N. J., 1st; Adolph Lewisohn, Ardsley, N. Y., 2nd; James Fraser, Morristown, N. J., 3rd.

Plants in Flower—Commercial Growers.

Acacia, collection covering 200 sq. ft., arranged for effect—Knight & Struck Co., 1st.

Acacia, 6 plants, not less than two varieties—F. R. Pierson Co., 1st.

Azalea Indica, collection—A. N. Pierson, Inc., Cromwell, Conn., 1st; Julius Roehrs Co., Rutherford, N. J., 2nd.

Azalea Indica, 6 plants—Julius Roehrs Co., 1st; A. N. Pierson, Inc., 2nd.

Azalea Indica, 3 plants—Julius Roehrs Co., 1st; A. N. Pierson, Inc., 2nd.

Azalea Indica, 1 plant—Julius Roehrs Co., 1st; A. N. Pierson, Inc., 2nd.

Azalea mollis or pontica, or both—Bobbink & Atkins, Rutherford, N. J., 1st; A. N. Pierson, Inc., 2nd.

Bougainvilleas, group covering 100 sq. ft.—Emile Savoy, Secaucus, N. J., 1st.

Cyclamen, 25 plants—Knight & Struck Co., 1st.

Collection of new Holland plants—Madsen & Christensen, Wood Ridge, N. J., 1st.

Hydrangea, collection covering 150 sq. ft.—Knight & Struck Co., 1st.

Hydrangea, 6 plants—Fred R. Dressel, Weehawken, N. J., 1st; Julius Roehrs Co., 2nd.

Hydrangea, specimen—Fred R. Dressel, 1st.

Lilac, 12 plants—F. R. Pierson Co., 1st.

Marguerite, specimen—Madsen & Christensen, 1st.

Marguerite, 6 plants—Madsen & Christensen, 1st.

Rhododendrons, hardy varieties—Bobbink & Atkins, 1st; A. N. Pierson, Inc., 2nd.

Rhododendrons, 6 plants, any variety—Bobbink & Atkins, 1st; A. N. Pierson, Inc., 2nd.

Rhododendrons, 3 plants, any variety—Bobbink & Atkins, 1st; A. N. Pierson, Inc., 2nd.

Spiraea, or astilbe, 25 plants—Bobbink & Atkins, 1st; A. L. Miller, 2nd.

Metrosideros, 3 plants—F. R. Pierson Co., 1st.

Bulbous Plants—Commercial Growers.

Lilium formosum, 25 pots—A. L. Miller, Jamaica, N. Y., 1st.

Lilium giganteum, 25 pots—Julius Roehrs Co., 1st.

Lily of the valley—Wm. Siebrecht, Astoria, N. Y., 1st.

Display of bulbs, etc., arranged as a Dutch bulb garden, covering 500 sq. ft.—John Scheepers & Co., New York, 1st.

Orchid Plants—Commercial Growers.

Group of plants in variety, covering 200 sq. ft.—Julius Roehrs Co., 1st.

Group of plants in variety, covering 50 sq. ft.—Lager & Hurrell, Summit, N. J., 1st.

Roses in Pots and Tubs—Commercial Growers.

Display of rose plants, arranged as a rose garden, covering 500 sq. ft.—F. R. Pierson Co., 1st; A. N. Pierson, Inc., 2nd.

Climbing red, specimen—F. R. Pierson Co., 1st; A. N. Pierson, Inc., 2nd.

Climbing pink—specimen—A. N. Pierson, Inc., 1st; F. R. Pierson Co., 2nd.

Climbing white, specimen—A. N. Pierson, Inc., 1st.

Climbing yellow, specimen—A. N. Pierson, Inc., 2nd.

Best new rose, not in commerce—A. N. Pierson, Inc., 1st.

Cut Roses—Commercial Growers.

One hundred American Beauty—L. A. Noe, Madison, N. J., 1st; F. R. Pierson Co., 2nd.

One hundred Killarney Queen—Bedford Flower Co., Bedford Hills, N. Y., 1st; F. R. Pierson Co., 2nd.

Fifty American Beauty—Louis A. Noe, 1st; F. R. Pierson Co., 2nd.

Fifty Mrs. Charles Russell—French & Salm, Union Grove, Wis., 1st.

Fifty Ophelia—R. Simpson, Clifton, N. J., 1st.

Fifty Mrs. George Shawyer—A. N. Pierson, Inc., 1st; F. R. Pierson Co., 2nd.

Fifty Francis Scott Key—F. R. Pierson Co., 1st; A. N. Pierson, Inc., 2nd.

Fifty Pink Killarney, or any pink sport of same—A. N. Pierson, Inc., 1st; F. R. Pierson Co., 2nd.

Fifty White Killarney, or any white sport of same—A. N. Pierson, Inc., 1st; F. R. Pierson Co., 2nd.

Fifty Richmond—F. R. Pierson Co., 1st.

Fifty Sunburst—L. B. Coddington, Murray Hill, N. J., 1st.

Fifty Mrs. Aaron Ward—Robt. Simpson, 1st; A. N. Pierson, Inc., 2nd.

Fifty any other disseminated variety pink—Robt. Simpson, 1st; Floral Nurseries, 2nd.

Any undisseminated red variety—A. S. Burns, Jr., Spring Valley, N. Y., 1st.

Carnations—Commercial Growers.

One hundred white—Cottage Gardens Co., 1st; A. A. Pembroke, Beverly, Mass., 2nd.

One hundred flesh pink—A. A. Pembroke, 1st; Cottage Gardens, 2nd.

One hundred light pink—Cottage Gardens, 1st; A. A. Pembroke, 2nd.

One hundred dark pink—A. A. Pembroke, 1st; Cottage Gardens Co., 2nd.

One hundred red or scarlet—M. Matheron, 1st; Cottage Gardens Co., 2nd.

One hundred crimson, to include all shades known as crimson or maroon—J. R. Minot, 1st.

One hundred white variegated—E. F. Lieker, 1st; A. A. Pembroke, 2nd.

One hundred yellow or yellow variegated—A. A. Pembroke, 1st.

Fifty, one variety—Cottage Gardens Co., 1st; Herman Schwarz, 2nd.

Fifty any new variety not in commerce—Cottage Gardens Co., 1st.

Display of carnations, covering 150 square feet—Cottage Gardens Co., 1st; Strout's, Biddeford, Me., 2nd.

Sweet Peas—Commercial Growers.

One hundred sprays bicolor—Wm. Sim, 1st; A. E. Jackson, West Summit, N. J., 2nd.

One hundred sprays white—A. E. Jackson, 1st; S. Van Riper, Dundee Lake, N. J., 2nd.

One hundred sprays blue or purple—Wm. Sim, 1st; John M. Barker, Morristown, N. J., 2nd.

One hundred sprays red or crimson—John M. Barker, 1st; Wm. Sim, 2nd.

One hundred sprays cream pink, orchid-flowering—Wm. Sim, 1st; E. M. Eisenhardt, Forestdale, Pa., 2nd.

One hundred sprays light lavender—Wm. Sim, 1st; S. Van Riper, 2nd.

One hundred sprays dark lavender—Wm. Sim, 1st.

One hundred sprays pink or salmon—E. M. Eisenhardt, 1st; Wm. Sim, 2nd.

One hundred sprays orange—John M. Barker, 1st; Wm. Sim, 2nd.

One hundred sprays any other color—E. M. Eisenhardt, 1st; Wm. Sim, 2nd.

Finest display of sweet peas, covering 100 square feet—Charles A. Zvolanek, Bound Brook, N. J., 1st.

Miscellaneous Cut Flowers.

Violets, double, best display covering 10 square feet—Frank Lown & Son, Rhinebeck, N. Y., 1st.

Violets, single, best display, covering 10 square feet—R. Langle, White Plains, N. Y., 1st.

Table Decoration.

Artistic dinner table decoration—Hotel Manhattan, 1st; Hotel Vanderbilt, silver medal.

Special Awards.**Silver Trophy.**

F. R. Pierson Co., Tarrytown, N. Y., best exhibit at exhibition.

Certificates of Merit.

Secaucus Exotic Nursery, two box trees with top.

R. G. Wilson, Brooklyn, N. Y., new fern, Pteris variety.

Nippon Gardens, Figure of Ivy Evonymous.

Mrs. Oliver Hoyt, Asparagus Sprengeri.

Honorable Mention.

Mrs. H. Darlington, basket of lily of the valley.

Ralph Pulitzer, Iris Germanica.

Wm. Schillaber, Gazania Langiscapa.

Clement Moore, exhibit of ways in which orchids are raised.

Louis Strauss, cactus plant in flower.

Flores Gardens, roses, 50 in spray, George Elgar; roses, 50 in spray, Cecile Brunner.

A. N. Pierson, Inc., Rose Newport Fairy.

Silver Medal.

Mrs. J. Murray Mitchell, Amaryllis Hippestrum in fancy variety.

John Scheepers & Co., narcissi in fancy variety.

Ernest Roepke, Highlands, N. Y., standard geranium, six plants.

Geo. J. Gould, Lakewood, N. J., Glanemes, 50 plants.

Wm. Zeigler, Jr., group of hydrangeas, one year old.

W. E. Griswold, Lenox, Mass., vase of annual lupines.

Clement Moore, new hybrid cattleya.

Mrs. H. Darlington, display of hardy English primroses.

Mrs. A. M. Booth, new tulip Mrs. A. M. Booth.

Arthur N. Cooley, Pittsfield, Mass., new Cattleya Olympus.

W. B. Duke, orange trees.

Max Schling, Rose Creta Kilus.

R. G. Wilson, new fern.

Special Mention.

Mrs. Pauline Boegher, Riverdale, N. Y., Pteris Rivertonensis, one plant.

Geo. Schlegel, Euphorbia Jacqueminifolia.

Wm. Zeigler, Jr., Sanseveria Zeylanica, two specimens.

Wm. Zeigler, Jr., new rose Elizabeth Zeigler.

A. L. Miller, double flowering orange in bloom; Ponderosa lemons in fruit.

Bobbink & Atkins, collection of 50 dwarf evergreens.

Special Prizes.

J. B. Duke, Somerville, N. J., silver medal for collection of orange trees.
 F. E. Lewis, Ridgefield, Conn., silver medal for antirrhinum *Crimson Queen*.
 Mrs. J. Murray Mitchell, Tuxedo Park, N. Y., silver medal for seven plants of *spirea*.
 Mrs. A. N. Booth, Great Neck, N. Y., silver medal for a new tulip.
 A new rose named *Gretna Kluis*, exhibited by Kluis & Smith, was awarded a certificate of merit.

Business Displays.

The firms making general business or trade displays are as follows:

Alphano Humus Co., New York, fertilizers.
 Aphine Mfg. Co., Madison, N. J., insecticides.
 Autocar Co., Ardmore, Pa., auto-delivery cars.
 Bloomfield Studios, New York, cretonne and fancy paper boxes.
 Bon Arbor Chemical Co., Paterson, N. J., fertilizers.
 A. T. Boddington Co., New York, seeds, bulbs and flowering plants.
 E. C. Brown Co., Rochester, N. Y., auto sprayers.
 Coldwell Lawn Mower Co., Newburgh, N. Y., lawn mowers.
 Continuous Seed & Plant Forcer Co., New York and Newark, N. J., plant forcers.
 Arthur Cowee, Berlin, N. Y., gladiolus bulbs.
 Joseph Dixon Crucible Co., Jersey City, N. J., automobile lubricants.
 Doubleday, Page & Co., New York, garden books.
 Electric Fountain Co., New York, electric fountains.
 Fulper Pottery Co., New York and Flemington, N. J., art pottery.
 Hitchings & Co., Elizabeth, N. J., and New York, greenhouse construction.
 International Child Welfare League, New York, literature.
 Japanese Perfume Co., New York, perfumes.
 King Construction Co., North Tonawanda, N. Y., represented by W. J. Muth.
 Kirke Chemical Co., Inc., Brooklyn, N. Y., fertilizers and insecticides.
 Kroeschell Bros. Co., Chicago, represented by F. Lautenschlager.
 Wm. F. Leary, New Rochelle, N. Y., scientific care of trees.
 Lord & Burnham Co., New York, greenhouse construction.
 Wm. H. Lutton Co., Jersey City, N. J., greenhouse construction.
 W. A. Manda, Inc., South Orange, N. J., represented by Eber Holmes.
 Mathews Mfg. Co., Cleveland, O., garden furniture.
 Metropolitan Material Co., Brooklyn, greenhouse construction.
 Miller & Doing, Brooklyn, N. Y., "Illinois" self-watering hanging baskets and window boxes.
 Mountain Co., Inc., New York, novelties.
 National Floral Corporation, New York, literature.
 National Special Aid Society, New York, literature.
 Nippon Garden, New York, Japanese garden work.
 Peterson, Sinclair & Miller, Inc., New York, Rex-Humus (fertilizer).
 Pierson U-Bar Co., New York, greenhouse construction.
 Reade Mfg. Co., Hoboken, N. J., insecticides and weed killer.
 Reed & Keller, New York, florists' supplies.
 Revere Rubber Co., garden and greenhouse hose, represented by E. W. Holt.
 Schloss Bros., New York, ribbons and chifons.
 School of Horticulture for Women, Ambler, Pa., literature.
 Sharonware Workshops, New York, garden furniture.
 George L. Stillman, Westerly, R. I., dahlia roots.
 I. J. Stringham, New York, demonstration of bee-keeping.
 G. E. M. Stumpp, New York, novelties.
 Stumpp & Walter Co., New York, seeds, bulbs and flowering plants.
 J. M. Thorburn & Co., New York, seeds and bulbs.
 S. P. Townsend & Co., Orange, N. J., ball-bearing lawn mowers.
 B. Hammond Tracy, Wenham, Mass., gladiolus bulbs.
 Lewis A. Valentine Co., Roslyn, N. Y., nurserymen and tree movers.
 Vanity Fair Shop, New York.
 Van Rensselaer Studio and Box Shop, New York.
 Vaughan's Seed Store, Chicago and New York, seeds and bulbs.
 Welch's, Westfield, N. Y., grape juice.
 Wilson Products Co., Brooklyn, N. Y., garden and lawn sprinkler.
 Women's National Agricultural and Horticultural Association, literature.

Scranton Flower Show.

The third annual flower show of the Scranton Florists' Club was held in the Town hall, April 6-8 and was a splendid exhibition both in quality of the displays, which were of uniform excellence, and in the artistic manner in which they were arranged. At the entrance the display of T. B. McClintock of Cineraria stellata and Boston ferns was very attractive, while the exhibit in the southeast corner of the hall was one of the most noticeable in the building. This was a border effect with a background extending from the ceiling to the floor with a gradual slope, *Azalea mollis*, spruce trees, arborescences, retinosporas, boxwood and cinerarias being used. The New York Floral Co.'s display was devoted almost entirely to cut flowers. Here were seen splendid baskets of lupines, American Beauties, Russell and Hadley roses; also baskets of snapdragons arranged with yellow iris and a basket of anemone, a flower rarely seen in this city, was also exhibited by this firm. This display also included the only bride's bouquet in the show, the arrangement being of white roses and lily of the valley.

Schultheis, the Florist, had the largest exhibit in the hall, the effect being that of an interior decoration. A charming dinner table arrangement, with a centerpiece of Ward roses and orchids attracted much attention. In this exhibit were also huge azaleas and rhododendrons; also Hadley roses, basket effects, Japanese gardens and a large display of bowls, birds and butterflies. A hand-painted basket arranged with yellow hyacinths and primroses and another of Scotch heather tied with Scotch plaid ribbon are deserving of special mention. The rhododendrons seen here were the finest displayed in this city for some time, the blooms being of rare size and beauty.

The exhibit of Baldwin, the Florist, was arranged in a very artistic manner with an arch in the background. Here were staged large and rare hydrangeas, the entire effect being one of distinctiveness. Other pleasing features were lilies, tulips, primroses and hyacinths, while a special exhibition of tulips, pink snapdragons and Rosette carnations were exceptionally high class.

The most artistic exhibit was that of A. L. Besancon & Co. This was in the form of a woodland garden with a background of spruce, pine, hemlock, and birch, with flowering shrubs and a border of tulips, broken into to allow the placing of a rustic summer house. In the foreground was a lawn through which was a cinder path bordered with crocuses, tulips, daffodils and pussy-willows. This firm also showed cut flowers and handsomely arranged baskets. A picture that was an art study was arranged with Sweet Marie roses and farleyense. John Beagle exhibited a large group of bedding plants and bulbous stock. D. W. Evans had a fine showing of azaleas, hyacinths, primroses and cinerarias, and T. W. Mackey made an excellent showing of Boston ferns, tulips, hyacinths and daffodils. Bulbs, seeds and garden and farm implements were displayed by B. E. and J. T. Cokely. In the center of the hall was a mound of *Crimson Ramblers* staged by Wm. MacDonald of Moosic.

The commercial growers made numerous fine displays, A. N. Pierson, Inc., Cromwell, Conn., exhibiting a vase of 25 of their Hadley roses that were prize winners at the national flower show at Philadelphia; also 50 prize-winning Killarney Brilliant. S. S. Pen-nock-Meehan Co., Philadelphia, staged vases of 50 blooms each of Francis Scott Key, Ophelia and Killarney

roses; also vases of White Wonder, Pink Enchantress and Ward carnations. A vase of 100 lilies attracted much attention. The exhibit of baskets by this firm was also very complete. The Leo. Niessen Co., also of Philadelphia, staged a splendid display, vases of roses, among which were a fine showing of Russell, Fireflame and Sweet Marie. Cornflowers and stock were also features. J. L. Dillon, Bloomsburg, Pa., staged fine Sunburst, Richmond, White Killarney, Enchantress and Richmond roses.

The Edwards Folding Box Co., Philadelphia, had an attractive display of florists' boxes in large variety. This was in charge of W. P. Snyder. The M. Rice Co., also of Philadelphia, received many compliments for its display of baskets and florists' supplies.

An innovation this year was the tea room conducted under the auspices of the Home of the Friendless. This was located at one end of the hall and was decorated with evergreens, hardy plants, azaleas, rambler roses and a variety of other plants and shrubs in many shades, making a very pleasing effect. This arrangement was made by Wm. McDonald, Moosic, Pa.

There were many exhibits staged by private growers and many of these were of very high order. One of the most conspicuous groups was that of Mrs. S. C. Weston, Waverly, Pa. This was a splendid group of calceolarias. These were attractively arranged with ferns, begonias, lilies, coleus, daffodils, marguerites and crotons. Another excellent exhibit was that of Mrs. J. B. Dimmick, which was very unique in its arrangement, consisting of a bank approached by steps, the planting consisting of many varieties of flowering plants. The orchid display of Mrs. H. M. Boies was also an attractive feature.

G. R. Clarke arranged a garden with lawn seats and flower beds of tulips and hyacinths which produced a good effect. Bird houses occupied one section of this display and a basket of Hadley and Sunburst roses showed class. Mrs. C. E. Welles had a fine vase of 50 Princess Dagmar carnations, large of flower and long of stem.

The exhibition was a splendid success in every way and the members of the various committees in charge of the details deserve much credit for their painstaking efforts.

T. J. M.

Buffalo's Flower and Fashion Show.

One of the notable spring events in the city of Buffalo, N. Y., was the Flower and Fashion Show given under the auspices of the Elks' lodge in conjunction with the local florists. The display of carnations, roses, snapdragons, sweet peas, lilies, tulips, daffodils, narcissi, azaleas, rhododendrons, pansies, spirea and hydrangeas without exception were the finest specimens of horticulture ever beheld in this section of the country. The judges, consisting of Henry F. Elbers of South Park conservatory, George Kayser of Delaware Park conservatory and Charles Keitsch of Humboldt park, were loud in their praise as they made these awards:

Sweet peas (best vase of 100 pink)—David Scott, Corfu, 1st; C. T. Guenther, Hamburg, N. Y., 2nd; David Scott, 3rd.

Sweet peas (best vase of 100 white)—W. Preisach, Corfu, 1st.

Lilies—L. H. Neubeck, Buffalo, 1st; W. J. Palmer & Son, 2nd; Charles Sandiford, 3rd.

Tulips—Charles Sandiford, 1st. Daffodils—Charles Sandiford, 1st. Narcissus—Charles Sandiford, 1st.

Azaleas—W. J. Palmer & Son, 1st; Charles Schoenhut, 2nd.

Azaleas (best specimen plant)—W. J. Palmer & Son, 1st.
 Rambler roses—Charles Sandiford.
 Rambler roses, specimen plant—Charles Sandiford, 1st.
 Rhododendrons (best specimen plant)—Charles Sandiford, 1st.
 Pansies—L. H. Neubeck, Buffalo, 1st.
 Spirea—W. J. Palmer & Son, 1st; Charles Sandiford, 2nd.
 Hydrangeas—W. J. Palmer & Son.
 Carnations (best vase of fifty pink)—W. J. Palmer & Son, 1st; C. F. Christensen, 2nd; Erie Floral Co., 3rd.
 Carnations (best vase of fifty white)—W. J. Palmer & Son, 1st; C. F. Christensen, 2nd; Erie Floral Co., 3rd.
 Carnations (best vase of fifty red)—W. J. Palmer & Son, 1st; C. F. Christensen, 2nd; John Preisach, 3rd.
 Carnations (best vase of fifty light pink)—David Scott, Corfu, N. Y., 1st; Erie Floral Co., Erie, Pa., 2nd; W. J. Palmer & Son, 3rd.
 Carnations (best vase of mixed)—W. J. Palmer & Son, 1st; C. T. Guenther, 2nd.
 Roses (best vase of Pink Killarneys)—W. J. Palmer & Son, 1st; Erie Floral Co., 2nd; C. T. Guenther, 3rd.
 Roses (best vase of 25 Ophelia)—W. J. Palmer & Son, 1st; Erie Floral Co., 2nd.
 Roses (best vase of 25 red)—W. J. Palmer & Son, 1st.
 Roses (best vase of 25 mixed)—W. J. Palmer & Son, 1st.
 Roses (best vase of Bon Silene)—W. J. Palmer & Son, 1st.
 Snapdragon—W. J. Palmer & Son, 1st; L. C. Stroh, Batavia, N. Y., 2nd; David Scott, 3rd. E. C. B.

New Orleans Horticultural Society.

The spring flower show of the New Orleans Horticultural Society which was staged at the Athenaeum in that city April 6-9, was the largest and most artistic display of flowers ever seen in the South. The main hall was laid out in the form of a garden in the arrangement of which all the art of a number of the city's most expert florists and landscape artists had been expended to insure distinctiveness and charm and thousands of visitors who attended the exhibition spent hours following the border lined paths with elaborate displays at every turn. In the center of the hall was a mound of large proportions and surrounding this in widening circles were beds of rich mother earth in which plants were growing in all their natural beauty. At the sides of the hall were displays of cut flowers and plants and wedding and house decorations. The large stage was always a center of attraction. Here a huge American flag had been most cleverly done in plants and flowers, the work of Henry Kraak, and was commented upon by all who attended the show. The full value of garden products as contributing to the home was emphasized in a lavish display. Despite the fact that the weather on the opening day was inclement, the attendance was good, the second and final days of the show saw the hall thronged and the Louisiana Anti-Tuberculosis League, to whom the net proceeds of the show will be donated, was materially aided. Friday evening was "Society night" and in response to special invitation of the show committee many persons prominent in social circles attended the show and by their sponsorship added much to the general interest of the public in the show.

In the plant exhibits, Henry Kraak was awarded first premium for his excellent showing, the display arranged by E. H. Farley, also of very high order, was second, and other splendid exhibits staged by P. A. Chopin, Charles Eble, Abele Bros.,

Max Scheinuk, A. Verlinde, B. M. Wischer, Claude Ory, F. Dormay and A. Dummerau were all well to the front and were awarded cups and other trophies.

C. W. Eichling of the Avenue Floral Co. was awarded first prize for a clever wedding decoration, including the table arrangement. The second prize in this section went to P. A. Chopin, whose display covered a large section, life-sized figures being used in the wedding arrangement. A trellis effect with natural flowers was very pleasing. The Reyes Co. also had a novel exhibit and one of great beauty, which was in keeping with the object of the show. This consisted of a hospital in miniature, constructed of plants and cut flowers with the name "Tuberculosis hospital" over the door. The displays of the Flower Shop and Charles Eble were also excellent and were awarded prizes.

The Maison Blanche was awarded first prize for a fine exhibit of garden and lawn furniture arranged under and around a vine-covered pergola. The Steckler Seed Co. also made an excellent showing and was among the successful contestants, winning several prizes. The Dognibene Pottery Co. displayed a number of handsome urns, which were filled with plants by various exhibitors. A blue ribbon was awarded this exhibit.

Band concerts were given each afternoon and evening and special features such as colored lantern slides of gardens, flowers and plants proved interesting to the visitors. The elaborateness of the exhibition exceeded all plans first made, the displays were all of uniform excellence, and there seemed to be nothing lacking to contribute to perfect arrangement. Henry Schuermann, president, C. R. Panter, secretary, and the various committees of the New Orleans Horticultural Society, together with the members of the local craft, are to be congratulated upon their splendid success.

State Florists' Association of Indiana.

The April meeting of the State Florists' Association of Indiana was held at Terre Haute, Tuesday, April 11, and was attended by one of the largest delegations that ever assembled at any single session of the organization, every section of the state being well represented. As the visiting members arrived they were met at the trains by auto and escorted to the Hotel Deming, and from there a general inspection of the downtown district was made. At 11 o'clock the party assembled at the store of John G. Heintz & Son, and from this point were escorted direct to the Davis Gardens where a general inspection of this establishment was made, and the visitors found it to be one of the most interesting and gigantic institutions of its character in the United States. Three additional houses, mammoth in size, are rapidly being pushed to completion. The luncheon was served by the ladies of the Central Christian church, the table decorations consisting of cucumber vines loaded with cucumbers and vases of carnations and other flowers. The walls were hung with flags and bunting and large palms were seen at every turn. Thousands of dozens of cucumbers were on display and added much to the general decorative effect. The Davis Gardens are now picking 500 dozen cucumbers daily.

After the luncheon, Fred G. Heintz, president of the Terre Haute Florists' Club, called the business meeting to order and introduced Spencer F. Ball, president of the Chamber of Commerce, who welcomed the visitors. He was followed by W. J. Vesey,

Jr., of Ft. Wayne. Short addresses were also made by W. W. Coles, Kokomo; Robert Newcomb, representing Vaughan's Seed Store, Chicago, and J. B. Davis, Terre Haute. Plans for the two days' outing of the association, which will be held at Winona lake, July 18-19, were left in the hands of Judge Conner of Wabash and Wm. Terrell and Fred King of Winona. Committees were also appointed to arrange plans for the next annual meeting of the American Carnation Society which will be held at Indianapolis in January, 1917. The members of these committees are as follows:

Entertainment—O. E. Steinkamp, Geo. Wiegand and Irwin Bertermann, Indianapolis; Joseph Hill, Richmond.

Reception—John Bertermann, Herman Junge and John Hartje, Indianapolis; G. R. Gause, Richmond.

Decoration—Homer Wiegand, H. Pahud, C. Schwomeyer and A. B. Reynolds, Indianapolis.

Membership—Fred G. Heintz, Terre Haute; E. G. Hill, Richmond; F. Dornier, Lafayette; Fred Heine, Indianapolis; W. W. Coles, Kokomo.

Display—Fred Lemon, Richmond; C. Pahud, C. H. Bokedis and John Rieman, Indianapolis.

Seventeen new members were added to the roll of the association, among them being the following: Fred Wunker, N. B. Stover, Edward Cowan, James Cowan, Wm. Dinkle and C. A. Huson, Terre Haute; A. L. Dinkle, Brazil, and Harry Richmond, Sullivan.

The trade visitors included the following:

Wm. Barnaby, Columbus.
 M. A. Barrick, Seymour.
 A. F. J. Baur, Indianapolis.
 Wm. R. Beyer, South Bend.
 J. A. Bitler, Kokomo.
 Geo. W. Blackman, Evansville.
 M. M. Brandlein, Indianapolis.
 C. C. Clark, Muncie.
 L. A. Coles, Kokomo.
 W. W. Coles, Kokomo.
 W. W. Cossairt, Shelbyville.
 J. B. Davis, Davenport, Ia.
 A. Dinkel, Brazil.
 Jacob Eitel, Greencastle.
 L. Elder, Indianapolis.
 Robt. E. Ellis, Indianapolis.
 John J. Elsner, Indianapolis.
 Geo. R. Gause, Richmond.
 F. A. Grande, Indianapolis.
 John Grande, Indianapolis.
 Karl Hack, Indianapolis.
 W. H. Hack, Plainfield.
 John Hartje, Indianapolis.
 B. F. Hensley, Knightstown.
 R. E. Jones, Richmond.
 H. Junge, Indianapolis.
 Albert Kempe, Indianapolis.
 B. W. Klus, Anderson.
 Wm. F. Klus, Anderson.
 T. D. Kuebler, Evansville.
 S. H. Loreng, Casey, Ill.
 Frank McCabe, Chicago.
 E. H. Mann, Richmond.
 Morris Marer, Indianapolis.
 G. E. Moon, Rushville.
 Robert Newcomb, Chicago.
 Aug. Rieman, Indianapolis.
 N. F. Rieman, Indianapolis.
 W. A. Rieman, Vincennes.
 Harry J. Richmond, Sullivan.
 Henry Rodenbeck, Indianapolis.
 Chas. B. Sayre, Lafayette, Ind.
 C. W. Schwomeyer, Indianapolis.
 L. Sonnenschmid, Jr., Cumberland.
 O. E. Steinkamp, Indianapolis.
 J. Edgar Stuart, Anderson.
 George Sykes, Chicago.
 Wm. Terrill, Warsaw.
 J. D. Turnee, Rushville.
 W. J. Vesey, Jr., Ft. Wayne.
 A. J. Wagoner, Columbia City.
 Harry White, North Manchester.
 H. L. Wiegand, Indianapolis.
 R. J. Williams, Muncie.
 Thos. Woodard, Edinburg.

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, April 6, President Henderson in the chair. The attendance was light, many members being absent at the Eastern flower shows, including Secretary Guy W. French, for whom James Morton officiated.

The principal business of the meeting was the drawing for the massive silver punch bowl, won by A. Benson, Downers Grove, ticket No. 63. The drawing resulted in adding approximately \$410 to the club treasury.

Anton Then's fine new red carnation No. 701 was exhibited in good form and scored as follows: Color 18, size 18, stem 12, calyx 8, fragrance 14, substance 18, total 88 points, which entitles this variety to the club certificate. A. T. Pyfer, Ed. Meuret and H. C. Blewitt constituted the scoring committee.

New members elected were Peter Kohl, Morton Grove, and Edward E. Schmeitekopf, Park Ridge.

Boston.

TRADE CONTINUES QUIET.

Business has remained rather quiet during the past week, there seeming to be a lack of activity in the buying. There is not a large quantity of flowers coming in; in fact, many of the carnation growers are off crop and cutting but a few flowers. Roses remained about the same in price, \$12 per 100 being the best, and obtainable only on extra good Hadley and Ophelia. Carnations move at \$2.50 per 100, but the demand is small. Sweet peas are popular, and sell fairly well. There is not a large quantity of good flowers, consequently the price is good, \$1.50 per 100 being received. The largest percentage of flowers, however, are short stemmed and inclined to be off color and sell at from 50 cents to 75 cents per 100. Violets are scarce now, but do not sell very fast, as they seem to be growing less popular as the season closes. Snapdragons have dropped in price and only the best spikes bring good figures. The marguerite market also has fallen off, as there are large quantities being sent in. The plant trade is good and orders are coming in well for Easter trade and there promises to be an extra brisk demand for that day.

NOTES.

The Gardeners' and Florists' Club enjoyed a field day at the establishment of the W. W. Edgar Co. at Waverley, Saturday, April 8. A very pleasant day was spent looking about the place, which was in very fine condition. The club presented Mrs. Edgar with a beautiful mahogany sewing table in appreciation of the many thoughtful kindnesses which she has bestowed upon the members.

F. W. Fletcher, of Auburndale, will take 700,000 bulbets of his Freesia Purity to Florida to grow to increase the vigor of his strain. He has a yellow marguerite of dwarf growth which is very suitable for pot plant use, which will be disseminated this year. His snapdragons look very fine and the new Enchantress colored seedling seems to be very promising.

E. D. Kaulback, of Malden, has one of the largest lots of pot lilies for easter in this vicinity. Altogether, he has 36,000 pots. His salesman, J. M. Cohan, at the Boston Co-operative Flower Market, has already booked some very good orders and reports the sale of lilies this year as being out of the ordinary.

McAlpine & McDonald will open a new place of business at the corner of Devonshire street and Winthrop square

within a short time. The new location is a very desirable one and in the very heart of the wholesale flower section of the city. They will retain their present location as a storeroom.

Carl Richwagen, of Needham, has very fine spikes of Buxton's Pink snapdragon. His whole place looks good this year, his carnations and geranium plants, of which he has an extra large lot, being especially fine in quality.

Wm. Sim, of Cliftondale, is contemplating changing his place over to roses and carnations, discarding violets and sweet peas completely.

George Hart, of Rochester, N. Y., was visiting friends and growers in the vicinity of Boston, April 8-9 F. L. W.

Nashville, Tenn.

PREPARED FOR BIG EASTER TRADE.

Business has been brisk this week and the supply of flowers of all kinds is plentiful. Roses are coming in bountifully now and will be on in full flower for the Easter trade. The approaching season will find the florists well prepared to meet any and all demands. American Beauty will be in sufficient supply to meet all calls, and Killarney, both white and pink, Aaron Ward, Richmond and all the other varieties will be plentiful. There will be a full supply of Easter lilies. Carnations, lily of the valley and bulbous stock of all kinds will also be abundant. In pot plants the dealers will be equally fortunate and there will be hyacinths, tulips, cinerarias, cyclamens, azaleas; also fine rhododendrons, baby ramblers and all kinds of ferns to complete a most satisfactory collection.

NOTES.

The McIntyre Floral Company have one of the prettiest show windows in the city and it is always very attractive. They will have a fine Easter collection of both cut flowers and pot plants. All the bulbous stock is plentiful and they will have azaleas, rhododendrons, baby ramblers and everything else desirable, orchids, sweet peas and lily of the valley, among other things.

The last half of the past week has been very raw and inclement, and the out-of-door stock has suffered in consequence. Peonies are well advanced, and in some localities lilac is in bloom, but the blizzard will give them all a backset. The jonquils are all gone and violets have seen their best days.

Geny Bros. never had a finer stock and will be well prepared for the season's trade. They will have some American Beauties, plenty of roses and a wonderful stock of lilies; in fact, they have never been without lilies—and a very great variety of pot plants.

The Joy Floral Company will be abundantly prepared to meet any and all Easter demands. Besides having all the usual varieties of flowers, a fine supply of orchids and plenty of sweet peas, lily of the valley and other flowers are assured. M. C. D.

Oklahoma City.

The weather is cold and rainy, the spring season is very backward, but florists report business very satisfactory. Furrow & Co. and the Stiles Co. both maintain a steady advertising campaign in the daily press and thus keep business up to the mark, irrespective of weather conditions.

It is the hope of some of our local florists that delegates to the S. A. F. convention to be held in Houston, Tex., this year or at least, those going from the north and west, will make a stop-over in this city. Our city may not

be very big floriculturally, but it is worth a once-over to any one, and particularly so to the wholesaler in any branch of the trade. S. S. B.

Buffalo.

FAIR BUSINESS AT LOW PRICES.

Retail trade during the past week has only been fair. There is plenty of stock on hand, but Saturday sales at low prices have helped to some extent. Among the roses, Russell, Ophelia, Killarney and Hadley are coming fine. Ward and White Killarney are also good and American Beauties were never better than now with only a limited demand, however. Carnations are good in quality and sweet peas are splendid. There is no surplus of the good varieties.

NOTES.

April 8 was an eventful day at S. A. Anderson's greenhouses. Foreman Carl Butz was presented with an eight pound boy. When you hear a person say "one boots" there is a grammatical slip, but Carl says "one Butz is enough" (and perfect grammar, too). From now on there will be no need of an alarm clock for the night man. There will be a "real one" for night use. Congratulations to all the Butz.

The Philadelphia and New York delegations have all returned and everything now is activity, preparing for the Easter trade. Stock in nearly all of the greenhouses looks fine and there seems little reason to worry about there not being enough, and of good quality, to supply the trade in this vicinity.

Who says "What's in a name?"—a rose by any other name would smell as sweet. But if you want to run for office in this city as a florist and be elected the name must begin with "A". The political bee "buzzed" and the florist, as usual, was successful.

The past week saw the advent of the "Elks' Flower and Fashion Show," which was handsomely staged. All the exhibits were fine and it only awaits the final day to see whether the labor was warranted.

Joe Streit was a welcome visitor on his return from Philadelphia and bowled a game with Ludwig and Charlie. Michael Bloy, also of Detroit, and George Geraghty of J. H. Dunlop's, Toronto, Ont., were also visitors. BISON.

The Late Mrs. Delia T. Sperwin.

Mrs. Delia T. Sperwin, aged 55 years, died at her home, 127 Sixth avenue, Brooklyn, N. Y., April 4. It has been written that "the hand that rocks the cradle is the hand that rules the world," and she was a fine illustration of that saying. Left a widow 23 years ago, with two young children, she bravely faced the world and continued the retail business with honor and respect from all branches of the trade. Physically, a little woman, she had incomparable energy, honesty and attractiveness. We shall seldom see her like again. She is survived by two children, Francis A. Sperwin, who continues the business, and Mrs. O. W. Holmes; also two sisters, Miss May A. Carroll, who has been associated with her in business, and Mrs. F. E. Fishel. A. F. F.

OTTAWA, ONT.—Wm. Mepstead, who has been on the sick list for several weeks, is able to be at his range again and is fully prepared for the Easter rush.

BERLIN, ONT.—C. H. Janzen has taken over the wholesale business which was established here in 1878 by his father, H. L. Janzen. It is among the largest ranges in Canada, comprising 13 large houses

THE AMERICAN FLORIST

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Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ACCORDING to the United States census the United States has over 1,000 women florists.

WE are in receipt of year-book of the department of agriculture for 1915 containing a large amount of matter pertaining to the work of the department, 616 pages freely illustrated.

Personal.

O. J. Olson, of Holm & Olson, St. Paul, Minn., who was recently operated upon at St. Luke's hospital, that city, is reported progressing favorably and expects to be on hand for the Easter business.

GENIUS is only the power of making continuous efforts. There is no failure except in no longer trying. There is no defeat except from within, no really insurmountable barrier save our own inherent weakness of purpose.

Sphagnum Substitute for Cotton.

Consul Ingram, at Bradford, says in a report to the department of commerce, that sphagnum moss is being generally used in England. This moss before the war was exported to Germany for use in place of absorbent cotton, and among the country people the gathering of it has for many years been a profitable industry as they can sell any quantity of it to the nearest drug stores. It bleaches in a few days and becomes very soft.

Landscape Gardening Prize.

Mrs. Edwin H. Blashfield, wife of the artist, has offered a prize of \$100 for the finest landscape garden in the Seventh Regiment armory, New York, during the biennial convention of the General Federation of Women's Clubs, May 23-June 2. Landscape gardens are to be features of the decoration of the armory and will be put in by different landscape gardeners. Mrs. Blashfield offered the prize in memory of her mother, Mrs. Charlotte B. Wilbour, who was one of the founders of what is known as "The Mother of Clubs", Sorosis.

Has the Carnation Reached its Zenith?

ED. AMERICAN FLORIST:

WE have read with some surprise the statement regarding the keeping qualities of carnations in an article under the above caption by G. E. M. Stumpp, which appeared in your issue of April 8, page 598.

Our experience is entirely at variance to that described by Mr. Stumpp regarding the present keeping qualities of carnations, when he says "today we are lucky if they keep over night." During the cooler season of the year we have no trouble keeping our carnations a week if necessary and still have them in good condition for immediate use in funeral work, although it is seldom necessary to use such. April 9, after reading the article referred to above, we discovered a vase of Enchantress and White Enchantress carnations in our flower box that were labeled as having been cut March 24, or 16 days previous. While we would not use these for any purpose, yet they were still solid enough "to keep over night" and then some.

Our trade uses 10 dozen or more carnations to one dozen roses, and while this may be in a measure the result of our pushing carnations harder as we always have a more plentiful supply, yet a customer will frequently say: "I believe I'll take carnations; they keep so much longer."

We have never fed our carnations very heavy, and have often wondered just how heavy and what the carnation specialists feed.

This season to April 1 we have cut 71,000 carnations from 7,000 plants and they are planted closer than some other plants, making our returns per square foot very fair. Our carnations are of fair quality; at least, they please our customers here, and when we have a surplus sell at a fair price in our nearest wholesale markets.

G. A. KAUPP.

New York Summer Show.

A meeting of officials and members of the International Garden Club, including Mrs. Chas. F. Hoffman, Mrs. James L. Breese, Mrs. Chas. D. Dick-ey, Mrs. Amory Carhart, Mrs. J. J. Wysong, Mrs. H. de Berkeley Parsons and others who are interested in the forthcoming show to be held in the club's grounds at Pelham Bay Park, Pelham Bay, N. Y., June 1-4, met at the Hotel Biltmore, New York, April 7, there being between 60 and 70 present. Dr. Geo. Norton Miller presided.

The meeting was to consider the premium list already prepared by the schedule committee, to appoint a secretary-manager to carry out the arrangements for the show, and to make other provisions in that connection.

J. Harrison Dick, as secretary of the schedule committee, read a letter that he had sent to Mrs. Chas. F. Hoffman, president of the International Garden Club, on March 11, naming the gentlemen who had accepted invitations to serve on this committee, and incorporating in the letter the principal suggestions made by the committee. Appended was the preliminary schedule. Mrs. Hoffman thought that the sum of \$3,000 previously suggested would be all that the club could guarantee for prizes, and asked that the preliminary schedule be made to conform to this amount.

Short speeches were made in favor of the proposed show by Richard Vincent, Jr., president of the American Dahlia Society; Wm. Carter, secretary of the Bernardsville Horticultural & Agricultural Society; John Featherstone, president Tarrytown Horticultural Society; David McIntosh, secretary Tuxedo Horticultural Society; T. A. Havemeyer and B. Hammond Tracy, representing the American Gladiolus Society; P. W. Popp, corresponding secretary of the Westchester & Fairfield Horticultural Society; Anton Bauer, Deal (N. J.) Horticultural Society; Bertrand Farr, president of the American Peony Society, and W. A. Manda, speaking as an exhibitor.

It was generally agreed that a charge of \$5 should be made for entrance on the first day, \$1 the second day, 50 cents the third day, with one free day. This matter, however, together with the appointment of the various committees, was left in the hands of the executive committee of the International Garden Club.

Harry A. Bunyard proposed, and John Canning seconded, the appointment of Arthur Herrington as secretary-manager, which was unanimously agreed to. The date June 1-4 was definitely adopted.

It is hoped that the new preliminary schedule will be published within the next few days, but other cups, donations or prizes from societies or individuals are expected, and may be added to the final schedule.

Very considerable interest was shown throughout the proceedings, the general verdict being that a summer show properly organized and carried through, was what was wanted, and that it would be desirable for the smaller organizations to combine and make one thoroughly representative show.

Promise of support was received from various members of other garden clubs, including those of New Rochelle, New Canaan, Ridgefield and Cheltenham.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616, care American Florist.

Situation Wanted—As an all-round florist; can handle carnations, bedding plants, etc. Address Depot Hotel, 740 S. Dearborn St., Chicago, Ill.

Situation Wanted—As assistant on private place, 12 years' experience, good references. English. Address Key 626, care American Florist.

Situation Wanted—Man thoroughly experienced and capable of taking charge of a private or commercial place. Address Key 619, care American Florist.

Situation Wanted—Well educated young lady wants an apprenticeship, with room and board, with florist, where she can learn designing. M. CARTMILL, 1327 Clark St., Stevens Point, Wis.

Situation Wanted—All around man. Experience in both private and commercial place. Single. Can come well recommended. Ready to start at once. JOHN FLEY, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address Key 622, care American Florist.

Situation Wanted—By practical gardener as head man, life experience in all branches of gardening; thoroughly understands the growing of all greenhouse plants, cut flowers, fruits and vegetables, lawns and flower gardens. Age 35, married; private place preferred. E. ADAMS, No. 11 South St., Niagara Falls, Ont.

Help Wanted—Helpers wanted in rosehouses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Experienced girl to act as cashier and wait on trade in retail flower store. GEO PERDIKAS 497 S. Wabash Ave., Chicago.

Help Wanted—Experienced salesladies for loop store. Apply at once—CHICAGO FLORAL HOUSE, 41 West Randolph Street, Chicago, Ill.

Help Wanted—Experienced gardener for good position. Single man preferred. OAK HILL CEMETERY ASSOCIATION, Lebanon, Ind.

Help Wanted—Elderly man to help about greenhouse and barn. State wages with room and board. Address A. W. MEYER, South Holland, Ill.

Help Wanted—Storeman, capable of making artistic baskets, corsages, etc., and handle high class trade. Permanent position. W. W. ADAMS, 1021 Rush St., Chicago.

Help Wanted—Good grower of general stock for retail trade. Single. Wages, \$30.00 per month with room and board. ALTON FLORAL CO., Alton, Ill.

Help Wanted—Reliable married working man, having a little experience, for routine work in greenhouse and garden. LEVANT COLE, Battle Creek, Mich.

Help Wanted—Several experienced men wanted in our chain of stores. Steady positions. Apply at once. JOSEPH TRFEL, 334 Lewis Ave., Brooklyn, N. Y.

Help Wanted—An experienced young man for nursery and greenhouse work. Wages, \$15.00 per week. Give references. H. G. W., 312 W. Chestnut St., Louisville, Ky.

Help Wanted—Young man as general assistant in commercial greenhouse establishment. State age, experience and wages. Address Key 625, care American Florist

Help Wanted—Experienced florist to take charge of greenhouses and grounds, private sanitarium. Single man preferred. Married man, no children, considered if wife willing to accept employment. THE OXFORD RETREAT, Oxford, Ohio.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address Key 628, care American Florist.

For Sale—Old established florist business; three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, automobile, fixtures and supplies will invoice the amount. Possession at once. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

Big Bargain—If you want an 84 ft. corner with over 4000 feet of new glass, stocked, and a six room cottage right in Chicago for \$5,600 (that is the bottom price) call any Saturday afternoon, Sunday, or evening or write to owner, T. GRABOWSKI, 4523 W. Addison St., near Milwaukee Ave.

HELP WANTED

Having dissolved the partnership of Bloy & Streit to take effect June 1st, I will be in need of an up-to-date grower of pot plants; must thoroughly understand the forcing of all holiday stock, bedding plants, etc., for a general retail business, to assume full charge of the growing end and be responsible for results. To one who can fill the bill and is a good hustler, there is a bright future. Wages \$25.00 per week. Don't answer unless you can produce the goods; references required. All answers confidential.

M. BLOY,
880 Van Dyke Ave., Detroit, Mich.

HELP WANTED

Head Gardener

Write to CIVIL SERVICE BUREAU, Court House, St. Paul, Minn., for information regarding the examination to be held April 21. The examination will be unasssembled and may be written by the applicant at his home.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Delivery Wagon For Sale At A Bargain.

Formerly used by the Fleischman Floral Co., and later by the Washington Shirt Co., who have just added automobiles to their delivery service. Wagon has rubber tires and is one of the classiest in use in Chicago today. \$250 cash takes the whole outfit, including a fine new double set of harness valued at about \$250. Call on or address

Mr. Rossbach, care Washington Shirt Co.
Jackson and Dearborn Sts., Chicago, Ill.

For Sale—On account of age and death in family, I offer for sale my greenhouse property and business which I started 35 years ago. It is located in a prosperous city in Indiana; present population 75,000 and growing rapidly. All the surrounding territory is thickly populated, with several nearby towns of from 5,000 to 15,000, connected by interurban, in which I have a great number of customers. The business is well established, the real estate very desirable, and all improvements in first class conditions. The property consists of real estate with a frontage of 158 feet on a modern paved street with street car line. It extends back 275 feet and also has a frontage of 146 feet on a fine residence street at the back. The improvements consist of a new modern cottage with gas, electric lights, bath and sewerage connections; three greenhouses, each 23x100 feet, heated by hot water; office, barn, large packing shed and warehouse, and a modern, new well equipped boiler-room. The greenhouses are well stocked with carnations and bedding plants. This is a fine opportunity and must be seen to be appreciated. Write me for full particulars. Address

Key 624, care American Florist.

FOR SALE

Tract of 85 acres of good land, nearly all level, including four dwellings, three barns, greenhouse, nursery stock, chicken houses, sheds; about 40 acres devoted to orchards, berries, rhubarb, asparagus, etc.; one-half mile from street car line and three and one-half miles from center of thriving city of over 80,000, which offers quick cash market for all produce. One hundred and seventy-five miles from Chicago and 110 miles from St. Louis, with excellent shipping facilities to both points. Price, \$350 per acre; one-third cash, balance on satisfactory terms. For further particulars, address

Key 612, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago



HYACINTHS

Large assortment of pans, with 3 to 7 bulbs each, pink, blue and white, at 25c, 35c, 40c and 60c each. Dandy sellers. Order early.

SPIRÆS

Queen Alexandra and Gladstone.

Beautiful plants,
35c and 50c each.

Pyfer & Olsem
WILMETTE, ILLINOIS

Milwaukee, Wis.

SATISFACTORY TRADE CONDITIONS.

Considering that the supply of cut flowers, especially roses, the past week, was really abundant and nothing to speak of was left after the job lots were disposed of, one can truthfully be satisfied with trade conditions. And, all in all, the stock, owing to the continued cold nights and bright days, is in prime condition. As before mentioned roses were very plentiful with sweet peas and carnations a close second. While there are enough cut Easter lilies for all needs, they are not too plentiful. Violets are on the down grade and their exit is a matter of a short time. Prospects for the 1916 Easter, as far as the supply of cut flowers and potted blooming plants are concerned, are in A 1 shape at this time, and if all goes well there will be enough good stock for rich and poor alike. Lilies are in fine shape ("just right," as the grower says) and pot plants never were better. With a brisk demand, the 1916 Easter will be one long to be remembered.

CLUB MEETING.

The club meeting held April 6 was well attended, but nothing of importance seemed to be doing until nearly time for adjournment, when somebody started something. It all centered on the idea of co-operative advertising, and before we left for home the chairman appointed a committee of six to formulate plans and raise a substantial fund to be used for co-operative advertising for twelve months, from May 1, 1916. Details will be announced in due time.

NOTES.

Since its inception 20 years ago, the M. A. McKenney Co. (then Miss McKenney) has conducted its business at 417 Milwaukee street, being the pioneer retailer on that thoroughfare. By

giving its patrons first class service in every respect, this firm has worked up a business which today demands more and better space. This has induced them to lease a store at 113 Wisconsin street for a period of 10 years, the time to begin about June 1. The most beneficial factor of the new store, which will increase their present floor space by 100 per cent, is the more daylight problem; being located next to an alley, it will get direct light from two sides.

Now that he has his arm out of the cast, C. C. Pollworth is again able to write with more ease. The Holton & Hunkle Co.'s stock of roses, carnations, lilies and other blooming plants are in A-1 shape. This firm also reports a good batch of advance orders for the Easter trade at this writing.

Business must have increased wonderfully with Wm. Zimmermann, for he has moved into more spacious quarters, just across the street from his former stand at Grand avenue and Fifth street. Being an L shaped store, he now has one entrance on Grand avenue and one on Fifth street.

Gust. Rusch, of Gust. Rusch & Co., claims from personal observations of late years, that the volume of business done in palms is not on the increase due to the fact that some churches now conduct their confirmation exercises in the month of June.

Kamp & Spinti, of North Milwaukee, have several benches planted to Easter lilies, which will come in just on time for the Easter business.

H. L. Von Trott, recently with A. F. Kellner Co., will leave for Chicago in a short time to make that city his home.

E. O.

BROOKLYN, N. Y.—Patrick J. Tracy, who for many years conducted a flower store at Court and Harrison streets, died March 19.

Los Angeles.

FUNERAL WORK BULK OF TRADE.

Business was better in all lines this week than for several weeks past, the bulk of it being funeral work. The death of a pioneer merchant furnished orders for everybody. It now appears that there will be a plentiful stock of plants for Easter. Rhododendrons are especially fine. All are looking for a big business. Roses are in excellent condition now, of course, and the supply is ample. Cecile Brunner is arriving in plentiful supply. Ranunculus and tulips lead among the bulbous flowers.

NOTES.

Wright's Flower Shop had one of the finest window displays in the city recently. It was made up of baskets. There were ranunculus in every shade and color, anemones, tulips, roses, lily of the valley, and many novelties, each variety banked in baskets. The entire force were busy; in fact, they are always busy.

The Broadway Florists, 416 South Broadway, are putting up lath at Hawthorne, where they will grow their own greenery and many plants and flowers. They have doubled their force at the store and are certainly getting their share of business.

J. W. Wolter's force was found busy working funeral designs. This store is always showing stock to good advantage. That will help sales. A recent feature of the store's display was a schizanthus, a plant not very common here.

O. C. Saakes reports a good business during the past week. He intends having a large stock of all seasonable plants for Easter and is looking forward to an exceptionally good trade.

Wolfskill Bros. and Morris Golden-son arranged some fine wreaths and lots of them. They have been rushed with funeral work.

G. H. H.

1000 Cases of Rose Bushes, Rhododendrons, Boxwoods, Evergreens, Bulbs, Etc.

Two Mammoth Auction Sales

At Eleven O'Clock A. M., each Tuesday and Friday.

Goods offered in lots to suit the small and large buyer. SEND FOR CATALOGUE.

The Largest Horticultural Auction Rooms in the World.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

Cleveland.

GOOD EASTER SUPPLY IN SIGHT.

The demand for stock has been good and the supply adequate. Carnations, although plentiful, clean up nicely, particularly in the better grades. Roses of all grades and varieties are plentiful, the demand good, and the quality excellent for this time of the season. As Easter approaches, the supply of Easter and calla lilies is increasing, and good stock will be plentiful, but early ordering is advisable. Tulips, daffodils and other bulbous stock bids fair to be equal to the demand, as a good supply of Bi-color, Golden Spur, and Von Sion daffodils, Murillo, Yellow Prince, La Reine, Kaiserskroon, Crown O'Dor and red tulips, besides a goodly array of hyacinths, are coming along nicely and will be in fine shape for the great flower day. The cool weather has kept violets in better shape than they usually are at such a late date, and the Easter crop promises to be of exceptionally good quality. Sweet peas, too, are going to be in good supply, also Ward roses and lily of the valley for corsage work. Short Easter lilies for funeral work are arriving daily. Snapdragon is good stock and orchids have a good call. Asparagus plumosus and Sprengerii are scarce.

NOTES.

Another "flower stand" will open in the Euclid Arcade this week. Mr. Guempf, who is perhaps better known through his "Palm Protectors", and who lately worked for F. Witthuhn, will manage the business. He has had experience, both in growing and selling, and no doubt will make a success of the venture.

Timothy Smith, for many years connected with the Smith & Fettes Co., 735 Euclid avenue, is going into the seed business for himself in the market building at East Forty-sixth and Euclid avenue. He has the best wishes of the trade and his many friends in his new venture.

J. Keck has opened a flower shop at 8700 Cedar avenue, and will do a general cut flower business, handling plants, doing landscape work and funeral designs.

All day Saturday, April 8, it snowed here, and it looked like winter, but business was good, nevertheless.

The Women's Florists' Club held a banquet at the Hollenden hotel, Monday evening, April 10. C. F. B.

PENNYLYN, PA.—Campbell Bros. are adding one house, 35x200 feet, to their range.

LATEST EDITION

ISSUED JULY 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5.....	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Minneapolis.

The market is brightening up under the favorable weather conditions and everything is cleaning up well. Carnations are selling at three and four cents, roses vary from three to twelve cents, tulips and daffodils bring three cents and lilies sell at 10 cents.

NOTES.

At the April meeting of the florists' club, Max Kaiser read a very interesting paper on "Bulbs", which brought forth many compliments from the growers present. He gave them much valuable information. At this meeting the florists decided to stimulate Mothers' day business with co-operative advertising. Hugh Will is chairman of the committee having the arrangements in charge. A communication was received from the Minneapolis Retailers' Association in which the action of the florists in improving conditions of streets and alleys through enforcement of the city statutes prohibiting obstructions was endorsed by the retailers' association.

Wm. Vasatka at Donaldson's greenhouses has two fine houses of lilies that are going to be in good shape at Easter. A house of French hydrangeas and another of rambler roses are also noteworthy.

W. D. Desmond returned from Philadelphia after stopping at several of the eastern cities, full of enthusiasm for the Philadelphia show and the hospitality accorded him.

It is rumored that there will be several big changes in the local trade after Easter, with several additions to ranges already in operation as well as new ones in the field.

Will Bros. have the violet trade all to themselves as all of the other growers have thrown them out. Their stock is high in quality and sells easily at top prices.

The Minneapolis Floral Co. is cutting some very fine Ward and Hadley roses. Easter stock at this establishment is coming on in fine shape.

T. C. Rogers has been suffering during the past two weeks, both of his hands being poisoned.

Max Kaiser is wearing his Easter smile—3,000 lilies are just right for the big flower day.

Theodore Wirth, superintendent of parks, is getting things in shape after a hard winter.

O. E. Amundson has added a pri-

vate office to his store which is quite an improvement.

The lady florists of Minneapolis met at the home of Mrs. John Monson April 11.

A. S. Rice, of Rice Bros., is captain of the Minneapolis florists' base ball team.

C. W. Crum has resigned his position at R. M. Chapman's.

A. Lauritzen is cutting some excellent Spencer sweet peas.

Hans Rosacker is in full crop with roses and carnations. T. C. R.

Kansas City.

GOOD DEMAND WITH AMPLE SUPPLY.

Last week this city experienced a return to winter, snow covering the ground on several days and the temperature falling below the freezing mark. Business, however, has been good, there being numerous funeral orders, decorations and a call for flowers for various social functions using up much stock. Pot plants are becoming more popular every day and some very fine stock in numerous varieties is seen. Cut roses are more plentiful and all the popular varieties are now obtainable. Killarneys, both pink and white, leading in numbers. Carnations are still plentiful, but the quality is good and prices remain firm, while sweet peas are abundant and cheap in price. Some fine Spencers are to be seen. Easter lilies are in good supply and are fine in quality.

NOTES.

The Geo. M. Kellogg Flower & Plant Co. had the order for a large wedding during the past week that called for quantities of ferns, palms and smilax and an arch of carnations. The bride's and bridesmaids' bouquets also used much fine stock in roses and lily of the valley.

The Wm. L. Rock Flower Co. reports trade conditions A-1. Carnations are slowing up somewhat but sweet peas and roses are arriving in better supply. The lily supply at this establishment promises to be plentiful for Easter.

Patrick Larkin is rushed with orders for funerals and social events. The outlook for Easter trade is good and several nice orders have already been booked for the occasion.

H. Kusik & Co. are prepared to handle a big Easter demand but are still behind in the wire work department.

Lilies, roses, carnations and sweet peas are seen here in quantity.

Mrs. J. A. Mosely, of Kansas City, Kan., is busy stocking up with Easter plants and anticipates a "bumper" demand. She has been very busy of late with funeral orders.

Chas. Biederman & Son have several large orders for decorations and trade in general is booming with them. A Ford delivery car has been added to their service.

A. Newell still features pot plants and sales continue very good. He is booking many advance orders for Easter. Funeral work is on the increase.

The trade extends its sympathy to Mr. Atkins, head designer of the Alpha Floral Co., whose mother was called by death, April 6.

W. J. Barnes reports that his Easter stock is coming along in splendid shape. Funeral work has been very heavy here.

T. J. Noll & Co. are receiving stock in good supply and report good business in all departments.

Ed. Humfeld reports business very satisfactory. His Easter stock is coming along in fine shape.

Local nurseries all report planting at its height and the biggest year ever is looked for. E. J. B.

Holyoke and Northampton Club.

The regular meeting of the Holyoke and Northampton Gardeners' and Florists' Club was held April 4, with F. D. Keyes and Son, Florence. In spite of disagreeable weather, a good representation of members assembled. The topic of the evening was "Easter Plants", which was handled by Harold Keyes in a comprehensive manner. A good discussion ensued. A. S. Thurston and G. H. Sinclair entertained the less fortunate members with descriptions of the national flower show. Exhibits were made by Keyes & Son, who staged some extra good callas, a pink sport of Carnation Enchantress, and Primula obconica gigantea. Butler & Ullman showed Hydrangea Radiant and Sweet Pea Yarrow. G. H. Sinclair showed Buxton's Silver Pink snapdragon in good form. Good plants of Nemesis strumosa Suttoni were shown by H. E. Downer. This is a charming annual which flowers in a few weeks from date of sowing and should prove a useful pot plant for the florist. H. E. D.

Attention==New England Trade EASTER LILIES LILIUM GIGANTEUM

In Crates of 25 plants ready for shipment

Price, \$12.00 per 100

PLACE ORDER EARLY

Choice assortment of Azaleas, Crimson Ramblers,
Spiraeas, Genistas, Hydrangeas, Hybrid Roses,
Cut Flowers, Novelties, and Florists' Supplies.

PATRICK WELCH, BOSTON, MASS.
262 DEVONSHIRE STREET

Pittsburgh.

GOOD SUPPLY AND FAIR PRICES.

Plenteousness abounds in the local flower market at the present time, and typical spring crops are evident among all the growers. Prices remain fair, but are expected to steadily advance with the coming of Easter. The quality of everything offered is exceptionally good, especially of sweet peas. A new departure this spring has been the handling of gladioli from Florida. It has proved to be an impractical undertaking, however, as two out of every three shipments are sure to arrive in worthless condition, due to the long journey. Sweet peas have also been tried in the same manner before, but met the same conditions. The retail stores are displaying some beautiful Easter plants of surpassing size and quality, touched off here and there with a neat bow or some new idea in effective pot covering.

Calm spring weather has been the rule for the past while back, with the exception of a belated snowstorm on April 8 making the outlying districts, in some places, a sea of mud.

NOTES.

Wm. J. Ferguson, formerly of G. P. Weaklen & Co., is making preparations to open a flower shop in the East Liberty district on Penn avenue. Mr. Ferguson's long experience in the retail business is an assurance that his new venture will meet with success.

The A. W. Smith Co. is staging a massive exhibit of attractive plant arrangements in their Liberty avenue and Seventh street windows, which is attracting a great lot of attention from the passers-by.

The floral department of Kauffmann's reports a record breaking week just passed. A special Saturday "dol-

lar box" of flowers features the weekend.

The Victoria Flower Shop has moved from 411 Seventh avenue to its new quarters in Wm. Penn place, opposite the new Wm. Penn hotel.

Visitors: Chas. H. Netsch, Buffalo, N. Y.; J. Ramsfelder, New York; Howard Potter, Cleveland, O., and A. Lange, Chicago.

Manager Shaefer, of the Indiana Floral Co., was in town Monday, calling on local trade.

J. M.

Cincinnati.

BUSINESS BELOW NORMAL.

Last week's market was hardly as good as it might have been. The demand for stock was fair and steady, but receipts were so heavy that it was impossible to realize any substantial returns for the single flower. Shipping business is fairly good. Rose offerings include some very fine Killarney, Ophelia, Hoosier Beauty and American Beauties. Carnations are in a heavy supply and the stock is generally of good quality. Some very fine Easter lilies are coming into the market. They are plentiful. Sweet peas, generally, are excellent, and are in a very heavy supply. Bulbous stock is offered in fair quantities. It has a fair market. Other offerings include callas, lily of the valley, orchids, violets, lilac, calendulas and snapdragons.

NOTES.

The regular meeting of the florists' society was held Monday evening at Hotel Gibson. R. Witterstaetter presided in the absence of President C. E. Critchell and Vice-President Henry Schwarz. He gave a detailed and an interesting talk on the wonders of the Philadelphia flower show.

Henry Schwarz has been suffering

from what appears to be a nervous breakdown from the severe strain of the winter's work.

Ed Schumann injured his foot last week, when, in order to save time, he jumped down into the boiler room.

E. G. Gillett has been having an excellent lot of Easter lilies from Maryland.

P. J. Olinger has been cutting some very fine Killarney and White Killarney.

Hoffmeister Floral Co. has purchased an auto delivery truck.

C. E. Critchell has been having an excellent lot of lilac.

H.

Chicago Bowling.

The Florists upset all the dope in the North Chicago Bowling League last Thursday evening, April 6, by beating the leading Birk Brothers and hanging up a new team average record for that circuit. The new figures which the florists established are 1,049 flat, and were made with counts of 996, 1,055 and 1,096. Fred Price was the leading pin getter for the team with a rating of 235 1-3, while three other members of the squad had better than 200 for an average. The Birk Brothers traveled at their usual gait with a mark better than 900, but their opponents had the pins falling for them and the leaders never had a look in. Jack Byers was the official score keeper and the scores for the evening were as follows:

Players.	1st Game.	2d Game.	3d Game.
J. Huebner	179	192	248
W. Lorman	212	195	212
A. Zech	176	195	189
F. Price	221	239	246
Olsem	208	234	201
Totals	996	1055	1096

Easter Cut Flowers---Pa

CUT FLOWER DEPARTMENT

Headquarters for finest quality

EASTER LILIES

Orchids, Valley, Carnations, Sweet Peas, Tulips,
Jonquils, Iris and Snapdragons.

ROSES

American Beauties, Mrs. Chas. Russell, Ophelia,
Sunburst, Hoosier Beauty and Aaron Ward.

EASTER PRICE LIST—Prices Subject to Change
Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100...	\$4.00, \$6.00 to 8.00

	Per 100
Hoosier Beauty	
Richmond	
Hadley	Special .....\$15.00
Ophelia	Long ..\$10 to 12.00
Sunburst	Medium 6 to 8.00
Milady	Short 4.00
Killarney Brilliant	

	Per 100
Bulgaria	
Aaron Ward	Special .....\$12.00
Killarney	Long ..\$8 to 10.00
White Killarney	Medium 6.00
	Short \$3.00 to 4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$5.00
36-in.	4.00
30-in.	3.00
24-in.	2.00
18 to 20-in.	1.50
Short	per 100, \$6.00 to 8.00

MINIATURE ROSES

	Per 100
Cecile Brunner	\$3.00
Geo. Elgar	3.00
Fire Flame	4.00

CARNATIONS

	Per 100
Best Fancy, all colors	\$6.00
Splits, Red and Dark Pink.....	3.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES

	Per 100
Long	\$15.00
Medium	12.00
Short	10.00

ORCHIDS

	Market Price.	Per Doz.
Cattleyas		\$6.00

MISCELLANEOUS

	Per 100
Jonquils and Daffodils....	3.00 to 4.00
Tulips	4.00
Sweet Peas, Common	\$0.75
" " Spencer.....	\$1.00 to 1.50
" " Orchid flower- ing.....	1.50 to 2.00
Snapdragon, long.....	1.50 to 2.00
" " medium.....	.75 to 1.00
Mignonette, fancy.....	8.00
" " medium.....	4.00 to 6.00
Daisies	1.00 to 2.00
Smilax	doz., 3.00
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown	1000 \$1.50
" " " "	100, 2.00
Leucothoe	100, 75
Mexican Ivy.....	1000, \$6.00; 100, 75
Ferns	1000, 3.00; 100, 35
Boxwood	bunch, 25c; case, 8.00
Wild Smilax	per case, 5.00

72-74 E. Randolph St.,

POEHLMAN

L. D. PHONE

Plants--Baskets--Supplies

SUPPLY DEPARTMENT

Everything you need for Easter, so place your order here.

Limited Supply EASTER BASKETS

French Style

46 inches high, - - \$2.00 each
36 inches high, - - 1.50 each



No. 124-1.

Cut Flower Basket

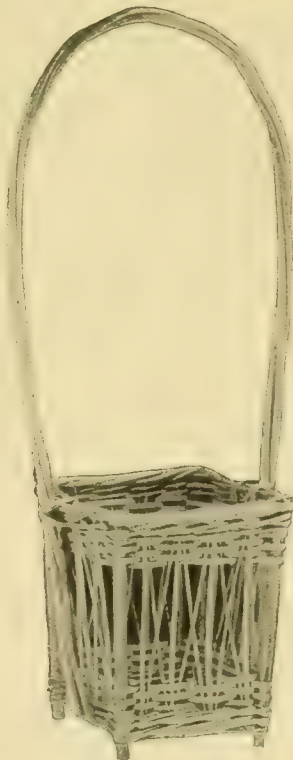
Bamboo, Natural.

5 in. wide, 8½ in. deep, 23 in. high.
With liner . . . each, 25c

No. 218-1-2.

Open Willow, Liner Included.

1—3x3 . . . each, 25c
2—4x4 . . . each, 35c



No. 218-1-2.



For Easter Decorations

Iridescent Ruscus, Birch Bark,
Cedar Bark and Cork Bark.

ORDER NOW

We can supply Mats, Crepe Paper,
Tape, Chiffons, Tying Ribbons, Green
Bamboo Stakes, Match Sticks, Etc.

Special Bull Dog Clips

Per 1000, 65 cents.



The only article for use in securing paper on plants
quickly. Try them and see.

N BROS. CO.

CHICAGO, ILLINOIS

RANDOLPH 35.

EASTER FLOWERS

**Beauties--Roses--Sweet Peas--Lilies
Carnations, Also Fancy Russell Roses**

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of
**Russell, Ophelia, Killarney Brilliant, Pink Killarney,
White Killarney, Rhea Reid, Richmond and Sunburst.**

LILY PLANTS

All **Giganteums** strong growth, packed without pots, about 100 to 125 buds to the box, the ball of dirt being securely wrapped in paper. Plants packed in this manner travel in much better shape and cost very much less express. Prices, plants 15 inches and over above the pot, 10c per bud; shorter plants, 8c per bud.

Cut **Lilies**, medium length, \$10.00 per 100, or \$1.50 per dozen.

SWEET PEAS

Zvolanek's Orchid-Flowering varieties. Sell according to length of stem at from \$1.00 to \$2.00 per 100.

BULB STOCK

At market prices depending on quality. **Jonquils, Daffodils,
Tulips**, (double and single), and **Paper Whites**, a large supply

PRICE LIST.

American Beauties		Per doz.	Mrs. Russell		Per 100
Extra long stem, specials.....	\$5.00 to \$6.00		Extra long stem	\$20.00 to \$25.00	
Medium	2.00 to 4.00		Good medium	10.00 to 15.00	
Shorter lengths.....	.75 to 1.50		Good short	6.00 to 8.00	
Brilliant, Sunburst, Ophelia, Richmond and Rhea Reid		Per 100	Pink and White Killarney		Per 100
Extra long stem	\$10.00 to \$12.00		Extra long.....	\$8.00 to \$10.00	
Good medium.....	8.00		Good medium	6.00 to 7.00	
Good short	5.00 to 6.00		Good short	4.00 to 5.00	

ROSES, our selection, in lots of 200 or more, at the rate of \$4.00 per 100.

CARNATIONS

Red, extra fancy **Belle Washburn**, \$6.00 per 100; Pink and White, extra fancy, \$5.00 per 100.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

BUSINESS IS BETTER.

Trade the past week has shown some improvement and at times the market cleaned up pretty well in certain kinds of stock but at that there was always plenty of everything to go around. Roses especially are plentiful and some exceptionally fine Mrs. Chas. Russell are obtainable and are showing wonderful color. Killarney and Killarney Brilliant are also showing good color and are in good demand. White Killarney and Double White Killarney are seen in large numbers and are moving well. Richmond are in good supply and the same holds good for Hadley, Milady, Rhea Reid, Hoosier Beauty, Richmond, Sunburst, Ophelia, Mrs. Aaron Ward, Lady Hillingdon, My Maryland, Mrs. Moorfield Storey, Prince de Bulgaria, Cecile Brunner, George Elgar and Fireflame. American Beauty roses are plentiful and fancy stock in the longer stemmed grades are bringing good prices. Lilies are in extra large supply with very little fancy long-stemmed stock being offered. Some fine callas are seen and are bringing fairly good prices. Carnations

EASTER LILIES

Fine long stemmed flowers, \$8.00 to \$10.00 per 100.

Double Violets, 50c to 75c per 100.

M. C. GUNTERBERG

158 North Wabash Avenue,

CHICAGO, ILL.

are in large supply and at times appear to clean up well, but are not bringing the price that they should. Sweet peas are arriving in large quantities and very fancy stock is to be had at very reasonable prices. At times they accumulate to such an extent that they are sold in large lots at greatly reduced figures. Lily of the valley, gardenias and orchids appear to clean up well each day and there is hardly ever any surplus to speak of. Violets, both single and double, are to be had in quantity and were offered in the streets during the warm days last week at 15 and 25

cents per bunch. Snapdragons and straw flowers of unusually fine quality are attracting the attention of the buyers and are seen featured in the window displays of the leading florists. Stocks, daisies, calendulas, forget-me-nots, lupines, candy-tuft, pansies, mignonette, tulips, hyacinths, gladioli, daffodils, jonquils, Spanish iris, freesias, lilac and anemones are included in the offerings and the buyer now has a splendid variety to select from. Ferns are none too good and the percentages of loss on stock now being taken from storage is very heavy and nearly every case has to be gone

HEAVIEST EVER CROPS OF ROSES FOR EASTER

You Can Get What You Want Here In

American Beauties

Milady

Killarney

My Maryland

White Killarney

Mrs. Chas. Russell

Richmond

Sunburst

Ophelia

Our prices for Easter this year are very reasonable when the exceptionally fine quality of the roses that we are offering is considered. Send us your order as early as possible and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Plenty of Red, White and Pink for everybody at \$4.00 to \$5.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Violets and Complete Line of Greens.

Easter Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$6.00
48-inch stems	5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short	\$0.75 to 1.00

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	
Sunburst.....	
Ophelia.....	
Milady.....	
Extra select	\$10.00
Select	8.00
Medium	\$5.00 to 6.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00 to \$4.00
Select	2.50
Medium	1.50 to 2.00
Short .....	.75 to 1.00

Per 100

ROSES, our selection.....\$4.00

Carnations, fancy	5.00
Select	4.00
Harrisii	\$12.50 to 15.00
Valley	4.00 to 5.00
Violets .....	.75 to 1.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000.....	\$3.00 .35

2,000,000 Feet of Modern Glass

PETER REINBERG

Wholesale Florist

30 East Randolph St.,

Long Distance Phone
Central 2846
601

CHICAGO

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

BEAUTIES--ROSES--CARNATIONS

Our Range of Greenhouses is One of the Three Largest
in America and will be in Full Crop for Easter.

Easter Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00

White--KILLARNEY--Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$10.00
Selects	8.00
Fancy	6.00
Good	5.00

ROSES, OUR SELECTION 4.00

CARNATIONS.

	Per 100
Extra Special Red	\$5.00
Enchantress, Pink and White	5.00
Good	4.00

LILIES.

Per 100
Fancy\$12.50 to \$15.00

Miscellaneous.

Ferns, per 1,000.....	\$3.00
Smilax, per doz.....	2.50
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch..	.50

Other Green Goods Market Rates.

over carefully and the stock rebunched, so it would not be at all surprising if the prices advanced soon. Carnations will be in short supply for Easter and more so than the growers at first thought they would be, but it appears as if there will be plenty of Killarney, White Killarney roses and lilies for the big day. There will be more bulbous stock than anyone expected, owing to the late date of Easter, but taken all in all it is advisable for everyone to place their orders right away if they have not already done so, for it would not be at all surprising if the market cleaned up early Easter week. Plants of all kinds are in good demand and it looks like another big cleanup in this line again this year.

NOTES.

Poehlmann Bros. Co. is having a brisk demand for Easter plants and expects to clean up in all lines long before the rush is over. They are featuring some particularly fine hydrangeas, lilies, rhododendrons, azaleas, spireas, begonias, cyclamens, etc. They will have a large cut of roses for Easter in all the leading varieties and while they will have large cuts of carnations there will not be any too many to go around before the big rush is over. In the supply department T. E. Waters and his assistants are very busy getting out the shipping orders, and from present indications it looks as if this concern will have one of the best Easter trades in years. The home of M. A. Griffith, head bookkeeper, was completely destroyed by fire last Friday, April 7. John Enders has been down to the store several times last week and will give the store force a lift during the Easter rush.

Zech & Mann's store force will bowl W. H. Amling's greenhouse force at Maywood, Thursday evening,

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

HEAVY SUPPLY Cut Flowers for Easter

For prices see our page advertisement in April 8
issue of THE AMERICAN FLORIST, Page 621.

Fancy Ferns, \$3.50 per 1000

Just what you need for the Easter rush. Carefully
selected and the best obtainable in this market.

Chicago's Largest Dealers in Decorative Greens

Mention the American Florist when writing

April 13, when an exciting contest is looked for. Allie Zech believes that a little recreation will do the boys good and make them work just a little bit harder during the Easter rush. A couple of fellows saw Allie going home

the other night with what looked like a "tin Lizzie" tucked away in his vest pocket—sure, it's a Ford.

The Chicago Floral Co. has signed a ten year lease on the store it now occupies at 144 North State street.

A.L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

LILIES--BEAUTIES--ROSES--ETC.

Get Our Quotations on Lilies and Other Stock in 1000 Lots

EASTER PRICE LIST

Subject to Change
Without Notice.

Beauties.	Per doz.
Long stems	\$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	\$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$20.00 to \$25.00
Good medium	10.00 to 15.00
Good short	6.00 to 8.00

Roses.

Ophelia, fancy	\$12.00
" good	\$5.00 to 6.00
" short	4.00
Killarney, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00

	Per 100
Richmond, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$6.00
-----------	------------------

Carnations.

	Per 100
Carnations	\$3.00 to \$4.00
" special fancy	5.00
" splits	2.00

Easter Lilies.	Per 100
Select	\$12.50 to \$15.00
Shorter	8.00 to 10.00

Miscellaneous

	Per 100
Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00

Greens.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprenger	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 3.00
Galax Leaves	per 1,000, 1.00
Boxwood, per lb., 25c	50-lb. case, 7.50
Pussy Willow	per bunch, .35 to .50

LILIES--ROSES FOR EASTER

Carnations-Violets-Valley-Sweet Peas-Orchids-Callas-Greens-Etc.

Strictly fresh stock in everything that you need in Cut Flowers and Greens for Easter. We are going to have a bigger and better supply than ever this year, and will be pleased to have you favor us with your order. Order what you want, no matter what it is or how much you want, and we will serve you to the best of our ability and your satisfaction.

EASTER PRICE LIST.

BEAUTIES.	Per Doz.
Long stems	\$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	\$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

ROSES.

KILLARNEY, WHITE KILLARNEY,	
RICHMOND, WARD, SUNBURST,	
MARYLAND, KILLARNEY	
BRILLIANT.	

	Per 100
Special	\$10.00
Fancy	8.00
Good	\$4.00 to 6.00

ROSES, our selection	Per 100 \$4 00
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ORCHIDS.

Cattleyas	per doz., \$6.00
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CARNATIONS.

Carnations	\$3.00 to \$ 4.00
" special fancy	5.00
" splits	2.00

EASTER LILIES.

Select	\$12.50 to \$15.00
Shorter	10.00

MISCELLANEOUS.

	Per 100
Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas	.75 to 1.50

MISCELLANEOUS.	Per 100
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00

GREENS.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprenger	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 3.00
Galax Leaves	per 1,000, 1.00
Pussy Willow	per bunch, .35 to .50
Boxwood, lb., 25c	50-lb. case, 8.50
Leucothoe	per 100, .75 to 1.00

ERNE & KLINGEL

WHOLESALE FLORISTS

30 E. Randolph St.,

L. D. Phone Randolph 6578

CHICAGO, ILL.

There has been a steady stream of trade visitors here returning from the Philadelphia and New York shows. President MacRorie of the Society of American Florists reached the city April 8, accompanied by Angelo J. Rossi, of San Francisco, Calif., and James Forbes, of Portland Ore. This party, with Samuel Murray, of Kansas City Mo., visited the Poehlmann establishment at Morton Grove, April 9, and were shown through the great plant and cut flower ranges there by August

and Adolph Poehlmann. W. L. Rock, of Kansas City, Mo., was here Monday discussing telegraph delivery problems with August Lange, George Asmus and others interested in that subject.

J. A. Budlong is in good crop with roses in all the leading varieties, but Manager Schupp does not look for any surplus in any line for Easter. His firm is handling some fine lilies in addition to a complete line of other stock.

Erne & Klingel look forward to a

brisk Easter trade and will have a fine line of stock to supply their customers with. Charles Erne is feeling fit as a fiddle and is on the job again regularly at the store.

Arthur Leidiger, one of the live-wire retail florists of Milwaukee, Wis., was a visitor in the market this week.

Vaughan's Seed Store kept up a good display of Canna Firebird at both the big eastern shows.

Henry Wittbold, of Evanston, is busy as a bee with store decorations.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Wietor Bros. will have a nice large cut of roses for Easter, especially Killarney, White Killarney, Richmond and American Beauty, which are in good crop now. Their cut of carnations will be fairly good, but not as large as in former years, and bears out the statement that N. J. Wietor made several weeks ago that they would be scarce for Easter. The stock in all the houses looks fine and could not be any better, and is in just the right condition for the big day. The planting is well under way, and 10,000 Ophelia rose plants are now being benched, and so is a good number of the new miniature rose, Baby Doll. American Beauty roses will be grown on as large a scale as ever, and Sunburst will be given considerably more bench space. They will continue to grow Mrs. Chas. Russell and Killarney Brilliant, and about as many Richmonds as before. They will discontinue growing White Perfection carnations next season, but will give considerably more bench space to Matchless and White Wonder. Nancy and Alice will be grown heavily next season, and some of the other varieties that will be grown on a large scale are Bonfire, Washington, Enchantress, Rosette and Philadelphia. The young rose, carnation and chrysanthemum stocks are in grand condition, and as soon as the Easter business is over the planting will be on in earnest. This firm has been growing cut flowers for the local wholesale market for over 22 years and have one of the three large commercial establishments devoted exclusively to cut flowers in this country.

A. L. Vaughan & Co. report business as good, with the sales so far during April running considerably ahead of last year. The outlook for a banner Easter trade never was better and their growers report that they are particularly long on fancy lilies, roses and other miscellaneous stock for this occasion. Out-of-town orders are starting to come in and every mail brings in more. Mr. Vaughan had a pleasant visit from his old friend, Martin Forbes, of Portland, Ore., this week, and it is needless to add that the meeting was a most delightful one.

C. L. Washburn and wife are back from a short but delightful visit in California, and the genial wholesaler is again attending to his duties at Bassett & Washburn's store. Mr.

Easter Price List

ROSES		Per 100
Mrs. Chas. Russell.....	\$8.00 to \$15.00	
Ophelia.....	Special 10.00 - 12.00	
Sunburst.....	Long.....8.00	
Killarney.....	Medium 5.00 to 6.00	
W. Killarney.....	Short.....4.00	
Kill. Brilliant..		
CARNATIONS		
De Luxe, select.....	\$5.00 to 6.00	
Good.....	4.00	

Miscellaneous

Lilies.....	\$10.00 to \$12.50 per 100
Jonquils.....	2.00 to 3.00 per 100
Daffodils.....	3.00 to 4.00 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Violets, double, \$0.75 to	1.00 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Tulips.....	3.00 to 4.00 per 100
Ferns.....	3.00 per 1000
Asparagus.....	bunch, 35c to 50c each
Sprengeri.....	bunch, 25c to 35c each
Galax.....	\$1.00 1000
Mexican Ivy.....	75c per 100
Boxwood.....	large bunch. 25c each

Subject to Market Changes.

PLENTY FOR EVERYONE

Easter Cut Flowers

If you want the best Roses, Carnations, Lilies, Candytuft, etc., send your orders direct to us. Our prices are very reasonable and you can rest assured that you will get a square deal if you buy here. Prompt attention to each and every order. Get in touch with us today.

SINNER BROTHERS

158 North Wabash Avenue,

CHICAGO

Washburn reports a brisk demand for lily plants for Easter, but says that so far there has been no great call for cut blooms. Over 75,000 cuttings of their new carnation, Belle Washburn, have been sold so far this season, and it is expected that over 100,000 will be delivered before the rush is over.

Weiland & Risch had several vases of their new rose, Champ Weiland, on exhibition at their store this week, and every visitor was attracted by its wonderfully rich color and beautiful foliage. The more one sees of this variety the better he likes it, and there is no doubt but what it will be a big factor in this market next season.

O. A. & L. A. Tonner are prepared for a brisk Easter trade and will have a large supply of both cut flowers and supplies to fill their orders with. In the cut flower department Spanish iris and single and double stocks are seen in large quantities and are attracting the attention of the buyers.

The John Kruchten Co. is showing a fine line of cut lilies, and will have the usual large supply to offer for Easter. This firm is handling a nice line of green goods in addition to their complete line of cut flowers and

are in a splendid position to fill all orders.

At the Chicago Flower Growers' Association's store roses are arriving in large supply and everything points to a splendid Easter trade. The directors of the company held a meeting at the store last Tuesday, April 11, when the usual business was transacted.

Peter Reinberg was elected delegate to the national democratic convention in the tenth congressional district Tuesday, April 11, and his right hand lieutenant, Henry Zender, was elected committeeman in the Twenty-sixth ward on the same ticket.

Geo. P. Gerasimos is doing nicely at the new store that he opened recently at 3944 Sheridan Road under the name of Sheridan "L" Florist. He is doing considerable advertising in the moving picture theatres in that neighborhood for Easter.

W. W. Fuller, 4526 Ravenswood avenue, is a regular visitor in the wholesale market again, having just recovered from a severe attack of the gripe.

Sinner Bros. have a nice crop of stocks and candytuft for Easter and will no doubt experience a cleanup in both lines before the rush is over.

Easter Lilies.

**PLACE
YOUR
EASTER
ORDER
NOW!**

We have an elegant lot of Lilies to offer this coming Easter, fine flowers carried on good stiff stems of A1 quality.

Cut Blooms	Per Dozen,	\$ 1.50 to \$ 2.00
	Per Hundred,	10.00 to 15.00
	Per Thousand,	80.00 to 125.00

**PLACE
YOUR
EASTER
ORDER
NOW!**

Besides Lilies we shall have a big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Violets, Callas, Jonquils, Daffodils, Tulips, Galax, Asparagus, Sprenger, Adiantum, as well as other Seasonable Stock and Greens.

Also a large supply of our famous **Blue Ribbon Valley**, which is recognized by city buyers to be the best Valley on the Chicago market. Order some and be convinced. You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

CUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

At the Peter Reinberg range Superintendent Emil Reichling and his force of assistants are busy planting roses, and have already got a large number of plants set out. Only seven houses of American Beauty roses will be grown next season, which is considerably less than last year. Eleven houses, 29x285 feet, will be devoted to Mrs. Chas. Russell roses this year, which includes seven houses of own root Russell which will be carried over. Seven houses will be planted to Milady, which is a great deal more than last year, and the new rose, Champ Weiland, will be grown on a large scale. Mr. Reichling is confident that this rose is all that the introducers claim it to be, and is particularly impressed with its splendid color, form and foliage. Killarney Brilliant will be grown more heavily and the same holds good for Sunburst, of which 27,000 plants will be benched. White Killarney will also be grown on a large scale and six houses will be devoted to the old standby, My Maryland. Richmond will not be grown as extensively as in the past, but at that they will have at least 13 houses to cut from next season. Killarney will be given about its usual amount of space, and Ophelia will be grown more heavily than ever. The demand for young stock was unusually good this season, and Ophelia so far has proved to be the best seller, with Sunburst a close second. This firm will grow the new carnations, Belle Washburn and Good Cheer, on a large scale next season, and will also give considerable bench space to Rosette. Everything is in tip-top shape at this range, and there will be a large supply of roses for Easter, particularly Killarney, White Killarney, Mrs. Chas. Russell, My Maryland and Richmond. Felix Reichling,

CHICAGO'S BIGGEST LITTLE SUPPLY HOUSE

An entire new line of goods, no left over stock whatever, so you get the best when you order here.

PLANT BASKETS

A fine strong appearing Willow Plant Basket for Easter. Just what you need for all the blooming and decorative plants. An exceptionally good seller.

Special \$10.00 Easter Assortment of Cut Flower and Plant Baskets in all the desired colors or in any of the two-tone finishes. This is a big bargain and is a sort of Get-Acquainted-With-Us proposition. State sizes desired when ordering.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS

Large supply for Easter—Roses, Carnations, Calendulas, Violets, Spanish Iris, Jonquils, Sweet Peas, Daffodils, Lilies, Snapdragons, Mignonette, Callas, Tulips, Pussy Willows, Greens of all kinds.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

who manages the wholesale store, visited the carnation range Sunday, April 9, and says that while they will have a good cut of stock the receipts will be just about large enough to take care of their regular customers. Emil Reichling took in the recent Philadelphia and New York flower shows, returning last week, and says that one must hand it to the eastern growers for being able to produce roses, for the stock in the ranges that he visited was in good condition and would be difficult to improve upon.

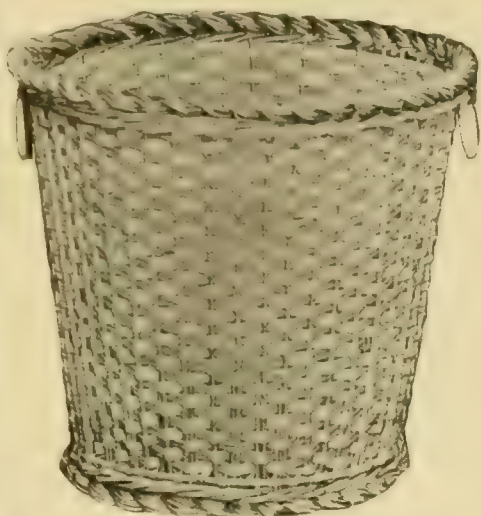
A. T. Pyfer & Co. will have a large supply of stock of all kinds for Easter, especially roses, and everything points to a splendid holiday business. The shipping trade is exceptionally good at this house, and

Manager Pyfer has no complaint whatever to make regarding dull times.

A. E. Hunt & Co. are cutting a fancy grade of Chicago White and Etoile d'Or daisies, which are in good demand and are considered two of the best sellers in this market. They have a nice lot of young stock to offer in these two varieties in two-and-one-half and two-inch pots.

Hoerber Bros. are in full crop as usual with roses for Easter, and will also have a nice supply of fancy long stemmed snapdragons for this occasion. The snapdragons that they are cutting are of unsurpassed quality and are always in brisk demand.

Fred Wolfram, proprietor of the Warrington Flower Shop, has added an automobile to his delivery service.



Big Easter Special

Don't Wait—Telegraph in your order

50 Pot Covers

Fitting 6-in., 7-in., 8-in., 9-in. and 10-in. pots.

\$20.00

To Reach Our Store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store and display rooms.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.,

CHICAGO

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

CHICAGO

MAMMOTH SUPPLY

All Kinds Of Cut Flowers And Greens For Easter.

For prices see our full page advertisement in the April 8 issue of THE AMERICAN FLORIST, page 611.

The Geo. Wittbold Co. reports business as very brisk, with the outlook for Easter very bright. The special kentia advertisements they have been carrying in the daily papers the past week have brought a tremendous lot of orders from all sections of the city and country. The new flats that Wittbolds are building are well under way and the whole structure and store will be completed all at once, for the building has progressed so rapidly that Louis Wittbold thought it advisable to rush the whole thing through instead of building one section at a time, as they first intended to do.

The John C. Moninger Co. is building a curved eave conservatory for R. D. Forgan, treasurer of the First Trust and Savings Bank, which will be erected at his home in Highland Park. E. F. Kurowski, president of the Moninger Company, has returned from Philadelphia and New York, where he attended the two big flower shows and booked several nice orders for greenhouse materials.

Percy Jones is offering some of the finest ferns of the season, which are selling like hot cakes and are more than worth the price that Manager Van Gelder is asking for them. Carnations are seen in good supply here and will be one of the principal offerings for Easter, although a grand cleanup in this line is expected long before the rush is over.

N. P. Miller, of Miller & Musser, had the job to lay out the grounds for a private home in Blue Island last week, which was completed on time and to the owner's satisfaction. D. S. Musser received a shipment of dandelions from his father at Anderson, Ind., April 7, and it is needless to add that they were most welcome, being the first of the season.

Middle west members of the Women's National Agricultural and Horticultural Association will hold a conference at the Art Institute, April 13-17. Achievements of women in agricultural and horticultural pursuits will be discussed. A program of six half-day sessions and one evening session has been arranged for the meeting.

J. H. McNeilly, 1155 East Sixty-third street, is making preparations for a big Easter trade and reports an unusually good call for violets the past month, which were a leader with him. He is ably assisted by E. J. Reynolds, who has been with him ever since Christmas.

W. H. Schultz, Jr., of Auburndale, Fla., wholesale grower of Asparagus plumosus nanus, called on his many satisfied customers here this week on his way home from the Philadelphia flower show, which was the finest exhibition that he ever attended.

Kyle & Foerster will have a good supply of Khlem's fancy novelty tulips

for Easter, which have been in good demand all season. W. P. Kyle was on the sick list a few days last week, but is on the job again and is feeling as good as ever.

The Halsted Street Business Men's Association, of which Frank Kral is president, held a spring festival last week, during which time all the merchants dolled up their stores in honor of the occasion.

Ed Siebrecht has returned from a pleasant visit from his brother, Charles, at Winona, Minn., and will help out at the Fleischman Floral Co.'s store during the Easter rush.

John A. Michal reports business as good at his new branch store at 1108 East Sixty-third street, which was opened about three weeks ago with Mrs. Wickliffe in charge.

H. E. Philpott, of Winnipeg, Can., is here on business and will give the boys at Pyfer & Olsem's Wilmette store a lift during the Easter rush.

M. C. Gunterberg will have a large supply of lilies to offer for Easter in addition to her regular line of stock.

George Kaspar, 4005 West Twenty-sixth street, is the proud possessor of a new Chandler Six.

Max Ringier, with Kennicott Bros. Co., has returned from a brief visit in the bluegrass state.

V. Bezdek, of Gross Point, has invested in a new Skinner irrigating system.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

WIRE HANGING BASKETS

Our Baskets are made strong and substantial,
so do not compare them with other "cheap" made-up
baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	.....\$1.25	14 inches	.....\$2.50
10 inches	..... 1.50	16 inches	..... 3.00
12 inches	..... 2.00		(Larger sizes to order.)

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles)	.....\$1.25
Per 5 bale lots for	..... 6.00

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Southern Wild Smilax

\$2.50 per case.

Natural Moss\$1.75 per bag
Perpetuated Moss 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Henry Hilmers has returned from
the Philadelphia and New York exhibi-
tions and says they were well worth
the trip.

Manager Asmus, of Schiller's, says
his firm will represent the National
Floral Corporation in this city, pay-
ing \$300 per year for a period of three
years.

Visitors: Xvery Wojtkiewicz, Niles,
Mich.; J. Aldous, Iowa City, Ia.; A.
M. Terrill, Ltd., Calgary, Alberta, Can.

Easter and Calla Lilies For Easter Sunday

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.
751 S. Broadway, Los Angeles, Calif.

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" " short	50 @ 75
" Mrs. Chas. Russell	1 00 @ 4 00
" " " "	Per 100
" Hoosier Beauty	5 00 @ 15 00
" Killarney Brilliant	4 00 @ 12 00
" Killarney	3 00 @ 12 00
" White Killarney	3 00 @ 12 00
" Richmond	3 00 @ 12 00
" Prince de Bulgarie	4 00 @ 12 00
" Rhea Reid	4 00 @ 12 00
" My Maryland	3 00 @ 12 00
" Mrs. Geo. Sawyer	4 00 @ 12 00
" Milady	4 00 @ 15 00
" Sunburst	4 00 @ 12 00
" Mrs. Aaron Ward	4 00 @ 12 00
" Hadley	4 00 @ 12 00
" Ophelia	4 00 @ 12 00
" Double White Killarney	4 00 @ 12 00
" Mrs. Moorfield Storey	4 00 @ 15 00
" Our selectio	4 00
Carnations	1 50 @ 3 00
Cattleyas, per doz.	6 00 @ 8 00
Gardenias, per doz.	3 00 @ 4 00
Jonquils	3 00 @ 4 00
Freσίας, Tulips	3 00 @ 4 00
Lilium Harrisii	10 00 @ 15 00
Mignonette	6 00 @ 8 00
Romans	3 00 @ 4 00
Sweet Peas	75 @ 1 50
Valley	4 00 @ 5 00
Violets, single	50 @ 75
Violets, double	30 @ 50
Adiantum Croweanum	1 00 @ 1 50
Ferns	3 00
Galax	1 00 @ 1 25
Leucothoe	75 @ 1 00
Mexican Ivy, per 1000	5 00 @ 6 00
Plumosa Strings, each	60 @ 75
Smilax, per doz.	2 00 @ 2 50
Sprenger, Plumosa Sprays	3 00 @ 4 00
Boxwood, 25clb per case	7 50

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss	.....per bag, \$3.50
Natural Moss	.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

H. B. Kennicott, Pres. Max Ringier, Sec'y
Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists
163 5 No. WABASH AVE., CHICAGO
Telephone Central 466

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Kil-
larney, White Killarney and Killarney Brilliant
roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies



LILY.

AZALEAS

Mme. Vander Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak. All colors in bloom, 75c to \$2.50 each; specimens, \$3.00 to \$7.50 each.

SPIREAS

Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1.00 each.

HYDRANGEAS

Mostly French varieties, 75c. \$1.00 \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 each.



SPIREA.

EASTER PLANTS

LILIES

Order What You Need From Us For Our Supply Was Never So Large Or As Fine As It Is This Year

Fine Strong Heavy Flowers. First-Class Medium Length Stock, 14 to 18 Inches High.

1500 plants in lots not less than 1000, \$100 per 1000 buds and blooms
500 plants in lots not less than 300, 110 per 1000 buds and blooms
250 plants in lots not less than 100, \$115 per 1000 buds and blooms
100 plants in lots not less than 25, 120 per 1000 buds and blooms

Short Lily Plants, 8 to 10 inches high, 4 blooms, 40c; 5 blooms, 50c; 6 blooms, 58c; 7 blooms, 65c.

Lilies in Pans, made up, with 12 or more blooms, 12 cents per bloom or bud.

AMERICAN BEAUTIES

In 5½ and 6-inch pots, 35c and 50c each.

RHODODENDRONS

Best varieties.

\$1.00, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each.

HYACINTHS

In all colors, 4-inch at 10c each.

HYACINTH BULBS

In Pans, 30c, 40c, 50c and 60c each.

TULIPS

In Pans, 25c, 35c and 50c each.

DOUBLE DAFFODILS

VON SION—25c, 35c and 50c each.

BEGONIA CHATELAIN

2½-inch pots \$3.50 per 100.
3-inch pots, 8.00 per 100.

CYCLAMEN

4-inch, \$2.50 per dozen.

PANDANUS VEITCHII

3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each.

TABLE FERNS

3-inch, \$5.00 per 100.

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
McNiece.....	\$2.50 \$22.00	\$2.75 \$27.00
Enguehard.....	2.50 22.00	2.75 27.00
Maud Dean.....	2.50 22.00	2.75 27.00
R. E. Loeben.....	2.50 22.00	2.75 27.00
Fatty.....	2.50 22.00	2.75 27.00
Wells Late Pink.....	2.50 22.00	2.75 27.00
Chieftain.....	2.50 22.00	2.75 27.00

WHITE—	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
October Frost.....	\$2.50 \$18.00	\$2.75 \$25.00
Vir. Fehlmann.....	2.50 18.00	2.75 27.00
Chas. Kazer.....	2.50 18.00	2.75 25.00
Elise Papworth.....	2.50 18.00	2.75 25.00
W. H. Chadwick.....	2.50 18.00	2.75 25.00
Timothy Eaton.....	2.50 18.00	2.75 25.00
Lynwood Hall.....	2.50 18.00	2.75 25.00
Smith's Ideal.....	2.00 18.00	2.75 25.00
Alice Salomon.....	2.00 18.00	2.75 25.00

YELLOW—	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
Golden Glow.....	\$2.00 \$18.00	\$2.75 \$25.00
Chrysolora.....	2.00 18.00	2.75 25.00
Bonsalton.....	2.00 18.00	2.75 25.00
Yellow Eaton.....	2.00 18.00	2.75 25.00
Yellow Salomon.....	2.00 18.00	2.75 25.00

BRONZE—	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
O. H. Kahn.....	2.00 18.00	2.75 25.00

RED—	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
Schrimpton.....	2.00 18.00	2.75 25.00

POMPONS

WHITE	2½-in. plants
	100 1000
Alva (large early).....	\$3.50 \$32.00
Kennitt (medium double).....	3.50 32.00

YELLOW—	2½-in. plants
	100 1000
Krut (large early).....	3.50 32.00
Mike Gabel (large).....	3.50 32.00
Skibo (early bronze & yel. button).....	3.50 32.00
Big Baby (button).....	3.50 32.00
Madge (large).....	3.50 32.00
Klondike (large).....	3.50 32.00
Quinola (bright late yellow).....	3.50 32.00
Baby (small button).....	3.50 32.00

PINK—	2½-in. plants
	100 1000
Lillian Dotty.....	3.50 32.00

BRONZE—	2½-in. plants
	100 1000
Madam La Porte.....	3.50 32.00
Mrs. Frank Beau.....	3.50 32.00

RED—	2½-in. plants
	100 1000
La Gravera.....	3.50 32.00



BOXWOOD

BUSHES

Each
12-in. in burlap, 35c; in tubs or pots, \$0.55
15-in. in burlap, 50c; in tubs or pots, .75
18-in. in burlap, 65c; in tubs or pots, .85
20-in. in burlap, 75c; in tubs or pots, 1.00

PYRAMIDS

Each
2-feet in burlap, \$1.75; in tubs, \$2.00
2½-feet in burlap, 2.00; in tubs, 2.50
3-feet in burlap, 2.50; in tubs, 3.00
3½-feet in burlap, 3.00; in tubs, 3.50
4-feet in burlap, 3.50; in tubs, 4.50
4½-feet in burlap, 4.00; in tubs, 5.00

BALL OR GLOBE

Each
12x12 in tubs, \$2.00; in burlap, \$1.50
15x15 in tubs, 2.50; in burlap, 1.75

GRAFTED AND OWN ROOT ROSE PLANTS

American Beauties,	2½-in. Grafted Root	2½-in. Own Root	2½-in. Grafted Root	2½-in. Own Root
	Per 1000	Per 1000	Per 1000	Per 1000
fine lot, own root, 1000	1000	1000		
2½ per 1000	\$7.00	\$65.00		
Russell.....	100.00	\$120.00		
Killarney.....	100.00	\$58.70		
White Killarney.....	100.00	56.70		
Killarney Brilliant.....	100.00	56.70		
Ward.....	100.00	56.70		
Milady.....	\$100.00	\$56.70		
Ophele.....	100.00			
Richmond.....	100.00	56.70		
Hoosier Beauty.....	105.00			
Cecile Brunner.....	\$100.00	\$56.70		
Elgar (Special Only).....	100.00			
Francis Scott Key.....	110.00	63.00		
Fire Flame.....	100.00	56.70		
Lady Alice Stanley.....	120.00	73.50		

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.	Each
4 inch pots 5-6 16-18 inch high	\$ 4.50	
4 inch pots 5-6 16-18 inch high	\$ 4.40	
6 inch pots 6-7 24 inch high	1.00	
6 inch pots 6-7 28-30 inch high	1.50	
6 inch pots 6-7 32-34 inch high	2.00	
8 inch tubs 6-7 35-38 inch high	3.50	
8 inch tubs 6-7 56-58 inch high	6.00	
8 inch tubs 6-7 62-64 inch high	7.00	

FORSTERIANA MADE-UP PLANTS

Specimens, heavy, \$35.00, \$40.00.

Plants	Each
7 inch tubs 3 38 inch high	\$ 2.50
7 inch tubs 3 38 inch high	3.00
8 inch tubs 4 38-42 inch high	3.50
8 inch tubs 4 48-50 inch high	5.00
8 inch tubs 4 52-54 inch high	6.00
10 inch tubs 4 5 feet high	8.00
12 inch tubs 4 80-84 inch high	10.00
12 inch tubs 4 5½ feet high	12.00
12 inch tubs 4 6½ feet high	15.00
15 inch tubs 4 6-6½ feet high	\$18@20

FORSTERIANA SINGLE PLANTS

Leaves	Dos.	Each
4 inch pots 5-6 18-20 inch high	\$ 4.50	
4 inch pots 5-6 18-20 in. high ea.	\$.40	
6 inch pots 6 28-30 in. high ea.	1.00	
6 inch pots 6-7 34-38 inch high	\$ 1.50	

Leaves	Each
6 inch pots 6-7 38-42 inch high	2.00
7 inch tubs 6-7 40-44 inch high	2.50
8 inch tubs 6-7 5 feet high	6.00
10 inch tubs 6-7 5-5½ feet high	8.00
10 inch tubs 6-7 5½-6 feet high	10.00

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.,	\$3.50
Each	
5 inch pots 15 inch high	20
6 inch pots 18 inch high	24
7 inch pots 23 inch high	34
8 inch tubs 30 inch high	38
10 inch tubs 35 inch high	42

DRACAENAS

Dracaena Godseffiana, \$6.00 per 100.	Each
6 inch pots Dracaena Amabilis.....	\$1.25
6 inch pots Dracaena Baptista.....	1.25
5 inch pots Dracaena Imperialis.....	1.25
5 inch Dracaena Terminalis.....	\$6.00 per doz.
6 inch pots Dracaena Massangeana.....	\$1.00 to \$1.25

DIEFFENBACHIA

MAGNIFICA	AGLAONEMA	PICTUM
5 inch.....each \$0.75	5 inch.....each \$0.75	6 inch.....each 1.00
6 inch.....each 1.00	6 inch.....each 1.00	

ARECA LUTESCENS

6 inch pots 4 plants	\$1.00
8 inch tubs, 5 plants, 44-46 in. high	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4-inch pots, strong.....	\$0.50 each
8-inch pots.....	.75 each



AZALEA.



KENTIA.

POEHLMANN BROS. CO.
72-74 E. Randolph St., Long Distance Phone, CHICAGO, ILL.
Randolph 35.

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET IS OVERSTOCKED.

An overstocked market is the report for the past week. Sweet peas and roses are hanging fire and only the cream of the stock gets anything like a fair price. It is a question of moving them at anything like a fair figure rather than how much they will bring. It is a buyer's market and will remain so until the activity of the Easter trade stirs things up. American Beauty roses are now to be had in quantity, and they move off fairly well. Bulbous stock, with the exception of the Emperor daffodils, is plentiful. The Emperors are in demand. Southern daffodils are now in and will last for from two to three weeks. They are carrying very well during the cool weather. Sweet peas, excellent stock, is much too plentiful; large buyers are stocked up at their own price, while the lower grades are sold to the street men for very little. There are still a few violets which move slowly. Gardenias go in large quantities to the fakirs. Cattleyas are seen in abundance, much above the market's requirements. Lily of the valley is scarce; it will go to \$6 and possibly \$8 at Easter. Very fair gladioli are coming from Florida. Thirty cents per 100 spikes is the average of express charges.

NOTES.

The flower show is still a topic when officials meet. It appears that our "official" figures of paid admissions were not correct, as there were over 102,000 paid admissions. Quite a number of the local craft went over to the New York show on Friday and Saturday. They were delighted with what they saw, particularly the rose gardens.

A movement is on foot to get committees from all prominent business associations in this city to join in securing a practical exhibition and convention hall, second to none in this country. \$1,500,000 has been appropriated for this purpose and is ready in hand to begin the work.

The Philadelphia Wholesale Florists' Exchange has taken a lease on the premises at 1615 Ranstead street, a few doors below their present location, to which they will move when alterations are completed. They will have in their new location about twice the capacity of their old store.

Ludwig P. Vollers, trading under the name "Vollers House of Flowers," has made an assignment. The liabilities are \$12,000, half to banks and half to the trade. Assets are given as \$6,000. The business is to be continued under the management of S. S. Pennock, trustee.

Henry A. Dreer, Inc., are experiencing an almost record-breaking spring business. Immense as are their facilities, they are being taxed to the utmost to get their orders out on time.

Mock, Mrs. Sawyer and Sunburst roses are leaders with Edward Reid. "It keeps us very busy to move the stock these days, but we manage to get there," is his comment.

The Leo Niessen Co. is featuring American Beauties. The stock is

Wholesale Flower Markets

BOSTON, April 12.		Per 100
Roses, Beauty.....	40 00	@ 60 00
" Killarney Queen.....	4 00	@ 16 00
" White and Pink Killarney.....	4 00	@ 16 00
" Double White Killarney.....	4 00	@ 16 00
" Killarney Brilliant.....	4 00	@ 20 00
" Hadley.....	6 00	@ 25 00
" Cardinal.....	6 00	@ 25 00
" Mock.....	8 00	@ 35 00
" Mrs. Chas. Russell.....	6 00	@ 12 00
" Sunburst.....	6 00	@ 12 00
" Taft.....	6 00	@ 12 00
" Milady.....	6 00	@ 12 00
" Ward and Hillingdon.....	2 00	@ 6 00
" My Maryland.....	50	@ 5 00
Cattleyas.....	35 00	@ 50 00
Lily of the Valley.....	4 00	@ 5 00
Sweet Peas.....	1 50	@ 2 00
Carnations.....	1 00	@ 2 00
select.....	2 00	@ 3 00

BUFFALO, April 12.		Per 100
Extra Special Beauties.....	35 00	@ 40 00
Roses, Killarney.....	4 00	@ 10 00
" White Killarney.....	4 00	@ 10 00
" My Maryland.....	6 00	@ 10 00
" Killarney Queen.....	4 00	@ 8 00
" Richmond.....	4 00	@ 10 00
" Sunburst.....	4 00	@ 10 00
" Ward.....	4 00	@ 6 00
" Taft.....	4 00	@ 10 00
" Ophelia.....	6 00	@ 10 00
" Francis Scott Key.....	8 00	@ 15 00
" Shawyer.....	4 00	@ 10 00
" Bon Silene.....	2 00	@ 3 00
Lily of the Valley.....	4 00	@ 5 00
Lilies.....	10 00	@ 12 00
Cattleyas.....	40 00	@ 50 00
Carnations.....	1 50	@ 3 00
Snapdragons.....	6 00	@ 10 00
Violets.....	40	@ 50
Yellow Tulips.....	2 00	@ 3 00
Daffodils.....	2 00	@ 3 00
Freerias.....	2 50	@ 4 00
Paper Whites.....	2 00	@ 3 00
Asparagus Sprengeri.....	35	@ 50
Ferns.....	per 1000.	2 50
Smilax.....		15 00

CINCINNATI, April 12.		
Roses, Beauty.....	per doz.	\$1 50 @ \$5 00
" Killarney.....		Per 100
" My Maryland.....		3 00 @ 8 00
" Richmond.....		3 00 @ 8 00
" Taft.....		3 00 @ 8 00
Lily of the Valley.....		4 00 @ 5 00
Lilium Giganteum.....		8 00 @ 15 00
Asparagus Plumosus.....	per doz., 6 bch.	25c
Orchids.....	per doz., 6 bch.	@ 7 50
Carnations.....		2 00 @ 4 00
Rubrum Lilies.....		3 00 @ 10 00
Double Violets.....		35 @ 1 00
Sweet Peas.....		25 @ 1 00
Daffodils.....		2 00 @ 3 00
Jonquils.....		2 00 @ 3 00
Hyacinths.....		3 00 @ 4 00

very high grade. Gardenias and snapdragons are also prominent.

The M. Rice Co. is still working on orders received at the flower show. "Never had so much spring business," reports Mr. Eschner.

Easter lilies in quantity are the leaders with the Berger Bros. Orchid sweet peas and carnations are also features.

MONTREAL, QUE. — McKenna's Limited, reports a very satisfactory trade throughout the winter and are well prepared for a heavy Easter demand.

WINNIPEG, CAN. — C. C. Phillips, who has been connected with the trade here during the past four years, has entered the employ of the McCallum Co., Pittsburgh, Pa.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

[WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

NOROTON, CONN.—A. Bieschke received a silver medal for his recent exhibit of winter-flowering pansies in addition to a similar award last fall. Mr. Bieschke uses Vaughan's Seed Store winter-flowering strain.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Providence, R. I.

Stock during the past week has been very plentiful and prices have been low, especially in the wholesale markets. Daffodils are very good and prices on them hold up better than in other stocks. Tulips are of excellent quality but prices are down and carnations, which are arriving faster than they can be handled, go begging for a buyer in some instances. Sweet peas, poeticus, Easter lilies and hyacinths are among the best sellers. The Easter stock this year has every indication of being fine and ready for sale Easter Saturday. Pot plants of all kinds are in just the right shape to be handled without bruising as has been the case in former years. Most of the growers have their lilies in the green bud yet and from all indications stock will be "some stock."

J. A. Cushing of Quidnick has sold his range to a company, one of the three members of which is Mr. Lamont, who has been the rose grower at the Cushing establishment for some time.

John Marshall of Fruit Hill is cutting large quantities of sweet peas. He ships these to the Boston markets but cannot cut enough to fill all orders.

Olney Williams will have his usual fine supply of bulbous stock, both cut and in pans.

John Macrea has a fine lot of Easter lilies and azaleas for Easter.

H. A. T.

ILION, N. Y.—A flower shop has been opened by W. D. Snell at 101 West Main street.

BRISTOL, CONN.—Paul M. Hubbard & Co. have opened a flower shop at 184 Main street, having recently purchased the retail florist business of E. O. Barnard.

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 208

444-446

Milwaukee St., Milwaukee, Wis.



Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, April 12.		Per 100
Roses, Beauty, extra.....	50 00	@65 00
" first.....	20 00	@35 00
" Mrs. Chas. Russell.....	8 00	@15 00
" Killarney.....	3 00	@10 00
" White Killarney.....	3 00	@10 00
" Liberty.....	5 00	@15 00
" Hadley.....	8 00	@12 00
" Sunburst.....	4 00	@12 00
" Ophelia.....	5 00	@12 00
" Hoosier Beauty.....	6 00	@20 00
Carnations.....	2 00	@4 00
Cattleyas.....	35 00	@50 00
Callas.....	10 00	@12 00
Lilium Harrisii.....	12 00	@16 00
Lilacs..... per bunch, \$1.00@	\$1.50	
Sweet Peas.....	1 00	@2 00
Snapdragons.....	8 00	@20 00
Calendulas.....	4 00	@5 00
Mignonette.....	3 00	@5 00
Violets, single.....	50¢	@75
Asparagus..... per bunch, 50		

PITTSBURGH, April 12.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00	@12 00
" My Maryland.....	4 00	@12 00
" Sunburst.....	4 00	@12 00
" Mrs. Aaron Ward.....	4 00	@8 00
" Richmond.....	4 00	@15 00
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50¢	@1 50
Spanish Iris.....	6 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@	40	

MILWAUKEE, April 12.		Per 100
Roses, Killarney and W. Killarney	4 00	@10 00
" Ward.....	4 00	@8 00
" Mrs. Chas. Russell.....	8 00	@25 00
" Ophelia.....	4 00	@8 00
" Hoosier Beauty.....	4 00	@10 00
Lilies..... per doz., 1.50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	1 00	@1 50
Carnations.....	1 50	@3 00
Snapdragons..... doz., \$1 00@	\$1 50	
Daffodils.....	3 00	
Tulips.....	2 00	@3 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, April 12.		Per 100
Roses, Beauty, medium.....	20 00	@25 00
" short stems.....	8 00	@15 00
" Killarney.....	4 00	@8 00
" White Killarney.....	4 00	@8 00
" Aaron Ward.....	4 00	@8 00
" Sunburst.....	5 00	@10 00
" Ophelia.....	6 00	@12 50
" Hoosier Beauty.....	5 00	@10 00
Valley.....	4 00	
Carnations.....	1 50	@2 00
Orchids.....	35 00	@50 00
Callas.....	8 00	@12 50
Lilies.....	10 00	@12 50
Rubrum Lilies.....	10 00	
Asparagus Plumosus, per bu., 25@	75	
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Richmond Roses.....	3 00	@6 00

New York.

BIG SUPPLY AND LIGHT DEMAND.

The business of the past week in the wholesale district was very quiet. There was an increasing supply of stock, and if anything, a diminishing demand. Special American Beauty roses sold at the rate of \$30 to \$35 per 100. Six dollars and eight dollars was about the best for special tea roses, \$2 for No. 1, and No. 2 were quoted at from 50 cents to \$1. Carnations ranged from \$1 to \$2 per 100; special orchids, \$35 to \$40, while inferior grades sold at from \$10 to \$20. Although there are very fine orchid flowered sweet peas on the market, the best are hard to move at \$1 per 100. It is almost useless to quote gardenias and violets, for the street peddlers seem to have the most of them. Bulbous stock is moving, but slowly. As a matter of course the flower show has been the absorbing feature of the week. So far as we can observe and learn, the wholesalers and a number of the retailers have taken an active interest in the show and have contributed liberally, both in time and money. However, some of the florists, in various lines, are beginning to think like the country editor, who wrote that "his line was the biggest trust on earth, because it trusted everybody; got cussed for trusting; mistrusted for cussing and if it busted by trusting, got cussed for busting." A detailed report of the show, in addition to what appeared in our issue of April 8, will be found elsewhere. Up to April 8, the weather was good, but that day was a record breaker. What left the clouds as snow, landed on New York as slush, and it kept up all day. Considering the state of the weather, the attendance at the show was remarkably good, but it was a bad Saturday for the wholesalers. It was also a bad night for the florists' club dinner at the Biltmore hotel, but we believe it was quite a successful affair. We did not attend, as five-dollar dinners nearly always give us indigestion. In this connection a prominent wholesaler advises us that he did not attend because he eats with his knife. He says that when a boy, he had great ambition to get into the circus as a sword-swallower. He failed as a circus man, but has been eating with his knife ever since.

Prof. L. H. Bailey lectured on "The Outlook in Horticulture" at the Museum building, Botanical Garden, April 9. A. F. F.

Albany, N. Y.

CLUB MEETING.

Some exhibits of roses, carnations and pot plants, brought to the April meeting of the florists' club, stimulated the attendance remarkably. When the club got down to business 32 members were present and two others came in before the close. William C. Gloeckner, of this city, and F. Hotaling, of Amsterdam, were elected members. On motion of Fred A. Danker, the secretary was instructed to write to Prof. E. A. White, department of floriculture, Cornell university, Ithaca, with a view to have him come to Albany to deliver his illustrated lecture on orchids. Edward P. Tracey gave an interesting account of his impressions of the national flower show at Philadelphia and made special mention of the rose classes. Earl Shaw described his visit to the New York flower show and said that attendance at such exhibitions is profitable. Fred A. Danker read a short paper on, "How to Elevate the Retail Business." He advised retailers to begin with themselves by cultivating the "Golden Rule", to keep posted and, as

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

means allow, to adopt new systems of merit in the conduct of the business. "Work up means to attract trade", he urged. "The florist business is an elevating one, and to encourage the giving of flowers is a noble thing". He advised against the solicitation of funeral orders as not ethical, and in contrast to it, suggested that florists encourage the sending of flowers to the living. "Create the impression that you are anxious to give good service; try to remember the flowers your customers like", were two more admonitions given by the speaker. In conclusion he advised occasional visits to flower shows and trade exhibits, as valuable sources of information. Louis H. Schaefer was assigned by the chairman to bring in a paper at the May meeting on seeds and bulbs. As Mr. Schaefer deals in these articles the paper is sure to be instructive.

James Snyder expressed his thanks for the condolences of the club received on the occasion of the death of his daughter, March 26. The club sent a floral piece to the funeral on March 29 at Rhinebeck, Dutchess county. Messrs. Eberhard and Lally, two visitors from the recently organized florists' club of Schenectady, said that their organization has made a good start and a membership campaign is under way. In commenting upon his exhibit of carnations, Frederick Henkes, of Newtonville, said that some of the specimens, one a very dark red seedling, were grown on solid beds built up from the ground in his large greenhouse and that the soil had not been removed in seven years. The bed was spaded over every summer, enriched with well rotted manure, and given a top dressing of sheep manure, raked in.

NOTES.

Lectures on trees, shrubs, and the beautification of home grounds are popular this spring. On April 6, John Davey, a tree expert of Cleveland, O., delivered a lecture in the State Education building on, "The Salvation of Our Trees and Birds". On the following day William E. Fitzsimmons, chairman of the Chamber of Commerce committee on City Beautiful, spoke before the members of the Rotary club at their weekly luncheon on beautifying the city by planting flowers and shrubs. A third lecture delivered the same week was by William H. Stoneman of the Chamber of Commerce before an improvement association in the northern section of the city. He also urged his hearers to plant trees, shrubs, and flowers.

Fred A. Danker has added an Overland delivery car to his service.

R. D.



John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York

Telephone, 5336 Farragut
Mention the American Florist when writing

Fort Wayne, Ind.

A severe snow storm and freezing temperatures affected trade last week, but under these adverse conditions business has been fairly good. The local trade are making active preparations for Easter and while roses and carnations promise to be plentiful there will not be an overabundance of bulbous stock.

The landscape department at the greenhouses of W. J. & M. S. Vesey are busy booking orders for spring shrubbery. They have been advertising this branch of the business quite extensively and are meeting with good success. This firm also had a fine sale of cinerarias last week, featuring these plants at a special sale and re-tailing them at 35 cents per dozen.

Mrs. Josephine Nesbit, of Convoys, O., has been engaged by the Chamber of Commerce to supervise the planting to be done in the city parks during the present month.

Funeral orders and a special sale of spring flowers at 50 cents per dozen, kept the Flick Floral Co.'s force busy last week.

H. K.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
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 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
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Consignments Solicited
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J. J. COAN, Inc.
Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of all the NEW ROSES.
Carnations, Sweet Peas,
Azaleas, and other
EASTER PLANTS
 and Everything in Cut Flowers.
 Consignments Solicited.

Walter F. Sheridan
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 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
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20 Years' Experience.

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Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
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Wholesale Flower Markets

NEW YORK, April 12.	Per 100
Roses, Beauty, special.....	20 00@30 00
" " extra and fancy.....	10 00@15 00
" " No. 1 and No. 2....	3 00@ 5 00
Prima Donna, special.....	5 00@10 00
Alice Stanley.....	1 00@ 8 00
Francis Scott Key, special.....	1 00@ 8 00
Mrs. Geo. Sawyer.....	1 00@ 8 00
White Killarney, special.....	8 00
Killarney, My Maryland.....	6 00@ 8 00
" " special.....	1 00@ 2 00
" " No. 1 and No. 2....	2 00@ 8 00
" " Queen.....	1 00@ 6 00
" " Brilliant.....	2 00@10 00
Aaron Ward.....	1 00@ 8 00
Richmond.....	2 00@10 00
Sunburst.....	2 00@ 8 00
Taft.....	2 00@10 00
J. L. Mock.....	2 00@15 00
Hadley.....	1 00@ 8 00
Ophelia.....	1 00@ 8 00
Mrs. Chas. Russell.....	2 00@ 8 00
Hoosier Beauty.....	35 00@40 00
Cattleya Orchids, special.....	15 00@20 00
inferior grades.....	6 00@ 8 00
Lilies, Longiflorum and Harrisil..	1 00@ 3 00
Lily of the Valley.....	1 00@ 2 00
Carnations.....	50@ 75
Adiantum Croweanum and	2 40@ 3 00
Hybridum.....	1 00@ 1 25
Asparagus Plumosus.....doz. bchs.	50@ 2 00
Smilax.....doz. strings.....	40@ 50
Gardenias.....per doz.,	25@ 35
Violets, single.....	1 00
double.....	15@ 25
Sweet Peas, orchid flowered.....	20@ 50
common.....	2 00@ 3 00
Mignonette.....per doz., 50c@ \$1.00	2 00@ 3 00
Pansies, cut.....	1 25@ 3 00
Narcissus, Paper White.....	3 50@ 4 00
Narcissus, Trumpets, spurs.....	\$0.75@ \$1.50
Tulips.....	75@ 1.25
Flamingo.....	1.00@ 1.25
White Lilac.....per bunch,	
Snapdragons.....per doz.,	
Callas.....per doz.,	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

WHOLESALE
FLORISTS
A. Young & Co.
 54 West 28th St. New York
 Consignments Solicited



-FOR- EASTER DELIVERIES

Telegraph Orders
CHICAGO AND SUBURBS
A. LANGE
25 E. Madison St.

Tacoma.

TRADE CONDITIONS IMPROVE.

We are glad to report trade conditions improving once more after an unusually cold winter that practically killed the florist business. Promptly with the beginning of the new year, the cold and heavy snow arrived, but bright days are with us once again, and it brings people out, seeking all kinds of hardier stock. Roses are being planted liberally and our people are so enthusiastic that they call for everything new that is heard of—they want them and generally the price does not cut much figure. We never had a larger supply of all kinds of cut flowers, generally of high quality, with colors rich and bright. Carnations were split badly for a few weeks, but those coming in now are not bad at all. Roses have arrived liberally from local sources and they have been of high grade. Ophelia has proven its merit equal to expectations—probably better. Sunburst has come to stay. Lady Hillingdon may be classed a practical failure as a winter cut flower, but for planting outside is called for more than any other rose. It is hard to judge between the popularity of Lady Hillingdon and Mme. Caroline Testout as a bedding rose, for they both do unusually well. Many times within the last week we have had inquiry for "something new" and the parties all tell of having dozens of varieties. Two of one seedling were taken at \$10 each, after being described, one of them being Kaiserin crossed to Gen. Jacqueminot, a pure pink, very good, with a wonderfully sweet perfume; the other, Dorothy Perkins, crossed to Teplitz, rose color,

also sweet. Bulbous stock has been of high quality and plenty of it. At present writing, outdoor grown narcissi are in plentiful supply—very fine flowers, too. The promise for Easter stock never was better, and no doubt lilies will be fine and abundant.

NOTES.

S. L. Harper is trading his place away for an irrigated fruit and dairy ranch at Kennewick, Wash. He has taken out the rose plants and is disposing of them. Plans are made for extending manufacture and distribution of his spraying solution that has become the leader on the market here. It has proven to be especially good for orchard spraying.

The Tacoma Dahlia Society has elected the following officers for the ensuing year: W. J. Love, president; Mrs. E. L. Hockaday, first vice-president; Mrs. A. L. Jackson, second vice-president; James Curley, secretary; Geo. M. Lee, treasurer.

Much interest is already being evinced in the annual rose show and plans are being formulated to make this year's exhibition the best in the history of this city.

We learn of one new greenhouse to be built at Parkland—probably to be devoted to tomatoes and carnations.

The Northwestern Floral Co. are getting quite busy after unusually poor business for a couple of months.

Louis Tschunko has about finished planting in tomatoes, and carnations will be gradually taken out.

"California Florists" have been enlarging their store room and have enjoyed very good business.

G. H. H.

Retail Florists



Now is the time to prepare your advertising for April and May, covering

Easter

Mother's Day

Spring Planting

Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

AVON PARK, FLA.—Col. J. D. Carmody, of Evansville, Ind., who has been spending the winter here, will leave for his summer home about April 15.

PORT DOVER, ONT.—Thomas A. Ivey & Sons, Ltd., report prospects for Easter business very promising. They will be in on time with heavy cuts of roses and bulbous stock.

MONTREAL, QUE.—D. Bain, who has taken over the business of his late father, S. S. Bain, will be joined by his brother, who will look after the financial interests of the concern. D. Bain will devote all his time to the retail end of the business.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

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Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

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NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.

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CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL.
Western Union Code

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

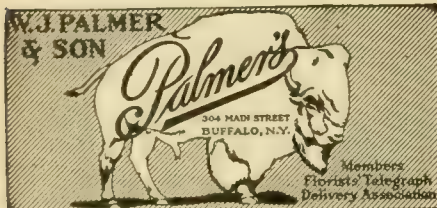
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"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



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Henry Hart, Inc.

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1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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FLORISTS,

1415 Farnum St.

PHONES:
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NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Name Index to Retail Florists

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
Evenden Bros. Co., Williamsport, Pa.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, J. N. Pearl St., Albany, N. Y.
J. M. Fox & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco, Cal.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Potter Floral Co., El Paso, Texas.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
J. S. Wilson Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



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D. C.

Gudes'

Members of Florists' Telegraph Delivery.

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233-235 Grant Avenue.

JOSEPH'S FLORISTS

B. M. JOSEPH. Novelties for
"Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Phone Sutter 423.

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The Park J. A. VALENTINE, Floral Co.

President

Members of Florists' Telegraph Delivery.

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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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IN THE CENTER OF IOWA

J. S. Wilson Floral Co.

We cover all points in Iowa.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Seattle's Leading Flower Shop
1536 SECOND AVE.

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Members Florists' Telegraph Delivery.

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A. W. Smith Co.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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CLEVELAND

EUCLID AVENUE

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Brooklyn, N. Y.

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334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

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Telephones—5822 Audubon, 1767 Audubon and
1125 Morningside.

4 Stores.

C. SAKelos, Prop.

Mail, telegraph or telephone orders promptly filled

Original Decorations & Specialty.

Branch:

THE VANDERBILT HOTEL

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Branch 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

City Index to Retail Florists
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Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potosi Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
San Francisco, Cal.—Joseph's, 233-35 Grant Ave.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evenden Bros. Co.

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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best
Dunlop's
8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

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THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heini)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

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DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

Rockford, Ill.

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Member of The Florists' Telegraph Delivery.

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MISSOURI.**

**Rock's
FLOWERS**

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Palmer House
Florist**

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Will fill orders for the West on short notice
Trade discounts. First-class stock.

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"Some Florist"

The Plaza, Ft. Smith, Ark

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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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OKLAHOMA.

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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1338 O Street, LINCOLN, NEB.

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Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member Florists' Telegraph Delivery Ass'n

Telephone 1813 Main

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Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
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**Floral Designs and
Choice Cut Flowers**

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Artistic Floral Work and Long Stem
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Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
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1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.,

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member Florists' Telegraph Delivery Ass'n.



We Are Better Prepared Than Ever TO FILL ALL ORDERS FOR Easter Plants

Our stock is exceptionally fine and in prime condition. Order at once. Will ship promptly.

Our Lilies Are now in fine condition for shipping. Buds are just right. Have two large houses full of them, in medium and full sizes, from three buds up to ten buds to the plant, at 10c per bud, with four or more; less than four buds to plant, 12c per bud.

Azaleas, such as Mme. Van der Cruyssen, 6-7-8 in. pots, 75c, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50; Vervaneana, double rose, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50; Vervaneana Alba, white, \$1.00, \$1.25 and \$1.50; Niobe, double white, \$1.50, \$2.00 and \$2.50 each; Blushing Bride, shell pink, \$1.00 and \$1.25 each; Jean Peters, double red, \$1.50 and \$2.00 each; Hexe or Firefly, 50c and 75c.

Hydrangeas, both French and Otaksa varieties, 6-in. pots, 50c, 75c and \$1.00 each.

Spirea Gladstone (we have a large house of this popular Easter plant), 6 and 7-in. pots, full of buds, 35c, 50c and 75c each.

Cineraria Hybrida, best strain, 6-in., 30c, 40c and 50c each.

Begonia Luminosa, bright red flowers, 4-in., 15c; 5-in., 25c.

Roses, Magna Charta, Baby Rambler, 6-in., 50c and 75c.

Genistas, 6-in. pots, 50c and 75c.

Hyacinths, such as Gertrude, best pink; Grand Maitre, lavender; King of the Blues, La Grandesse, best white, 4-in. pots, \$12.00 per 100.

Tulips, 3 bulbs in a 4-in. pot, such as Murillo, pink; Imperator rubrum, double red; Couronne d'Or, yellow, \$15.00 per 100.

Daffodils, Von Sion, 3 double nose bulbs in a 5½-in. pot, \$3.00 per doz.

Dracaena Terminalis and Lord Wolseley, 6-in., 50c each.

Kentia Forsteriana, 6-in. pots, \$1.00 and \$1.25 each.

Aspidistra, green-leaved, 6-in. pots, \$1.00.

Ipomoea Noctiflora (Moonvines), 2½-in. pots, \$5.00 per 100; 3-in. pots, \$8.00 per 100.

Asparagus Plumosus, 4-in., \$12.00 per 100; extra heavy.

CASH WITH ORDER, PLEASE. ALL GOODS MUST TRAVEL AT PURCHASER'S RISK ONLY.

GODFREY ASCHMANN, Importer and Grower of Potted Plants,
1012 W. Ontario Street, Philadelphia, Pa.

Cycas Stems
NEW ALL STOCK SIZES
Prices: 100 LBS. @ 8¢
500 LBS. @ 7¢

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

TRANSPLANTED PANSIES
\$0.75 per 100.
Pansy Plants, Giant flowering, \$2.50 per 1000. Coleus, 10 varieties \$2.00 per 100.
Verbenas, Petunias, Salvia, ready Apr. 20.
S. A. Nutt Geraniums, 2½ in. pots \$3.00 per 100. Geraniums, assorted varieties, 2½ in. pots, \$2.75 per 100.
Vinca Vines, 3½ in. pots, \$6.00 per 100.
— CASH —
JOS. H. CUNNINGHAM
DELAWARE, OHIO

GERANIUMS
Per 100 Per 1000
S. A. Nutt, 2 in. \$2.00 \$18.50
Alyssum Dble. Giant, 2 in. 2.00 18.00
Daisy Mrs. F. Sander, 2 in. 2.00 18.00
Vinca Variegata, 4 in. 8.00 75.00
Rex Begonias, 3 in. doz., \$1.00; 100, \$8.00

All first-class stock—Packed right.
ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

21 HOUSES 21

Filled with

Rambler Roses, Hydrangeas, Daisies, Heaths,
Bougainvilleas, Boronias, Ferns, Crotons, Etc.

Just Right for Your Easter Trade.

SEND FOR PRICE LIST

THOMAS ROLAND
Gardener and Florist
NAHANT, MASS.

If You are interested in Mid-Winter
Blooming Plants
— or anything in —
Soft Wooded Plants
— Write —
Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Trade Directory
Price \$3.00 Postpaid.
AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

Miscellaneous Plants

	2-in.	2-in.	3-in.	3 in.
	100	1000	100	1000
Geraniums, Standard var. \$2.00	\$18.50	\$3.00	\$25.00	
Hellotrope, Mme. Bruant and Chieftain	2.00	18.50	3.00	25.00
Lantanas, 6 varieties	2.00	18.50	3.00	25.00
Lemon Verbenas	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Parlor Ivy	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus, (Dusty Miller)	2.00	18.50	3.00	25.00
Swainsona, white and pink	2.00	18.50	3.00	25.00
Verbenas, separate colors	2.00	18.50	3.00	25.00
Vinca	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Boigiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

J. C. VAUGHAN left New York for Chicago April 12.

VISITED Chicago: A. T. Ferrell, Saginaw, Mich., returning from California with his family.

BETTER weather in the middle west has given the retail trade greatly improved business during the past seven days.

COUNTER trade at New York is slowly recovering from the severe setback received in the snowstorm of April 8-9.

CHICAGO—Prices for grass seed on the Board of Trade, April 12, were as follows: Timothy, \$5.50 to \$8.00 per 100 pounds.

GOLDEN BANTAM sweet-corn is racing right up to fame, one favorite at the Hot Springs track last week being named in its honor.

OTTAWA, ONT.—Graham Bros. report that the late spring has held back orders but the indications are that farmers and market gardeners will increase their plantings.

FLORAL PARK, N. Y.—John Lewis Childs reports catalogue mail trade only slightly better than last year to March 31. Since April 1 business has been about one-third better than last year's.

TORONTO, ONT.—The Steele, Briggs Seed Co. says business has been backward to the close of March but that it is now coming along nicely. This firm expects good trade during the remainder of the season.

NEW YORK.—Typical of "butting in" to horticulture was the front page advertisement of John Wannamaker in the New York Herald of April 8, using the well established slogan, "everything for the garden," stolen from Peter Henderson & Co.

NEW YORK.—The only local seedsmen who made exhibits at the flower show were A. T. Boddington Co., Stumpp & Walter Co., J. M. Thorburn & Co., and Vaughan's Seed Store.—Both David and Atlee Burpee, of Philadelphia, were flower show visitors this week.

THE New York Sunday papers of April 9 carried an unusually large number of seed and plant advertisements, the advertisers doubtless intending to take advantage of the public interest in the show and the large amount of space given generally to illustrate horticultural matter in the big Sunday editions.

PHILADELPHIA, PA.—Local houses report a sharp increase in mail orders after the middle of March, some days bringing double the business of the corresponding dates in 1915, while the season's business up to that time was behind the preceding year's.—Nine thousand pieces of mail were received by W. Atlee Burpee & Co. on one March day.—A good delegation will probably attend the American Seed Trade convention at Chicago in June.

THE Stokes Seed Farms Co., Inc., Philadelphia, Pa., reports the present season highly satisfactory in all departments. Since the last week of March business at the city store has been opening up very well.

Ocean Freights.

War insurance rates on shipments to Holland have been advanced from one and one half to five per cent. The Dutch government has taken over 80 per cent of the Holland-American line for military purposes.

Three Japanese Pacific liners have raised freight rates 20 per cent on unsubsidized lines.

French Seed Grower Sentenced.

Jacques Hasslach, another of the French seedsmen involved in supplying the enemy with seeds, according to advices just received, was sentenced March 16, receiving three years' imprisonment with a fine of 20,000 francs and loss of civil and civic rights for 10 years. Charges on which he was convicted included shipping, April 4, 200 kilos of seeds to Frederic Haubensack, of Bale, Switzerland, knowing that the consignee would reship the seeds to different German purchasers and for supplying during the months of June and July, 1915, 29 kilos of cabbage seed to M. Herb, of Naples, Italy, the latter being a German subject.

Free Seeds Sent Back.

Attorney Fred E. Carpenter got a package of seeds from the department of agriculture at Washington the other day, which he promptly returned with the following letter:

"I return herewith a package said to contain flower seeds sent to me by your department with the name of B. M. Chipfield, M. C., endorsed on the package. Mr. Chipfield is an honorable citizen of this state, but the free distribution of flower seeds is of no earthly use to agriculture and is regarded by many as a petty graft, and your department should be in better business than sending such packages to the constituents of our representatives in Washington.

"The seeds you send out are not as good as can be obtained from legitimate seedsmen and your department ought to be run by some one who would have the nerve to refuse to stand for this petty pilfering of public funds any longer. That man would make a name for himself."—Rockford (Ill.) Register-Gazette.

Red Clover Seed Records.

The United States department of agriculture estimates that about one-third of the red clover seed available for use in this country during 1916 will be imported. New records for importation will be created, for more of the seed had been received from abroad in the eight months prior to March 1, 1916, than in any one year

previously. The short crop in 1915 was largely responsible.

Italian and French stocks have been the principal ones available for import, about one-third as much Italian as French seed being received. South European seed, the department states, is neither as hardy nor as productive as American or north European seed, and it is regarded as unfortunate that it has been necessary to import such large amounts of seed not well adapted to the conditions in the red clover growing districts of the United States.

Lentil Prices Advanced.

Lentils come high these days and unless the lovers of the bean want to pay the price for them they must go without this most nutritious of foods. There are now not more than 5,000 to 6,000 bags of 220 pounds each in the New York market and the price asked wholesale is 11¼ to 11½ cents per pound, as against 2½ to 4 cents per pound before the war began.

Most of the supply of lentils had previously come from Russia, which annually exported through a German port from 100,000 to 150,000 bags of 110 pounds each. The war and the number of men called to the front has materially cut off production and the small supplies now here were sent to Chile and from there to the United States.

There are some lentils produced in California and according to members of the New York trade in dried beans they do not show keeping qualities, especially in warm weather. The asking price is also too high, being 12 to 12½ cents per pound f. o. b. coast. The price asked for No. 2 cans of lentils is \$1.05 per dozen, and most of these goods are from stocks received before the war.

Turnip Rape Seed.

Two hundred thousand pounds of turnip rape seed, or enough to sow approximately 50,000 acres, have been imported from Argentina and Japan and are being sold as winter rape. The seed specialists of the United States department of agriculture therefore are again cautioning farmers to avoid the purchase and seeding of turnip rape, which is not winter rape and is not suitable for the forage purposes for which winter rape is grown.

The seeds of turnip rape are smaller and have a more deeply pitted surface than those of winter rape. The young plants are easily distinguished by the difference in habit of growth and the character and color of the

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

FLOWER SEEDS

We believe we carry the largest stocks of these in America both in number of varieties and in quantity.

WE GIVE PROMPT SERVICE

Orders are filled on the day they reach us.

For economy use our cable words,

every variety is provided with a cable word in our green list.

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

leaves. Winter rape produces a definite stem with the leaves occurring along it at intervals. Turnip rape does not produce a definite stem, the leaves all growing in an apparent whorl at the surface of the ground. The leaves of winter rape are thick and succulent, free from hairs, and covered with a greyish bloom. The leaves of turnip rape are thin, hairy and bright green like those of the garden turnip.

Persons purchasing rape seed may submit samples to the seed laboratory, United States department of agriculture, Washington, D. C., for determination as to whether the seed is that of the turnip rape or winter rape. Samples of both turnip rape and winter rape seed, for comparison, will be sent on application to the seed laboratory.

Holland Notes.

The following interesting items have been noted in a private letter received from a Holland bulb grower February 7:

"We have had a tremendous lot of rain and no frost up till now, which means a poor crop of bulbs. This, combined with the fact that many growers had to give up the growing, will make bulbs, especially the early varieties, scarcer and higher in price the coming season.

"The way exchange is at the present time we are losing about 33 per cent on the German mark, 50 per cent on the Russian ruble, about 50 per cent on the Austrian crown and 15 per cent on the English pound. This means that the Holland bulb growers are losing about 20 per cent in their receipts."

Bean and Pea Market.

Receipts April 7 were 5,105 bags beans, 666 bags peas. Marrow beans are still in sellers' favor but the demand this week has been purely of a selective character, and mostly in lots required by jobbers to keep up assortments. Medium are steady, also pea, the latter advancing. Export demand for red kidneys has not been active since the middle of the week. Red Marrow are quiet. Lima beans are in low hands and steady as quoted. Yellow eye are dull. White kidneys are quiet. Black turtle soup sell slowly. Small white coast beans are firmer and 5c higher.

Marrow, per 100 lbs.	7.90	@ 8.00
Marrow, fair to good, 100 lbs.	7.50	@ 7.80
Medium, choice, per 100 lbs.	6.65	@ 6.70
Pea, choice, 100 lbs.	6.65	@ 6.70
Pea, fair to good, 100 lbs.	6.15	@ 6.55
Lady Washington, Cal., 100 lbs.	6.60	@ 6.70
Beans, Cal., small white, 100 lbs.	6.60	@ 6.70
Red kidney, choice, 100 lbs.	8.50	@ 8.60
Red marrow, choice, 100 lbs.	8.20	@ 8.25
White kidney, choice, 100 lbs.	9.50	@ 9.65
Imperial, choice, 100 lbs.	8.65	@ 8.75
Yellow eye, choice, 100 lbs.	5.60	@ 5.70

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Mention the American Florist when writing

ONION SETS? LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists
ROCHESTER, NEW YORK
Let us supply your wants in Fall Bulbs

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers

Offer high test 1914 Seed Corn

YELLOW DENT:

Pride of the North King of the Earliest
Reid's Early Funk's Early 90 Day

WHITE DENT: Iowa Silver Mine.

Write or wire for prices.

Fremont, - - Nebraska

Mention the American Florist when writing

"IN ALL THAT IS GOOD, IOWA AFFORDS THE BEST."

GLADIOLI

GROWN IN IOWA

We offer **AMERICA**, grown in our gardens, which are almost entirely of sand, producing the highest class bulbs and free of disease. We have a large stock of size from 1 in. to 1¼ in. and 1¼ to 1½ in., which will produce full bloom and full size bulbs this year. They are nice plump bulbs and largely first year from bulblets. They are hand sorted and absolutely full count.

We quote 1¼ to 1½ in. in 1000 lots at \$5.00 per 1000; in 10,000 lots at \$4.50 per 1000. 1 to 1¼ in. at \$4.50 per 1000; or in 10,000 lots \$4.00 per 1000. No charge for packing or packages. Cash, f. o. b. Avon, Iowa.

Gardens of Avon, Des Moines, Iowa

YOUR MONEY IS NOT OURS UNTIL YOU ARE A SATISFIED CUSTOMER.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. San Francisco, Denver, Chicago, Hamilton (Ont.), or New York.

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

17 Murray St., NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, MILFORD, CONN.
Wisconsin and Idaho

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU
SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.



H. WREDE
LUNEBURG, GERMANY
PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed... 25c
1 oz. ..\$2.25

Price list on application. Cash with order

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. SWEDESBO, N. J.

GLADIOLI

All First Size Bulbs. Per 1000

America, pink.....	\$ 9.00
Augusta, white.....	11.50
Francis King, scarlet.....	9.50
Panama, pink.....	35.00

St. Louis Seed Co.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

**Bean Growers for the
Wholesale Seed Trade**

CARPINTERIA, CALIF.

Always mention The American Florist
when writing. : : :

Cannas and Caladiums

CRIMSON AND SCARLET CANNAS

	Per 100	Case of 250	1,000
A. Bouvier, 5 ft. dark crimson.....	\$1.65	\$3.75	\$15.00
Brandywine, 4½ ft. deep crimson bronze foliage	2.75	6.25	25.00
C. Henderson, 4 ft. bright crimson.....	1.65	3.75	15.00
Cherokee, 4 ft. deep rich maroon.....	1.35	3.00	12.00
David Harum, 3½ ft. vermillion bronze foliage	2.75	6.25	25.00
Duke of Marlboro, 4½ ft. glowing crimson...	1.50	3.50	14.00
Mephisto, 3½ ft. the darkest crimson.....	1.35	3.00	12.00
Beaute Poitevine, 3½ ft. dark crimson.....	2.75	6.25	25.00
Black Prince, 3 to 4 ft. dark velvety maroon.	2.75	6.25	25.00
Fuerst Bismarck, 4 ft. rich scarlet crimson...	1.50	3.50	14.00
Grand Chancellor Bulow, 3 ft. crimson scar-			
let, overlaid with maroon.....	1.65	3.75	15.00
J. D. Eisele, 5 ft. brilliant vermillion scarlet	2.25	5.00	20.00
King Humbert	Sold Out		
Louisiana, 7 ft. vivid scarlet.....	1.50	3.50	14.00
Musafolia, 5 ft. Green leaves for foliage ef-			
fect only	1.50	3.50	14.00
Tarrytown, 3½ ft. Crimson.....	2.00	4.38	17.50

CANNAS, White and Cream Shades

Alsace, 3½ ft. Creamy white.....	2.25	5.00	20.00
Mont Blanc Imp. 3½ ft. Almost a pure			
white	3.75	8.75	35.00

All the above in strong fresh dormant roots, 2 and 3 eyes each.

YELLOW AND ORANGE CANNAS

	Per 100	Case of 250	1,000
Austria, 5 ft. pure yellow.....	1.50	3.50	14.00
Indiana, 6 ft. golden orange striped red.....	1.35	3.00	12.00
Kanzleiter, 3½ ft. pure light yellow.....	1.50	3.50	14.00
R. Wallace, 4½ ft. canary yellow, free. Bet-			
ter than Florence Vaughan	1.50	3.50	14.00
Wyoming, 7 ft. purple foliage, orange flowers	1.50	3.50	14.00
Indiana, 6 ft. Golden orange, striped.....	1.35	3.00	12.00
Wyoming, 7 feet. Purple foliage, flowers			
orange	1.50	3.50	14.00

GOLD-EDGE CANNAS

America, 5 ft. crimson gold band.....	1.35	3.00	12.00
Allemania, 4 to 5 ft., green foliage, scarlet			
and yellow	1.35	3.00	12.00
General Merkel, 4 ft. the best scarlet gold			
edge sort.....	1.65	3.75	15.00
Gladiolara, 3½ ft. carmine gold edge.....	2.75	6.25	25.00
Jean Tissot, 5 ft. vermillion orange edge.....	2.75	6.25	25.00
Italia, 4½ ft., green foliage, red, bordered			
yellow	1.50	3.50	14.00
Mad, Crozy, 5½ ft. vermillion gold border..	2.25	5.00	20.00

PINK FLOWERING CANNAS

Mlle. Berat, 4½ ft. rose pink.....	\$2.00	\$4.38	\$17.50
Louise, 5 ft. soft rose pink.....	2.00	4.38	17.50
Rosa gigantea, 3½ ft. rich rose, extra large.	12.00	27.50	110.00

CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1,000
5 to 7 in. in circumference, 200 in a case....	\$0.30	\$2.00	\$17.50
6 to 8 in. in circumference, 200 in a case....	.35	2.25	20.00
8 to 10 in. in circumference, 100 in a case....	.50	3.50	30.00

	Doz.	100	1,000
10 to 12 in. in circumference, 75 in a case....	\$0.75	\$5.50	\$50.00
12 to 13 in. in circumference, 50 in a case....	1.10	8.00	75.00
Monsters, measuring 13 in. and upward in cir-			
cumference, 25 in a case	1.50	12.00	.....

For fuller descriptions and more complete list of Spring Bulbs, send for wholesale catalogue.

ARTHUR T. BODDINGTON COMPANY, Inc., Seedsmen
128 Chambers Street, NEW YORK

VALLEY FROM STORAGE

Bruns' Celebrated Chicago
Market Brand, Crop 1915.

\$20.00 per 1000, \$10.50
per 500, \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Bulbs for Florists and Seedsmen

GLADIOLUS

Grown in the U. S. by Vaughan's
Seed Store

	Per 100	Per 1000
AMERICA, Extra, 2¼ to		
3-in., thick heavy bulbs		\$15.00
AUGUSTA, Extra, big		
ones like above.....		15.00
America, 1st size.....	\$1.25	10.00
Augusta, 1st size.....	1.25	10.00
Chicago White, 1st size....	3.00	25.00
Mrs. Francis King, 1½-in.	1.25	10.00
Princeps, 1st size.....	2.50	22.00
Mrs. Frank Pendleton,		
1st size.....	9.00	85.00
Niagara, 1st size.....	4.50	40.00
Panama, 1st size.....	4.00	35.00
Primulinus Sunbeam, 1st		
size	18.00	.....
Velvet King, 1st size.....	8.00	25.00
Hyde Park, 1st size.....	5.00	45.00
Vaughan's XXX Florist		
Mixture, 1st size.....	1.75	15.00
Extra Fine Mixed, 1st size	2.00	18.00
Good Mixed, 1st size	1.00	8.50

And all Other Leaders
Write for quantity prices

TUBEROUS ROOTED BEGONIAS

Grown from the finest large flower-
ing strains. Quality inspected by
our Mr. J. C. Vaughan in Belgium.

Single sorts, white, Doz. 100 1000
scarlet, yellow, pink,
orange, salmon..... 50c \$3.00 \$25.00

Single Mixed.....40c 2.50 20.00

Double sorts, white,
scarlet, yellow, pink,
orange, salmon. ... 50c 3.50 28.00

Double Mixed40c 3.25 25.00

Caladium Esculentum

	Per 100	Per 1000
5- 7 inches.....	\$ 1.75	\$ 15.00
7- 9 inches.....	3.50	30.00
9-11 inches.....	6.00	55.00
11-12 inches.....	9.50	85.00
12 inches and up.....	14.00	125.00

TUBEROSES True Dwarf Pearl

Per 1000
First size, 4-6 inches.....\$10.00

Dahlias, Peonies, Cannas, for the Counter Trade.

Chicago **Vaughan's Seed Store,** New York

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held
tember, 1916.

THE heaviest shipment of fresh asparagus sent out of Sacramento this season was sent East on March 30 via the Southern Pacific Railroad. There were 14 cars in the shipment. Nine were from Walnut Grove and four from Sacramento.

Prices of Indoor Fruits and Vegetables.

Chicago, April 11.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 22½ to 25 cents; radishes, 20 cents to 50 cents per crate; celery, \$1.75 to \$2.00 per crate; tomatoes, six baskets, \$1.75 to \$2.25; cucumbers, per doz., 75 cents to \$1.50.

New York, April 11.—Celery, per 12-inch crate, \$1.25 to \$2.00; cucumbers, 90 cents to \$1.25 per dozen; mushrooms, 50 cents to \$1.75 per 4 pound basket; tomatoes, prime, 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per package, \$1.00 to \$4.00; rhubarb, per dozen bunches, 40 cents to 60 cents.

Texas Onion Crop Condition.

The Texas onion crop of 1916 is estimated to cover 10,057 acres, as compared with 8,943 acres in 1915, an increase of about 12 per cent. The condition of the crop on April 1 is estimated as 55 per cent of normal, as against 65.6 per cent on March 1, which forecasts a yield of about 192.5 bushels per acre, or a total production of 1,935,972 bushels, the equivalent of 4,200 cars of 460 bushels each. In 1915 the shipments amounted to about 4,607 cars. This revision is based on replies to telegrams sent into all sections of the Texas onion district and upon returns received by schedules.

From reports received, it appears that the damage from thrip was not arrested, as it was thought to have been by well-posted men, but has continued to reduce the very low condition of the crop as given for March 1, effecting a total reduction in condition of 10.6 points.

Cyanide of Potassium.

Since the wide distribution of white fly, greenhouse men have been compelled to look for a more powerful fumigant than tobacco smoke or nicotine preparations. They have found it in cyanide of potassium. While its use is coupled with considerable danger, it is on the other hand a sure remedy for all insect life, hence it will pay any greenhouse man to become acquainted with the material. Our various state experiment stations have published valuable bulletins on this subject which should be in the hands of all growers. We have made use of the cyanide process chiefly against white fly, which pest cannot very well be contested with tobacco. The general formula is to use one ounce of cyanide of potassium to two ounces of

sulphuric acid to four ounces of water. To illustrate the wide range of conditions we wish to state that our first application was reduced to 1/5 of an ounce of cyanide, resulting in a complete destruction of all white fly and much damage to tomato foliage. The plants recovered, however, and after 10 days we reduced the second application to 1/10 of one ounce of cyanide, with perfect safety to all greenhouse plants and complete killing of all flies.

All these proportions relate to 1,000 cubic feet of air space. It is of the utmost importance to determine the exact air space to accurately weigh out the cyanide, acid and water, to close the house tight and repair all cracks; to reduce the heat to 55° or less and to see that the heating is uniform, as hot corners will surely cause damage. Further the plants and house should be dry as moisture is dangerous. Anyone attempting the cyanide process must know that this chemical is a powerful poison, and that the gas generated by the above formula is instant death to the operator should he linger in the house or re-enter. Also after the desired exposure, the house must be ventilated for at least one-half hour before entering.

The proper receptacle for the cyanide mixture is an earthenware vessel deep enough to prevent boiling over of contents; it is also best to use more than one for long houses. The method of procedure is to first place the required amount of water into the vessel, then add the acid, and place the cyanide alongside each jar in a paper bag. After all is in readiness, lock the further end of the house and, retreating, drop the cyanide into the vessels, losing no time in getting away. When leaving, the house should be securely locked to prevent an accident.

MARKETMAN.

Mushroom Growers Warned.

As the result of a serious case of mushroom poisoning in a mushroom grower's family recently, the mushroom specialists of the United States department of agriculture have issued a warning to commercial and other growers of mushrooms to regard with suspicion any abnormal mushrooms which appear in their beds. It seems that occasionally sporadic forms appear in mushroom beds, persist for a day or two, and then disappear. These are generally manure-inhabiting species and may be observed shortly after the beds have been cased. In the instance cited, however, these fungi appeared in considerable numbers at the time the edible *Agaricus campestris* should have been ready for the

market, and the dealer supposed it was probably a new brown variety and tried it in his own family. As a result, five persons were rendered absolutely helpless and were saved after several hours only through the assistance of a second physician who had had experience with this type of poisoning.

In the opinion of the department, this case is peculiarly significant and demonstrates that the grower must be able to distinguish *Agaricus campestris* from any of the wild forms of mushrooms that may appear in the beds. Under the circumstances, the department strongly urges every grower to make himself thoroughly familiar with the cultivated species. Complete descriptions, with pictures of poisonous and cultivated species, are contained in Department Bulletin 175, "Mushrooms and Other Common Fungi", which can be purchased for 30 cents from the Superintendent of Documents, Government Printing Office, Washington, D. C. (The department of agriculture has no copies of this bulletin for free distribution.)

ALGONA, IA.—August Huenhold will build a range of houses and dispose of his stock to the local trade.

BALTIMORE, MD.—Berman & Co. have opened a flower shop at 327 West Lexington street in the heart of the market district. They report splendid business from the start.

500,000 Giant Argenteuil and Palmetto Asparagus Roots

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Will send over early in May next his traveling salesman, Mr. Jacques Courtine, to call on the American trade.

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Beautiful large lavender; suitable for cut flowers as well as for the garden. Strong divisions \$10.00 per 100; large quantities at special prices. Now is the time for planting.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

RIVERSIDE, CALIF.—H. C. Livingston, formerly manager of the Wood Nurseries, has purchased same.

MEDFORD, ORE.—The fourteenth annual meeting of the Pacific Coast Association of Nurserymen will be held in this city June 20-22.

ROCHESTER, N. Y.—E. D. and L. R. Moore and M. M. Pritchard have incorporated the Square Deal Nursery Co., with a capital stock of \$10,000.

FARIBAULT, MINN.—S. G. Kinney, a member of the Brand Nursery Co., of this city, and formerly in the nursery business at Owatonna, Minn., has purchased The Faribault Flower Store.

It is stated a great many Manetti and other stocks were lost on the Steamship Maroni when she was submerged, a number of dealers losing their entire importations for the season.

French Nursery Stock.

E. Turbat, of Orleans, France, representing the Federation of French Nurserymen and Horticulturists, says all French exporters of nursery stock are strongly opposed to the forced sale of their specialties by the exportation of stocks not ordered in the regular way. Mr. Turbat further states on his own responsibility that there is likely to be a shortage in many lines of French nursery stocks with advanced prices, owing to the scarcity of labor.

Horticultural Extension Work in So. Dak.

Demonstrations in horticulture under the direction of Frank E. McCall is the latest venture of the South Dakota State College extension department, Brookings, according to recent announcement of director G. W. Randlett. Professor McCall is a graduate of Iowa State College, 1911, and a man of experience. The object of his work is state-wide propaganda for better farm orchards, including small fruits and vegetable gardens as a means of food supply, more trees for windbreak and shade, and a higher degree of farmstead ornamentation. Professor McCall's method of procedure as stated in the project agreement will be as follows:

"The extension specialist will hold meetings: (1) In co-operation with county agents. (2) In co-operation with women's organizations, and (3) Wherever a group of country people can be assembled for the purpose of explaining this work. Demonstrations will be secured in different localities to carry on work in vegetable gardening, fruit culture, tree culture, lawn making, ornamental planting, etc. The results thus obtained as well as results of similar work previously done will be used as demonstrations.

"Plans and drawings will be furnished to interested parties on all the foregoing subjects as desired. The specialist will put the farmer and his

wife into communication with growers of the most approved and hardy varieties and will also point out where many native species may be secured for home ground ornamentation. He will make farm visitations whenever his services are requested for the purpose of advising with and demonstrating to the farmer and his wife on any matter pertaining to this project."

Breeding Chestnuts for Disease Control.

How to checkmate the new chestnut blight or bark disease that is causing such vast destruction is a problem of no small importance. From its obscure beginnings in eastern New York about 12 years ago, it has swept into 19 states, and now affects about all of the northern half of our native chestnut stands, doing damage estimated at close upon \$50,000,000, according to the United States department of agriculture. It attacks the trees in twig, branch and trunk, causing death in a year or two, and soon recurs in the sprouts or suckers sent up from the still living roots. No native chestnut appears to be spared in the long run, but the little eastern bush chinquapin, with its smoother bark and comparative freedom from insect enemies, appears less readily attacked. The European chestnut in its favorite varieties, is also subject to the disease, but when we come to the chestnuts of Japan and China we find very great resistance, amounting in some varieties to almost practical immunity.

The most obvious means of replacing the great losses of chestnut timber and nuts would seem to lie in the substitution for our native forms the Asiatic species that best resist the disease, having evidently for ages been accustomed to its presence, and also to breed the chestnut as a valuable genus of forest trees, by hybridization and selection for the avowed production of varieties better adapted for our purposes. Some chestnut breeding has already been accomplished in various parts of our country, and generally with good results. A promising experiment of this character has been under the direction of the office of forest pathology of the department of agriculture for several years.

Hybrids between the highly resistant Japan chestnut and our native

chinquapin have been raised in considerable numbers, quickly forming handsome dwarf trees, bearing at an early age profuse crops of nuts of excellent quality, five or six times the size of those of the wild chinquapin parent, and ripening weeks before any other chestnuts. So far these trees show a very high degree of disease resistance. Another line of breeding lies in the inter-crossing of disease-resisting Japanese and Chinese varieties that are rapidly being imported into this country by the office of foreign seed and plant introduction, and selection of the best resulting forms. Some of the Chinese chestnuts are said to grow nearly 100 feet high in their home forests, and it may be possible by their use to replace in some measure our vanishing native chestnut stands, and perhaps develop very superior varieties during the process of acclimatization.

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NOTE—Use printed stationery. We sell to the trade only and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

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NEW CANNAS

TWO STRIKING NOVELTIES OF OUR OWN RAISING

EUREKA

We unhesitatingly declare this to be the best white flowering Canna that has been brought to our notice. Nearly all other white varieties have proven of weak constitution and growth.

Eureka grows as vigorously and blooms as freely as any Canna of any color. Its foliage is clean and healthy of a beautiful green color. It grows quickly into sturdy shapely plants about four feet high, which produce a profusion of large trusses of good sized florets. These open a creamy white, and quickly becomes pure white in the full sun.

Its superior merits have been commented on by all who have seen it, and we confidently proclaim it the best white Canna yet introduced.

Strong 2-eye divisions, 30c each, \$3.00 per dozen, \$20.00 per 100.

ORANGE BEDDER

A particularly attractive vigorous growing variety, of a bright scarlet orange, of peculiar dazzling intensity. The flowers are produced very freely, creating a great mass of color. A bedding variety of extraordinary merit.

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We have completed the cleaning of our Cannas, and the inventory shows, that we have a number of excellent sorts: some of them recent introductions, in particularly large quantities.

The list is an excellent one, comprising sorts of practically every shade, and all distinctly different from each other.

We offer these 20 varieties at \$2.00 per 100; \$15.00 per 1000, for immediate delivery and subject to being unsold on receipt of order.

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Orange scarlet.
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Gustav Gumper—Yellow.
Johanna Kanzleiter—Cream and rose.
Secy. Chabanne—Orange.
Stuttgartia—Red and yellow.
Wm. Bates—Large yellow.

Queen Charlotte—Red and yellow.
Karos—Bronze fol. orange.
Philadelphia—Scarlet.
Marcel Ricard—Red and yellow.
Czuczor—Pink. Maros—White.

Venus—Pink and cream.
Meyerbeer—Orange and cream.
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Mlle Gabrielle Miguel—Flesh.
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Azalea Mollis, bushy plants with plenty of buds—

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15 to 18 in. high, at 45c each, \$5.00 per doz, \$40.00 per 100.

Boxwood—Pyramids, 36 in. high, very fine, \$1.75 each; 42 in. high, very fine, \$2.25 each; 48 in. high, very fine, \$3.25 each; 54 in. high, very fine, \$4.00 each.

Rhododendrons, best hardy named sorts, bright foliage and full of buds, 18 to 24 in. high, 75c each, 24 to 30 in. high \$1.00 each. These cover the entire list of Parson's Hardy Hybrids.

Seedling Rhododendrons, mixed colors, 18 to 24 in. high, very bushy and full of buds, 55c each, 24 to 30 in. high, and correspondingly bushy, 70c each.

Aristolochia Siphon (Dutchman's Pipe), Extra strong plants, 4 ft. of tops, 25c each, in any quantity.

Hydrangea, Paniculata Grandiflora, Tree form, 3 to 4 ft. bodies, fine heads, \$25.00 per 100. Bush form, 3 ft. high, \$10.00 per 100.

Hydrangea, Arborescens Grandiflora Alba, 3 to 4 ft. high, bushy, \$20.00 per 100, 2 to 3 ft., bushy, \$14.00 per 100.

Barberry, Thunbergii, 18 to 24 in. high, very bushy, \$7.00 per 100; 15 to 18 in. high, very bushy, \$5.00 per 100.

Privet, California, very bushy, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, at \$3.00 per 100.

Privet, Amurense (Amoor River, Hardy Northern Type), 18 to 24 in., \$5.00 per 100; 24 to 30 in., \$7.00 per 100.

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Leaves	In. high	Each	Per doz.
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	\$ 2.50
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	18.00

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
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Areca Lutescens

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....4.....	8 to 10.....	\$1.50	
3-in. pot.....5.....	12.....	2.00	
4-in. pot.....5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....6 to 7.....	18.....	.50	6.00
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	26.....	1.25	15.00
6-in. pot.....6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....6 to 7.....	5 ft., very heavy.....	8.00	
9-in. cedar tub.....	42 to 45.....	4.00	48.00

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Very large 4, 5, 6 and 7-inch pot Dracena Indivisa, \$12.50, \$20, \$25 and \$30 per 100.

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2¼-in. DOUBLE PETUNIAS, 15 varieties.....	3.00	25.00
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LIGHT AND DARK PINK AND ROSE		Doz.	100
Albert Crousse. Rosy white flecked crimson; tall.		\$6.00	
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Young Plants in 2½ inch Pots.

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The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. Orders from the far west can be sent direct to our **Mr. E. B. Washburn**, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

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pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Mention the American Florist when writing

BECONIA BEGONIA

Luminosa Erfordii

SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

Mention the American Florist when writing

Miscellaneous Stock For Florists

Asparagus Sprengeri, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00 per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00 per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Petunia, Giant Ruffled, and Rosy Morn, 2½ in. pots, \$2.50 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Fern, Teddy Jr., 2½ in. pots, \$5.00 per 100, \$45.00 per 1000.
Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

Mention the American Florist when writing

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, Fishkill New York

Mention the American Florist when writing

BOX WOODS—Most Beautiful Stock

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

Spring List ROSES

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes. Brilliantissima and Lindenli, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

ALYSSUM. Little Gem, thumb pots, 1½c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

ASP. PLUMOSUS, thumb pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus roots, 500,000 Argentineum and Palmetto, from selected seed. I. & J. L. Leonard, Iona, N. J.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azaleas. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Azalea Mollis. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

BARBERRY.

Barberry. Thunbergii, 18 to 24 in. high, \$7 per 100; 15 to 18 in. high, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50

ERNEST ROBER, Wilmette, Ill.

BEGONIA CHATELAINE FINE BUSHY STOCK IN FULL BLOOM FOR EASTER

	Per 100
4-inch	\$15.00
3-inch	8.00
2-inch	4.00
Rooted cuttings, by mail, \$1.75 per 100; by express, \$1.50 per 100; \$12.50 per 1,000.	

J. L. JOHNSON, De Kalb, Ill.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00

JULIUS ROEHR'S CO., Rutherford, N. J.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosen, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias, grown from the finest, large flowering strains. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia, Gloire de Chatelaine, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonia Chatelaine, 2½-in. pots, \$5.50 per 100; 3-in. pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood—Pyramids. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladium esculentum, 5-7, \$1.50 per 100; \$12.50 per 1,000. 7-9, \$3 per 100; \$27.50 per 1,000. Wm. F. Kasting, 383-387 Ellicott St., Buffalo, N. Y.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Cannas. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

Canna Firebird. Best scarlet, green-leaved canna. From 3-in. pots, 25 for \$5. Vaughan's Seed Store, Chicago and New York.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.

	100	1,000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00

25 or more at 100 rate, 250 or more at 1,000 rate.

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1,000
Mrs. C. W. Ward	\$2.00	\$15.00
Herald	2.00	14.00
Philadelphia	2.00	14.00
Dorothy Gordon	2.00	13.00
Washington	2.00	12.00
L. P. Enchantress	2.00	12.00
Victory	2.00	15.00
White Perfection	2.00	14.00
White Enchantress	2.00	15.00

Afterglow 3.00 25.00
Mrs. C. W. Ward 3.00 25.00

J. A. BUDLONG,
184 N. Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS.

Taken from the best stock sold in Chicago market. Ready for immediate delivery:

	100	1,000
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
Enchantress	100	1,000
Philadelphia	\$2.00	\$18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
White Perfection	2.00	15.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS.,

162 N. Wabash Ave., Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS.
AT STOCK.

Peerless Pink	100	1,000
Enchantress	\$2.50	\$20.00
A. T. PYFER & CO.,	2.00	17.50

30 East Randolph St., Chicago.

Fine, healthy, rooted carnation cuttings.

Best obtainable, order early.

Enchantress	100	1,000
White Wonder	\$2.50	\$20.00
SINNER BROS.,	3.00	25.00

158 North Wabash Avenue, Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterberg, 158 North Wabash avenue, Chicago.

Carnations. Enchantress, White Enchantress, Zoe Symonds, Philadelphia, Washington, \$2 per 100; \$18 per 1,000. Beacon, Champion, Joy, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations. Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo., \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations. Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations, extra fancy blooms. Gust. Rusch & Co., 444-446 Milwaukee St., Milwaukee, Wis.

CELERY PLANTS.

CELERY PLANTS. Golden self-blanching. (French strain), fine plants, ready now, \$2.00 per 100. Cash. Special prices on large lots. Brill Celery Garden, Kalamazoo, Mich.

CHRYSANTHEMUMS.

WHITE		
Smith's Advance	Per 100	Per 1,000
Early Frost	\$2.00	\$15.00
Virginia Poehlmann	5.00	50.00
Alice Salomon	2.00	15.00
Alice Byron	2.00	15.00
Wm. Turner	2.50	20.00
Cris, Razer	2.00	15.00
Linwood Hall	2.00	15.00
YELLOW		
Chrysolara	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	50.00
Bonnafon	2.00	15.00
Nakoya	2.50	20.00
Daily Mail	6.00	50.00
PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	50.00
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	40.00
J. D. THOMPSON CARNATION CO.,		
Joliet,		Illinois.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

FINE ROOTED CHRYSANTHEMUM CUTTINGS
Out of Soil.

Major Bonnaffon	100	1,000
WIETOR BROS.,	\$2.00	\$18.00

162 North Wabash Ave., Chicago, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms. \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS: Yellow Queen, Lyndhurst, Nymphaea, Storm King, strong divisions, \$3.00 per 100. J. L. Johnson, De Kalb, Ill.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain. 2½-inch, \$4.00 per 100. ETOILE D'OR. 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DAFFODILS.

Daffodils. Von Sion, 25c, 35c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantisima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantisima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

FERNS.

QUALITY FERNS.

Boston, Roosevelt, Springfield, 3-in., \$5.50; 4-in., \$7.50; Whitman, 3-in., \$5.50. Good Stocky plants. Samples 25c, deduct from first order. Cash with order.

BERNO FLORAL CO., Orlando, Fla.

Ferns, Teddy Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000. Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

FERNS. From 2-in. pots, Boston, 3c; Roosevelt, 4c; Teddy Jr., 5c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Joseph Hearcock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS

S. A. Nutt, dark red	100	1,000
Double Gen. Grant, bright red	\$1.25	\$12.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink	1.25	10.00
THE W. T. BUCKLEY CO.,	1.50	14.00

Springfield, Illinois.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Vaud and Poitevine, 2½-in., \$2.50 per 100; \$22 per 1,000. 3-in., \$6 per 100; \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

20,000 geraniums, S. A. Nutt, large 3-in. stock, \$5 per 100.

J. A. BUDLONG, 184 N. Wabash Ave., Chicago, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GERANIUMS—Double Grant, 2½-in., \$2.50 per 100; \$22 per 1,000. ISLIP GREENHOUSES, Islip, L. I.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

GLADIOLI'S BULBS.

All first size, except where noted.

America, 1st size	1,000
America, 2nd size	7.50
Baron Hulot, 1st size	8.00
Brenchleyensis, 1st size	7.00
Empress of India, 1st size	15.00
Europe, 1st size	30.00
Faust, 1st size	9.00
Glory of Holland, 1st size	7.50
Halley, 1st size	10.00
Hollandia, 1st size	8.00
Mrs. Francis King, 1st size	8.00
Lily Lehmann, 1st size	8.00
Pink Beauty, 1st size	7.00
Princes, 1st size	7.00
Primulus Hybrids, 1st size	8.50
Groff's Hybrids, mixed, 1st size	10.00
Attraction, 1st size	7.00
Panama, 1st size	26.00
Niagara, 1st size	30.00
Fine mixed, 1st size	5.50
XXX Mixture, 1st size	9.00

The above are strictly first-class bulbs in every respect, bought for our retail trade, but we have too many of them and until our stock is sufficiently reduced, we will sell at the above sacrifice prices.

ELLIOTT NURSERY CO., Pittsburgh, Pa.

Gladioli, America, \$9 per 1,000; Augusta, \$11.50; Francis King, \$9.50; Panama, \$35. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1¼ to 1½-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli, grown in Iowa. America, for sizes and prices see advertisement elsewhere in this issue. Gardens of Avon, Des Moines, Iowa.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HARDY PERENNIALS

HARDY PERENNIALS.

	Per 100
Buddleia variabilis, 2½-in.	\$6.00
Boltonia asteroides, field clumps	3.00
Achillea the Perle, field clumps	2.00
Achillea Boul. de Nige, field clumps	3.00
Aquilegia Skinner, field clumps	4.00
Helianthus Maximilian, field clumps	4.00
Ranunculus Repens, field clumps	3.00
Monarda didima, field clumps	3.00

For less than 25 of one variety add 1c each. Cash please. No charge for packing.

A. KLOKNER, Wauwatosa, Wis.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYACINTHS.

Hyacinths, in all colors, 4-in., at 10c each. Bulbs in pans, 30c, 40c, 50c and 60c. Poehlmann Bros. Co., Morton Grove, Ill.

Hyacinths. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEAS.

Hydrangeas, paniculata grandiflora and Arborescens grandiflora alba. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

Hydrangeas, mostly French varieties, 75c, \$1, \$1.25, \$1.50, \$2, \$2.50 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Hydrangeas, French and Otaksa, 6-in. pots, 50c, 75c and \$1.00 each. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Iris Pallida dalmatica, strong divisions, \$10 per 100. J. A. Peterson & Son, Westwood, Cincinnati, Ohio.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$6 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plps. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs and valley. Cold storage forcers. Vaughan's Seed Store, Chicago and New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 17 Murray St., New York.

LILY PLANTS.

Lily Plants. Fine, strong, heavy flowers, first-class, medium length stock, 14 to 18 inches high. For prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, coleus; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MYOSOTIS

FORGET-ME-NOTS. (Myosotis.) Good well-rooted plants, \$1.00 per 100, prepaid parcel post; \$7.00 per 1,000, express. Clumps, 5 to 10 plants, each, \$3.00 per 100, by express. M. L. McCLAVE, Benton Harbor, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

SPECIAL OFFER.

2,000 seeds by mail for \$1.00. 200 Asparagus plumosus, 200 Asparagus Sprengeri, 200 Dracaena australis, 200 Ampelopsis Veitchii, 150 Chamorops excelsa, 150 Washingtonia robusta, 100 Cobaea scandens, 100 Australian pea vine, 100 Cassia artemesiodides, 100 genista canariensis, 100 Acacia Baileyana, 100 Spartium junceum, 100 pepper tree, 100 Freesia Purity, 100 African daisy. GEORGE LEAVER, P. O. box 1049, Los Angeles, Calif.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERY, Santa Barbara, Calif.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants, Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$11.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSIES. Large flowering, strong, stocky, transplanted plants; all in bloom and bud, \$1 per 100; \$9 per 1,000. Cash with order. GUS SCHLEGEL, Olney, Ill.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANSIES, out of cold frame, fall transplanted Danish seed. Any quantity, \$1.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, Giant ruffled and Rosy Morn, 2½-in., \$2.50 per 100. The Storrs & Harrison Co., Painesville, O.

Petunia, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup canas, 2½c. Get list. Prices right. BENJ. CONNELL, Florist, Merchantsville, N. J.

Privet, California, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, \$3 per 100. Amurensis, 18 to 24 in., \$5 per 100; 24 to 30 in., \$7 per 100. The Storrs & Harrison Co., Painesville, O.

PRIVET, 50,000 California Privet, 18 to 24-in., 2-3 and 3-4 ft. Special bargain prices. Quotations on request. H. F. Hillenmeyer & Sons, Lexington, Ky.

RHODODENDRONS.

Rhododendrons, best hardy named sorts, 18 to 24 in. high, 75c each; 24 to 30 in. high, \$1.00 each. Seedling rhododendrons, mixed colors, 18 to 24 in. high, 55c each; 24 to 30 in. high, 70c each. The Storrs & Harrison Co., Painesville, O.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

Rhododendrons. Best varieties. \$1, \$1.25, \$1.50, \$2.00, \$2.50 and \$3.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.

YOU NEED

THE BIG MONEY MAKER.

CHAMP WEILAND.

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequalled by any other "sport" creation of recent years. Take the tip—grow "Champ Weiland." Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1,000 for \$300.00.

MRS. CHAS. RUSSELL.

We have an elegant stock of the above, and offer grafted plants at \$14.00 per 100; \$120.00 per 1,000; own root, \$12.00 per 100; \$100.00 per 1,000.

WEILAND & RISCH.

154 N. Wabash Ave., Chicago, Ill.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted.	2½-in. Own Rt.
	Per 100	Per 100
Russell	1,000	1,000
Killarney	\$120.00	none
White Killarney	100.00	\$58.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Ophelia	\$4.50	\$40.00
Sonburst	3.50	30.00
White Killarney	3.00	25.00
Pink Killarney	2.50	20.00
Richmond	2.50	20.00

Two-Year-Old Bench Plants
White Killarney 5.00 | 40.00 || Pink Killarney | 5.00 | 40.00 |

Satisfaction Guaranteed, Ready Now.
GEORGE REINBERG,
162 North Wabash Ave., Chicago.

ROSES—DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschenhoff	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form; strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

	100	1,000
Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00

J. A. BUDLONG, 184 North Wabash Ave., Chicago.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000. Bench plants, White Killarney, \$50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Rose Champ Welland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Welland & Risch, 154 N. Wabash Ave., Chicago.

Rambler Roses, hydrangeas, daisies, heaths, bougainvilleas, boronias, ferns, crotons, etc. Write for price list. Thomas Roland, Nabant, Mass.

Roses, 3,000 Maryland, 2½-in. pots, at \$40.00 per 1,000. Smilax, 2½-in. pots, at \$15.00 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

Roses, Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

Salvia Bonfire, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

SEEDS, Joseph Paquet, seed cultivator, Blvd. Magnan, Nice, France. Specialties: Stocks of Nice (the most beautiful in the world), primulas (100 varieties), cyclamen, cinerarias, bulbs.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties. Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Breigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Poligiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

SPHAGNUM MOSS.

SPHAGNUM MOSS, fresh from the swamps, 12 bbl. bale, \$2.75 per bale. MANABAWKIN MOSS & PEAT CO., Box N., Manabawkin, N. J.

SPIREA.

Spirea, Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

STRAWBERRIES

STRAWBERRIES, 100,000 Progressive ever-bearing strawberry plants, \$1.50 per 100, post-paid; by express, \$1.25 per 100; \$10.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

GREENHOUSE GLASS

We are the largest manufacturers of Greenhouse Glass west of the Mississippi River and carry at all times an adequate stock to enable us to make immediate shipment of your requirements. Our glass is heavy in thickness, well flattened and annealed, and especially manufactured for greenhouse purposes. Write us for prices.

Okmulgee Window Glass Co., Okmulgee, Okla.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

TUBEROSES.

Tuberose, dwarf double pearl, 4½ to 6-in., \$8.50 per 1,000. J. M. Thorburn & Co., 53 Barclay St., New York.

Tuberose, 4-6 inches, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. I. N. KRAMER & SON, Cedar Rapids, Ia.

VINCA VARIEGATA. Fine, bushy plants, established 3-in., \$5.00 per 100. Extra heavy 4-in., with long vines, \$10.00 per 100; \$90.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, O.

Vinca Vines, 3¼-in. pots, \$6 per 100. Jos. H. Cunningham, Delaware, Ohio.

VINCAS, Oct. rooted, thumb pots, \$1.50 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Catalogues and catalogue covers. Nature reproductions of prints, flowers and ornamental shrubs. Write us. Christy Color-Printing Engraving, Inc., 183 St. Paul St., Rochester, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Easter Plants. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

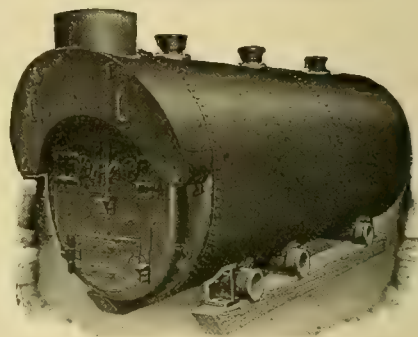
Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

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INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS

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Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High Avenue, S. E., Cleveland, Ohio.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

An Inquiry From the European War Zone

A grower in Dresden, Germany, read one of our advertisements in THE AMERICAN FLORIST, and has since written to us for plans and estimates on Garland Steel Houses and the celebrated Garland Cast Iron Gutter—the Gutter with a justly earned International reputation. If you are going to build this year, be sure and get our estimates and plans, and you will get some idea of what splendid houses we really build.

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DES PLAINES, ILLINOIS
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 NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed
 IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.



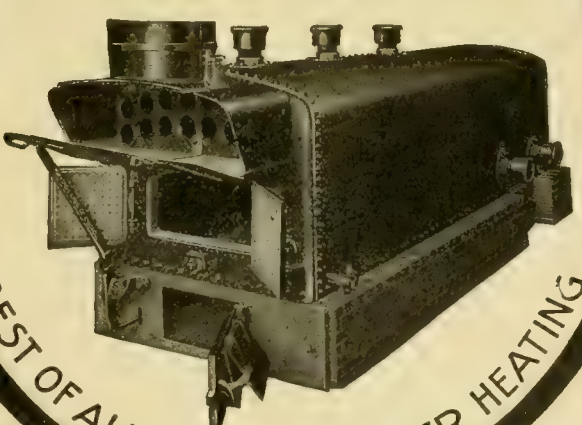
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 GREEN HOUSE
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BEST OF ALL FOR HOT WATER HEATING

Kroeschell Bros. Co.

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Paying Houses

When planning for your new houses you no doubt wish to erect the same so that in the course of time you have the best returns from them. You want to consider the **DURABILITY**, the **CONVENIENCE**, the **EFFICIENCY**, and last but not least, the **COST** of the houses. Not one of these points is overlooked in our construction. Write for our sketches and estimates.

Inquire for our **GLASS PRICES**. They will interest you.

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2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
 Greenhouse Material Hardware Hotbed Sash

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Established 1765

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HEWS**STRONG
RED
POROUS****POTS**POT MAKERS FOR A
CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST
MANUFACTURERS.**A. H. HEWS & Co., Inc., Cambridge, Mass.****WAREHOUSES:**
Cambridge, Mass. New York, N. Y.**Syracuse Red Pots
Standard Pots
Azalea Pots, Pans**

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Bretschwerth, Prop.

SYRACUSE, N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. M. KRAMER & SON, Cedar Rapids, Ia.

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Those Red Pots**"STANDARDS"**

Full size and wide bottoms.

BULB PANS and AZALEA POTS**DETROIT FLOWER POT M'Y****HARRY BALSLEY, Detroit, Mich.**
Rep. 490 Howard St.

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RED POTS**STANDARD PANS AZALEAS****HARLEY POTTERY CO.,
NASHVILLE, TENN.**

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**Tile Greenhouse Benches
NEVER ROT.**

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood.

Write today for circular, showing our new "ALLTILE" Bench.

CAMP CONDUIT CO., Cleveland, O.**GEO. KELLER & SON,
Manufacturers of
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2614-2622 Herndon St.,
CHICAGO

Mention the American Florist when writing



Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

The Peters & Reed Pottery Co.**So. Zanesville, Ohio****WM. M. WARRIN**
16 W 23rd St., NEW YORK**"MOSS AZTEC" WARE****I. G. KIMBLE**
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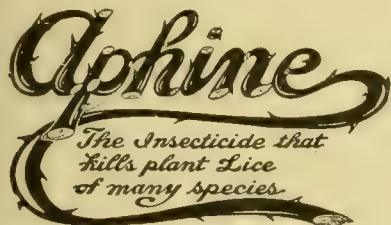
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Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

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 35c per 1000; 3000 for \$1.00. Postpaid.
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Pillsbury Carnation Staple
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SUPREME CARNATION STAPLES
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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVI.

CHICAGO AND NEW YORK, APRIL 22, 1916.

No. 1455

THE AMERICAN FLORIST

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Secretary-Treasurer.

MOTHERS' DAY.

First Suggested by The American Florist, May 16, 1908.

An Unusual Trade Opportunity.

When the first mention of Mother's day in a trade journal was made by THE AMERICAN FLORIST in its issue of May 16, 1908, this beautiful idea was then in its infancy. Many there were, who although seeing the article, scarcely gave it a second glance, thinking it a fad that would never amount to anything commercially. At that time the writer had several conferences with Miss Anna Jarvis, who explained her object in exploiting this beautiful custom and the efforts she was making to interest churches and Sunday schools. Public schools were also visited. Even the attention of mayors of all the large cities and governors of states was called to its observance and many issued proclamations setting aside the day as one to be observed in their communities as Mothers' day and addressed meetings held in its celebration. She had even at that time a trunk full of clippings of press matter, much of which she had prepared and started on its rounds of the papers. Her bills for postage were getting quite burdensome—her mail was rapidly increasing. Encouraging reports were received from everywhere, endorsing the movement, which, however, had at this time, 1909, attracted very little attention from the craft.

As a matter of fact, the importance of Mothers' day as a flower holiday was forced on the trade. After several observances, each with an increasing demand, the possibilities of the day as a floral holiday became apparent and in 1912 and '13 many of the retail craft in various populous centers got together and exploited the day by means of co-operative advertising, in most cases, with very good results. With all this effort, however, the movement has only started, as it is possible to make this one of the greatest flower days of the year. If every individual firm would get in line and boost Mother's day, as they should, it would be given an im-

petus that would carry the work somewhere near the recognition it deserves. The interest aroused would greatly benefit the trade, for there can be no proper observance of the day without flowers. To make a campaign such as this successful, there must first be enthusiasm—a man's whole heart and soul should be in the work; he must believe in it and act as if he did. First there is the literature, carefully written circulars, setting forth the ideas of the founder, and how inseparably the observance of the day is connected with flowers.

Although the white carnation has been deemed essential by Miss Jarvis, because it was her Mothers' favorite flower, the trade generally are educating the public to use, not only carnations of all colors, but roses, and in fact flowers of all kinds. "Flowers for Mothers' day", must be the slogan. After the circular, should come the decorated window; not just on Mothers' Day, but at least two weeks before. If every retail florist in the country would thus feature the observance of the day, what a wonderful stride forward would be made. Window cards were first used in Philadelphia. They were gotten out by a few retail men and enterprising wholesale florists, who sent the cards out gratis to their customers. Even this small display had its effect as people came into the stores to inquire what it meant and as a rule became enthusiastic and followed their approval with orders.

In many of the large cities where the movement has been successfully carried out, and the general public aroused to its observance, the result has been due largely to the united action of the trade in their advertising. Half or whole pages in the daily press exploiting the day, some with the names of the contributors and others unsigned, leaving the patrons to go to their favorite florist, brought very good results. Special emphasis should be called to the facilities of

the Florists' Telegraph Delivery for delivering flowers at long distances, as in many families members away from home could be pleasantly united with their loved mother by gifts of flowers at this time.

There are many unique methods of decorating the windows. Some go to considerable expense using wax figures representing an elderly lady. This does not appeal to us. A reproduction of Hovenden's great painting, "Breaking Home Ties", Whistler's picture of his mother and other similar etchings, are all appropriate to be used about the store or in the windows. Appropriately worded cards calling attention to the day should always find a place in window and store. Banners with "Mothers' day, May 14", in bold letters should be given to all the retail stores so they could be placed about the establishment and on the sides of their delivery cars.

We feel that the possibilities of the day have never been brought fully to the front. The idea that the second Sunday in May is to be observed by a visit to the cemetery, to place flowers on the grave of the departed mother, is well worth attention in all advertising matter. Should this become a custom, the volume of business created would add very materially to the trade, in which all branches would participate.

The high price the white carnation attains at this time, is of course due to the fact that the demand greatly exceeds the supply; it cannot be otherwise, and the only solution is, to establish the fact that all flowers are appropriate to be used for the proper observance of the day. Roses, lilies, carnations, sweet peas; in fact, everything in season, no flower having any special significance over another. Arranged boxes of flowers, if artistically put up, with a proper blending of the colors, are very inviting. With these on view, customers who are undecided as to just what they want, are often induced to make purchases at a price more than they intended to pay.

Mothers' day has come to stay, each recurring observance, with its increasing demand for flowers, has proved this. That it should be exploited by all the trade in every state of this country by systematic educational methods, keeping to the front the Miss Jarvis' idea of setting aside the second Sunday in May each year, to the memory of the best mother that ever lived, your mother, and wearing on that day a flower, sending to the mother, if living, a box of choice flowers and if she has passed away, revere her memory by placing fragrant blossoms on her grave. The custom is ideal; it appeals to the most sacred impulse in man, woman or child, the love of mother.

The commercial aspect is at all times to be kept concealed. Timely articles written by experts, advertising men, whose business it is and who know the great highways of publicity and how best to reach the people through them, would furnish the press of the country with articles they would be glad to publish as news matter at no cost to the trade except that of the preparation. Every florist in this broad country should be interested in making Mothers' day a grand floral holiday. Will you do your part and by helping others help yourself?

K.

Mothers' Day Publicity.

While the nation-wide observance of Mothers' day is becoming more general each year, and the increase in the call for flowers for the occasion is manifest, practically few of the craft realize the opportunity this day offers to make it one of the most profitable flower days of the year. Florists in a few of the larger cities were quick to grasp its possibilities, and have for



Mrs. Jarvis.

Mother of Mothers' Day.

Photo Copyrighted by Anna Jarvis.



Miss Anna Jarvis.

Founder of Mothers' Day.

Photo Copyrighted by Anna Jarvis.

several years, through appropriate, well directed advertising, supplemented by window displays in keeping with the occasion, secured results beyond their expectations. The trade in Cleveland, Toledo, Minneapolis and other cities have "gone after" Mothers' day business. They had results from the start and their sales on this day show an increase with each succeeding year. When the demand for carnations reached the point where it exceeded the supply, the public was educated to

buying other flowers—roses, lilies, assortments in boxes, and even flowering plants.

In some instances the co-operative plan, all of the florists of the city combining and using large space in the newspapers to stimulate a general demand; in others, individual advertisements, often featuring something special for Mothers' day, were the means employed to reach the public, but in nearly every case the results were most satisfactory, not alone to the retailer, but the wholesaler and the grower as well. Also coming as it does during a period of comparative dullness, any opportunity offered to offset the quiet business which will follow the exodus of many regular flower purchasers to the summer resorts, should not be overlooked.

In its issue of May 16, 1908. THE AMERICAN FLORIST, realizing the possibilities offered to the trade in the observance of the second Sunday in May of each year as Mothers' day, an occasion when flowers were especially appropriate to express the sentiment of the day, was first to suggest Mothers' day to the trade as one that would eventually become one of the greatest flower days on the calendar. The date of its first observance, comparatively only a few years ago, makes it all the more important that the date should be kept well before the public, and to this end advertisements in the daily press, appealing to the sentimentality of the occasion, appropriate window displays well in advance of the day, window cards, circulars, announcement cards, always giving prominence to the date upon which Mothers' day will be observed; in fact, any well-directed plan to place the object of the day and its date before the public and keep it there, is bound to appeal to sentiment and cause a demand for flowers so necessary to its proper expression.

We reproduce herewith two specimens of advertising employed for Mothers' day which brought results far in excess of their cost. Another feature which is doing much to impress the sentiment of the day upon thousands, is the annual custom of the Baltimore & Ohio Railroad Co. in presenting carnations to passengers on its trains on Mothers' day.

Well-directed publicity has done much to awaken the public to the appropriateness of flowers and plants for many occasions and has played a large part in the building up of the business on many of what are now recognized as "red letter" days in the trade. It has done much in convincing the public that flowers were the proper tokens for St. Valentine's day and St. Patrick's day. For Mothers' day, where it has been tried, its effect has been stimulating. Keep Mothers' day in the mind of the public—and it will keep you in mind on Mothers' day.

Congressional Resolutions on Mothers' Day.

PUBLIC RESOLUTION—NO. 25 63D CONGRESS.

Joint resolution designating the second Sunday in May as Mothers' day, and for other purposes.

Whereas, The service rendered the United States by the American mother is the greatest source of the country's strength and inspiration; and

Whereas, We honor ourselves and the mothers of America when we do anything to give emphasis to the home as the fountain head of the state; and

Whereas, The American mother is doing so much for the home, the

moral uplift and religion, hence so much for good government and humanity: Therefore be it

Resolved, By the Senate and House of Representatives of the United States of America in congress assembled, that the president of the United States is hereby authorized and requested to issue a proclamation calling upon the government officials to display the United States flag on all government buildings, and the people of the United States to display the flag at their homes or other suitable places, on the second Sunday in May, as a public expression of our love and reverence for the mothers of our country.

SEC. 2. That the second Sunday in May shall hereafter be designated and known as Mothers' day, and it shall be the duty of the president to request its observance as provided for in this resolution.

Approved, May 8, 1914.

PLANT NOTES.

Hydrangeas.

There are very few plants that are generally grown that show more variance in their culture or in the returns to the grower than the hydrangeas, especially those that are grown for summer blooming. In looking over the stocks in the several markets one will often see the extremes of these plants grown in the same sized pot; one with eight to ten heads of bloom, short and stocky with fine foliage, an ornament on any porch or in any yard; and the other tall and long jointed, with two or three heads of bloom and five or six branches with no flowers and the foliage thin and small; the former bringing the grower \$2.00 to \$2.50 and the latter hardly averaging 75 cents. Yet these two plants have practically cost the grower the same amount of labor. These plants grow rapidly and must have plenty of room, an abundance of sun and lots of nourishment. It is useless to try to grow a good plant when they are crowded together. Many growers finish these plants by raising the pots over the benches of bedding plants that do not now require the full amount of sun, placing the hydrangeas about four feet apart in the center of the bench and standing the pot on a stand two feet above the other plants. This gives the hydrangeas a fine location. When the plants have set their buds the pots will probably be full of roots and a watering of liquid manure once or twice a week will greatly assist them in finishing up the flower and keep the foliage in good color. To grow good hydrangeas they must have plenty of food, room enough to grow shapely and for the air to circulate all around the plant and a light, well ventilated location. Under these conditions they are easily grown and are remunerative to the grower.

Gypsophila Paniculata.

There are few summer flowers that are of more use to the florist having a local trade than the gypsophila, for it lightens up work beautifully and greatly aids in softening the appearance of the summer flowers, many of which have a coarse look in floral work, and in bouquets, sprays and basket work the sprays are particularly useful. The grower not possessing a good bed of this should procure stock at once and plant them in a good, sunny position,

"Mother is the name of God in the lips and hearts of little children."—THACKERAY.



"Youth fades, love droops, the leaves of friendship fall, a mother's secret hope outlives them all."—HOLMES.

First in
the Hearts

of the
Nation on

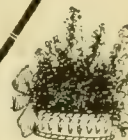
Mothers' Day

Sunday, May

Next Sunday is Mothers' Day, set aside by the whole nation to honor universal Motherhood and your own Mother in particular. Governor Cox in his proclamation just issued, says, "We have reached that point in our civilization where Motherhood is enshrined in the hearts of the human race as is no other sentiment." All over the nation everyone honors Mother by sending her flowers, or a basket of her assorted favorites, or a plant that she loves. Common custom the country over has led to the adoption of the following slogan for Mothers' Day,

**"A Colored Flower For Mothers Living,
A White Flower For Mothers Dead"**

The leading florists here represented have made special preparations to deliver flower and plant orders promptly in any quantity to all parts of the city and to supply the public with fresh, choice flowers, or baskets daintily made up, or any seasonable plants.



The Art Floral and Decorating Co.
315 St. Clair.

Krueger Bros.,
Nevada and Clark-sts.

Mets & Bateman,
414 Madison-ave.

Spanner,
246 Summit.

Harry Heintz,
Detroit-ave.

Scottwood Greenhouse,
Scottwood and Hancock.

Schramm Bros.,
1315 Cherry-st.

Chas. Koelker & Sons,
436 Empire Arcade.

Helen F. Patten,
907 Madison-ave.

S. N. Peck,
424 Superior.

Emil Kuhnke,
Holland, Near Woodville.

Paul Timm,
2006 Monroe.

Mrs. J. B. Freeman,
336 Superior.

MOTHERS' DAY ADVERTISING OF TOLEDO FLORISTS. DATE OMITTED.

Will be Observed, Sunday, May 14, This Year.

and after once becoming established they require no further attention than to keep the bed free from weeds and occasionally cultivated. Seed can be now sown and as soon as large enough transplanted in rows outside where they can remain until another spring, when they can be again transplanted to permanent quarters, but to have plants that will bloom this year it will be necessary to procure older stock. The double form of this plant is even more beautiful than the single for some purposes, and its lasting qualities make it more valuable for a cut flower than the older variety.

Freesias.

Although the freesias are a cheap bulb they should not be thrown away, for it takes but little attention to ripen them off after they are through blooming and as good bulbs can be procured as those that are purchased. The freesia is a native of southern Africa, so they are blooming at the natural season when flowered in midwinter in the north. But the bulbs must be allowed to mature their growth and then dried off gradually. The pots or boxes in which they are grown can then be placed in full sunlight and allowed to become very dry. A shelf near the glass makes an admirable place on which to place them after the growth has finished and no more watering is required, but they must not stand where any drip from the roof on a stormy day is liable to keep them

moist. They can be shaken out in June and the bulbs started, as it is comparatively easy to select the flowering bulbs and store in a dry place until wanted for planting. For Christmas blooming the bulbs should be started early in July and a succession of plantings until September will give the grower flowers until the following spring.

Lilium Longiflorum.

Among the best flowers for greenhouse culture during the summer months is the Lilium lancifolium, of varieties rubrum, roseum album and Melpomene. While these varieties can all be grown outside, yet under those conditions they rarely give perfect flowers and they also tarnish quickly in the direct rays of the sun or under heavy rains and to have flowers that can be used for decorative work or designs it is far better to grow them under glass. Those that are to bloom in July should have been started in March, but for August blooming they can be planted now. One of the easiest ways to grow these bulbs is to plant them in boxes from four to six inches deep, not too large, but of a size that one man can handle when filled with soil. Do not fill the boxes too full when planting the bulbs, for like all lilies they throw out roots at the surface, so it is well to leave room for top dressing later. Grow them in a cool, shady location and after the spikes begin to grow give them plenty of water

and keep them tied erect to stakes. Constant fumigation will be necessary to keep the green fly in check. This is in no way forcing these bulbs, and if properly dried off after blooming the bulbs may be grown year after year and a good crop of flowers obtained.

Celosia Plumosa.

The plants of *Celosia plumosa* or the ostrich plume celosia are of very easy culture and make very showy plants for either the garden or the greenhouse. They form pyramidal bushes and the yellow and red plumes which resemble ostrich feathers stand gracefully above the foliage. While they make showy plants for the garden, finer specimens are grown under glass, and they make very showy plants in the late summer and fall. Seed sown in April will make fine plants for culture during the summer, but like all the celosias the young seedlings damp off easily. As soon as large enough they should be potted in good light soil in 2½-inch pots and later shifted to 4-inch to grow large plants to 6-inch pots. They should be grown in a good, strong light, for if shaded the plants will become drawn and the dwarf compact plants are more desirable. *C. plumosa aurea*, the orange ostrich plume, and *C. plumosa coccinea*, the crimson ostrich plume, are the two best of the older varieties, and *Pride of Castle Gould*, a new introduction of the last few years, is the best of all the ostrich plume varieties and can be obtained in many colors.

THE CARNATION.

Care of the Young Stock.

The success of next winter's carnation crop depends very largely on the attention given the young plants now in the early stages of their growth. The building up of a strong, floriferous plant may be said to start with the selection of the cuttings, followed up with close attention to the needs of the young plants through the different stages of their growth.

Beginning with the cuttings in the propagating bed, as soon as they have made a nice cluster of roots, they should be taken out, potted, and given light cool quarters. In a very few days they will have taken hold of the fresh soil and then commences a rapid growth.

The young plants rapidly stretching out, soon get to the point where they will need topping, a part of the work that is very important and should be done on time, or in other words, as soon as the growth is advanced far enough to allow for a clean cut to be made; the young plants are weakened and much time is lost when the growth is allowed to lengthen out too far, and it should be borne in mind that every shoot the plants are encouraged to make means more uniform plants and better prospects of successful crops for next season. The question of topping high or low depends greatly on the habit of the variety. Some growers claim better success with low topping and others stand by topping higher up. We make our first topping at the third or fourth leaf joint, according to the variety; short jointed bushy growers we aim to keep up a little so that when the plants are matured they have a clear stem above ground, and we try as much as possible to top each batch of plants alike and at the same time so

that the growth of the plants will be even throughout.

Together with the topping, the young plants should be worked along. The early propagated stock, now well established in 2½-inch pots, need potting into 3-inch, using a live, fresh soil as before. For a few days after potting keep them a little close; then as they become rooted into the fresh soil, give them a cool temperature with plenty of air on every favorable occasion. Young carnation plants thrive best in a cool, airy atmosphere and make a strong sturdy habit, so that when they are transferred to the field there is scarcely any check to their growth, but when they are treated to a high, close temperature, causing a soft growth, they lose a lot in getting used to the outside conditions.

It is well at this time to take stock of the young plants now on hand to see if the number comes up to your requirements. It is getting late for carnation propagating, and unless the cuttings are well along toward being rooted, they will not have much chance to make good plants when the time comes for planting them in the field, and if any more are needed it will be better to buy in some rooted cuttings than to start another batch in the sand.

Watering is one of the particular parts of the care of the young plants. It is best to keep them moderately moist all the time, but excessive wet or dryness should be guarded against. When the roots are active the plants respond with a healthy, vigorous growth.

It seems hardly necessary to remind growers to keep their plants free from weeds, but it is very im-

portant with these young plants. The weed seed is usually abundant in the fresh soil, and after being brought into the greenhouse grows very quickly, and unless they are removed the young carnation plants are going to be the ones to suffer.

Another very important item is to be sure the plants are free of insects. The bright days we get from now on allow for an occasional syringing to check the red spider, and fumigating once every 10 days or two weeks will keep the other insects down.

The general routine work in caring for the older plants must not receive any let up. The abundance of flowers coming on makes it necessary to pay particular attention to the disbudding. Airing the houses is another very important part of the work. A high degree of close temperature will cause the red spider to work quickly and once the red spider gets a foothold on these flowering carnation plants, it is good-bye to good flowers in a very short while. The weather now permits of regular syringings once a week, and as the season advances, it can be done more often, but care should be taken not to get the soil of the beds too wet.

Any cutting of the flowers should be done early in the day before the sun's action works on the plants; they keep much better when cut early than if cut in the middle of the day when the power of the sun is at its height.

C. W. JOHNSON.

Danger From Overfeeding.

RESULTS OF HEAVY FERTILIZATION.

In contrast with the results obtained from heavy fertilization with acid phosphate, marked injury resulted from

The love of a mother is never exhausted. It never changes. It endures through all: in good repute, in bad repute, in the face of the world's condemnation, a mother's love still lives on.

MOTHER'S DAY
MAY—
Minneapolis Florists Club.

MOTHERS' DAY ADVERTISING OF MINNEAPOLIS FLORISTS. DATE OMITTED.

Will be Observed, Sunday, May 14, This Year

like heavy applications of dried blood and potassium sulfate. Two sections, one of White Perfection and one of Enchantress, containing 40 plants each, were each treated weekly with $2\frac{3}{4}$ pounds of dried blood per 100 square feet of bench space. Two similar sections were each treated with $2\frac{3}{4}$ pounds of potassium sulfate weekly. To each of these four sections an appli-

directions strictly as to the amount of fertilizer to apply, and to see that the fertilizer is weighed out. It must be remembered that "where a little is good, more is better" is not applicable to the use of fertilizers in the greenhouse.

SYMPTOMS OF OVERFEEDING.

The later stages of injury due to dried blood and potassium sulfate are

above the calyx. The foliage assumes a deep green color, with abundant "bloom," and growth is normal for a time. Continued feeding, however, causes a retardation in growth. Carnation plants overfed with dried blood will gradually recover.

The injury from equal applications of potassium sulfate is more pronounced and more persistent. The first sign of injury is a crinkling of the edges of the inner petals, some brown spots appear, and at times the edges of the petals are withered. This stage is followed by a stage in which the center petals fail to open, being glued by a syrupy secretion. For this reason the later buds never open. An interesting abnormality is found in buds thus swelled beyond normal diameter and not opened, yet with the pistil projecting an inch beyond the bud. In addition to the effect upon the flowers, the injury from potassium sulfate is manifested by a marked retardation in the growth of the plant. The leaf tips gradually die, but the leaves, although somewhat thinner than normal, develop to a nearly normal width and length. The internodes of developing shoots, however, seem to lose their power of elongation, and this, coupled with the nearly normal length of the leaves, combines to produce a "rosette" structure.—Urbana, Ill., Experiment Station Bulletin.

Carnation Diseases.

Report of Geo. L. Peltier, horticultural pathologist, Illinois Agricultural Experiment Station, Urbana, to the Illinois State Florists' Association, March 7, 1916.

Branch rot of carnations was much more serious this past season than formerly. This condition was due in part to the peculiar weather conditions which were prevalent during the summer. The excessive rains produced plants that were large, bushy, and soft. As they made such rapid growth, a large amount of topping was necessary which increased the number of wounds and so increased branch rot. Also, the plants being bushy prevented them from drying out completely after the rains, and this factor also induced this trouble.

The fungus causing branch rot cannot attack a healthy plant below the surface of the soil like stem rot, but it is more in the nature of a wound



EXHIBIT OF A. N. PIERSON, INC., CROMWELL, CONN., AT THE NEW YORK FLOWER SHOW.

cation of eight pounds of dried blood, two pounds of acid phosphate, and two pounds of potassium sulfate per 100 square feet was made in the fall. The check sections were the same sections described under the preceding heading. They received only eight pounds of dried blood, two pounds of acid phosphate, and two pounds potassium sulfate during the year. The first application was made on October 4 and the last on April 25. No harmful results were noted before about the first of the year. On December 16 the various sections had produced flowers in the numbers shown as follows:

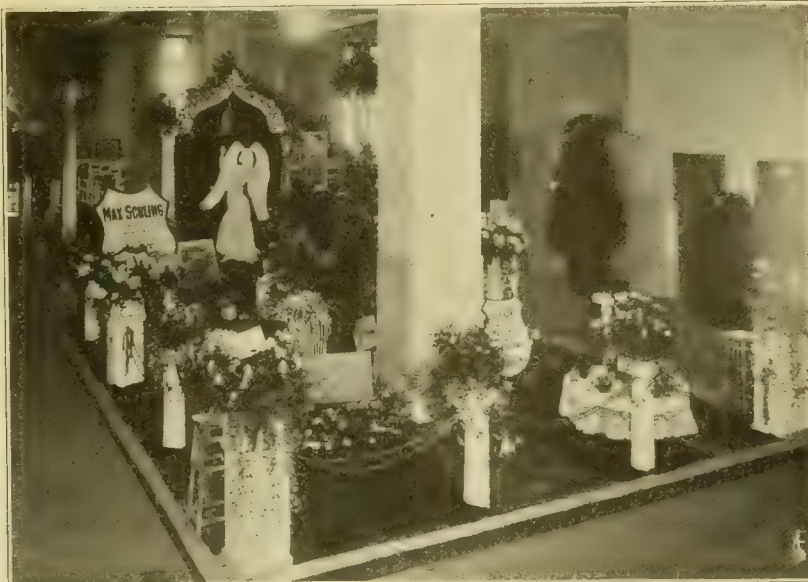
EFFECT OF EARLY STAGES OF OVERFEEDING. White Perfection.

Flowers	
Excess dried blood.....	264
Excess sulfate of potash.....	238
"Check"	219
Enchantress.	
Excess dried blood.....	242
Excess sulfate of potash.....	209
"Check"	218

A noticeably larger number of flowers had been produced in the sections fed with an excess of dried blood than in the check sections. About January 13, however, the first sign of overfeeding in both treatments was noticed, when the petals began browning at the edges, the center of the blossoms did not open, and many buds remained closed. In two weeks the flowers were ruined, hardly a salable blossom being present. The plants overfed with dried blood later recovered, but those overfed with potassium sulfate were ruined for the season.

The point to emphasize in regard to injury by overfeeding with dried blood or potassium sulfate is that the first sign is on the petals themselves; consequently the flowers are ruined when the overfeeding is discovered. The way to avoid overfeeding is to follow

quite characteristic for each fertilizer. As has been stated above, acid phosphate applied in large quantities produced no injury. Flowers from plants overfed with dried blood become quite soft, and if watered overhead during sunshine, will show brown spots on the petals where a drop of water has stood. A little later the flowers are characterized by a peculiar bunching of the center petals, leaving only a double row or so of petals open as in normal condition. Later buds do not open, the flowers remaining stationary after the petals have shown a half-inch



MAX SCHLING'S EXHIBIT AT THE NEW YORK SHOW.

parasite, attacking branches where the flower stems and shoots have been broken off and slowly working its way down into the stems and finally killing the entire plant. The fungus is also able to get in at the nodes and kill the young shoots even before they are visible. In bad cases of node infection, the nodes become discolored and split, and in a short time the whole branch dies. It was observed, for the first time, this season, that the fungus is the principal cause of the dying off of the lower leaves of the plant, especially in cases where the plants have yellows. To control this trouble, I would make the following recommendations:

1. It is better, for several reasons, to use a medium sized, sturdy plant than a large, bushy one to set in the bench.

2. In planting, do not set the plants too close together. Overcrowding will increase branch rot considerably.

3. As in the case of the control of stem rot, keep the temperature down, especially during the first three months.

4. It is always better to syringe early in the morning of a clear day, so that the plants will dry out by evening.

5. In topping, be careful not to leave stubs and broken parts on the plants, for these are open doors for branch rot to enter.

6. In gathering flowers, experiments have shown that carefully breaking off the flower stems at the node is to be preferred to cutting the stems between the nodes. Branch rot will enter a stub easier than it will at the nodes.

7. Of the utmost importance in the control of branch rot, as well as other diseases, adopt for your slogan, "keep the houses clean", which means under, as well as on top of the bench.

Carnation yellows appears to be increasing in seriousness rapidly and is now to be found on all the standard varieties on the market. While the cause of this disease still remains unknown, I would make a few suggestions, at this time, which if carefully followed out will help eliminate this trouble from your greenhouses.

1. Always bear in mind that anything that will lower the vitality of your plants will increase the amount of yellows. Also, that any check the plants receive will, likewise tend to increase yellows.

2. Before making your cuttings, select and mark the strongest and healthiest plants in the benches. Watch them closely and if they develop yellows do not take cuttings from them.

3. Make your cuttings from plants in bloom in preference to stock plants. In this connection, when you grow a new variety remember the plants are generally propagated from stock plants and in many cases weak cuttings, due to overpropagation, are used. Therefore, it is well worth your while to select the best and strongest plants of the new varieties the first year and watch them closely and then make your cuttings in the manner I have outlined above.

4. Root your cuttings early in the season and do not leave them in the sand after they have rooted. It is better to put up cuttings with the root system fairly developed than to wait until the cuttings have a great mass of roots. From my observations, I have found that the later cuttings are

made, the longer they take to root. Also, that the late rooted cuttings will be troubled with yellows much more than the plants rooted early in the season.

5. Although the more plants are shifted, the more yellows will increase, never let the young plants become pot bound, or stunted.

Antirrhinum rust, like the carnation rust of old, has spread over the whole country and is now found in the east as well as the west. Like carnation rust, it will run its course and the ultimate result will be that the antirrhinum breeder will give us rust-resistant varieties as in the case of the carnation. However, this time has not yet arrived and the question now before the grower is to know how to control it at the present time.

This rust as well as anthracnose, another disease of the snapdragon, can be prevented by applying Bordeaux mixture every two weeks from the seedling stage until the spikes form, followed by a weekly application of ammoniacal copper carbonate during the rest of the growing season. A weekly application of the ammoniacal copper carbonate is also effective. Bordeaux mixture discolors the foliage, so that it cannot be used through the season.

In my former reports I recommended the use of seeds instead of cuttings. However, I have learned from experience, that suitable plants for commercial purposes cannot be obtained from seeds. Therefore, I would modify my recommendation to this extent. Do not use cuttings if you must send for them. Start your first batch from seed and then select cuttings from the most promising plants. Rust cannot be introduced in your establishment through seed, but in-

fect cuttings can be easily overlooked. It has been proven rather conclusively, that the rust was spread over this country in the last three years, on infected cuttings.

Last summer, work was started on aster wilt and yellows, two of the most serious troubles of this crop. About ten thousand plants were used in the experiments. Twenty-five varieties, representing all the commercial types, were grown from seed obtained from various states in this country and different localities in Europe. All the plants used were more or less infected with yellows, showing that the variety or origin of the seed has no influence on the amount of yellows. The more young seedlings were shifted, the more loss from wilt occurred. This was true to some extent with yellows also. The lowest percentage of loss occurred where the seeds were sown directly in the field, although the plants bloomed later. Disinfecting the seed with mercuric chloride (one part to 1,000 parts of water) for from five to ten minutes, and the use of clean seed beds, with a minimum of shifting or transplanting, will materially decrease the loss from wilt. No recommendation can be made for the control of yellows at this time.

Besides the studies reported on above, which are to be considered major problems, we have under observation a number of minor troubles, which it is hoped will be brought to your attention through circulars issued by the division of floriculture, or through the trade papers.

WATERTOWN, S. D.—V. Christensen, formerly of St. Paul, Minn., has opened a flower shop on South Broadway.



MAX SCHLING'S EASTER NOVELTY AT NEW YORK SPRING SHOW.
Figure of Dutch Child with Rabbit on Composition Egg with Zinc Lining.



DINNER DANCE OF THE NEW YORK FLORISTS' CLUB IN GRAND BALL ROOM OF THE BILTMORE HOTEL, APRIL 8, 1916.

THE ROSE.

Guarding the Easter Crop.

At this writing, owing to the variety of the weather we are having, the rose grower will have his work cut out for him in order to avoid mildew, black spot and burned foliage, as the cloudy weather has softened up the growth considerably in the last week or so. The main thing to do in this instance is to ventilate very, very carefully, and when the weather is warm enough to dispense with all artificial heat before the sun strikes the houses, or if the day be cloudy and warm, and the inside temperature will reach 65 degrees, bank the fires and use a little crack of air if possible. It is not advisable to throw a lot of air on the houses, even if the temperature should run up to 80 or 85 degrees following a prolonged cloudy spell of weather, allowing a drought and unaccustomed sunshine to burn the tender growth. Under these conditions, spray the plants overhead at once and carry very little air, and, to avoid mildew, do not ventilate at night, but run the houses at a temperature of from 56 to 58 degrees, and do not think of dispensing with the fireman's services for weeks to come, for some morning the temperature may take a sudden drop about 3 a. m. and make a mess of things. Keep the night man on, and instruct him carefully not to let the temperature get too high, as it is inclined to do at this season. Keep the sulphur painted on the pipes frequently; try to prevent the mildew, rather than do a lot of worrying after it once gets a good start, for it is a tough old customer when it once gets a hold. Unfortunately, black spot and mildew thrive under the same conditions, but the latter disease is somewhat at a disadvantage if one can ventilate freely, which, under the conditions described

above, it is dangerous to do; so to materially lessen the chances of black spot getting a start, every precaution should be taken to keep the floors, the walks and the surroundings dry. Do not slop things up when watering and run things a little on the dry side until normal weather conditions prevail. A dusting of air-slacked lime through the houses frequently will help wonderfully to sweeten things up, and is equivalent to airing in some cases.

How about the cuts for Easter? Have you everything in readiness to handle the business satisfactorily—plenty of supplies and a system arranged to run out everything as smoothly as possible? One can not have things arranged at the last moment and come through without some very regretful mistakes, and it is only after some years of experience that we find the most satisfactory way to take care of any of the holiday business. To the novice we will state that good, fresh stock is the most important thing, so "cut out" any attempt to "corn" or "pickle"; it never has worked and never will. Next perhaps is the importance of filling every order taken carefully, attention being paid to the smallest of orders, and avoid disappointing a customer, if possible, even if you have to fill the order without profit by going outside for the goods. Remember it is your fault if you haven't the stock to take care of your orders, and do not overcharge for anything at this time, just because stock may be rather scarce. Of course, the supply regulates the demand, and the demand the prices. At the same time do not let these conditions run away with good judgment to the extent of injuring future business. In all probability we would put up a big "holler" and do when the same thing is attempted by the store men, and do not be too close-fisted when filling an order; allow plenty of green, an extra flower now and then, and you will find

it will compensate you in the long run.

We will now step inside and look through the range. Yes, that is fine-looking, young stock, but it is ripening up a little too much; better shift it as it is grafted from the 2½-inch pots. Shift it to a 3½-inch pot, with drainage, and while you are handling it, cut away the raffia and stake and tie each plant. It will take some time to do this, but then it will be all over with and off your mind. Never, if you can help it (and you can), let the young stock make more than one growth in the same pot, and never shift a rose in a larger pot than a 3-inch without draining each pot. Drain by bridging two pieces of broken crock over the drain hole; otherwise by just throwing a piece of crock carelessly in the pot one doesn't know whether the plant will be drained or not.

Keep the young stock free from spider by spraying finely with lots of pressure, and by applying grape dust every two or three days with a bellows or powder gun the mildew can be prevented. If one hasn't enough soil composted, keep right at it so as not to delay planting, for it will be a very short while indeed before we will be starting to throw out and replant. Do not let the outside work cause you to neglect the indoor stock, but take on an extra man or two if necessary and keep at the front.

E.

DAYTON, O.—The Heiss Co. has disposed of its old greenhouses and will erect new ones, which will be modern in every respect. Another auto has been added to the delivery service of this firm.

VINCENNES, IND.—Paul C. Schultz held the formal opening of his fine new store April 15. For attractiveness, equipment and convenience this is said to be one of the leading flower shops in the state.

Annuals and Herbaceous Perennials.

A paper by A. H. Thurston, assistant in floriculture, Massachusetts Agricultural College, Amherst, delivered at Horticultural hall, Boston, Mass., January 30, 1915. The first section of this address appeared in our issue of July 31, 1915.

HERBACEOUS PERENNIALS.

Herbaceous perennials are plants having perennial roots with tops that die to the ground annually. Hardy bulbs are true herbaceous perennials, and consequently they have as much a technical as a practical right to be included in herbaceous borders. Herbaceous perennials would be weak in the spring if bulbs were excluded from this group. Hardy herbaceous perennials are so important in the flower garden of today that they may be called the backbone of the garden. Annuals, tender bedding plants, even shrubs are less important than this great class of plants. To most flower-lovers a summer garden without perennials would be of little interest, in spite of the fact that annuals might be at their best. What June annual can vie with the peony; what July annual with the delphinium; what August annual with the phlox?

There exists no class of plants which offers such an unlimited number of graceful forms; not a single shade of color can be mentioned which is not in some way or other represented; the variation in size is remarkable; many kinds will bloom continuously for several months, while others will bloom at a time of year when flowers are scarce. With regard to position, there are plants for every conceivable situation, no matter whether it be dry or wet, shady or sunny, warm or cold; it is simply a matter of selecting the right thing for the right place.

Gardeners who have a large demand for cut flowers recognize the value of herbaceous perennials for yielding a supply during a greater part of the year. Where a collection of hardy plants is grown and depended upon for cutting, it is better to grow those most adapted to that purpose on a separate piece of ground where they can be planted in quantities. The beauty of an herbaceous border is soon spoiled by constant cutting, and many small things are injured by treading on them. For supplying flowers for cutting, those kinds should be selected which stand well in a cut state, are hardy, and free flowering. The New England aster and the golden rod (*Solidago altissima* and *canadensis*) should be in every garden, but a great many people think that they are too common; they are weeds in their estimation because they see them growing by the roadside and in the field. Yet they buy from the nursery, plants which have been introduced from foreign countries where they are as common as the New England aster and the golden rod are here. Many of our best subjects are native American plants, yet superior varieties to the species have originated in Europe and have been sent out as novelties, many of them being sold to this country.

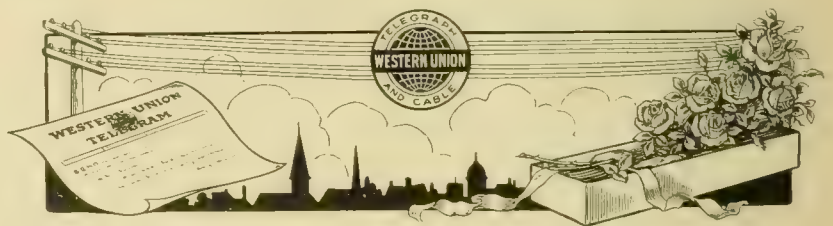
Perennials may be propagated by either seeds, cuttings, or by division. A great many of our ordinary herbaceous plants are quite easily propagated by seeds, and where large numbers are required it is the best method. Perennial seeds come slower than annuals; many need the action of frost to get the best germination. Propaga-

tion by cuttings is rarely useful for the amateur, but it is an important commercial method. Plants may be obtained from almost any plant having foliage stems by taking a short piece of the growing wood with a bud, either lateral or terminal, and placing the lower end in moist sand or other material suitable for root growth. The increase of plants by cuttings has the advantages of being rapid and of allowing the perpetuation of any variation noticed on a portion of any plant. Root cuttings are sometimes used in multiplying stock. This consists of detaching portions of the roots of the plants, making them into uniform lengths of about one and one-half inches and inserting in rows in shallow boxes or pans of sandy soil with the top of the cutting exposed. The winter season, November to February, is the best time to propagate by root cuttings. The simplest way of increasing all herbaceous perennials which have spreading, fibrous root stocks is by division, either when they are at rest, or just as they start growing in early spring. And this division is frequently good whether more plants are wanted or not, for it prevents the clumps from getting very large and weak. The outer portions of the old plants are the pieces that should be replanted, these being the youngest and therefore the most vigorous.

Most perennials thrive well in any moderately rich soil of suitable physical condition. For the majority of plants it is well to select a piece of ground on which water does not stand too long. Where the undertaking is not too expensive, the land should be trenched; if trenching is too costly, deep plowing or spading can be practiced, and the manure worked in at the same time. Herbaceous perennials are generally grown in borders, in which the planting may be entirely of herbaceous perennials, or it may be a mixed planting of shrubs and herbaceous perennials, the shrubs forming a background for the herbaceous plants. A border follows something, borders something; possibly it follows a walk or drive, or the side of a building, or the margin of the lawn; it really does not matter what, so long as it follows something. The

outlines of the border may be irregular and curving, or straight; curved lines are most graceful and best give the natural effect which is desired. Borders may be six to eight feet wide and if they are to have a double face they should be ten to twelve feet wide. A very pleasing arrangement is to have a double line of borders with a broad path, preferably of grass, between them. The border develops mass effects rather than the detached and spot effects of lawn beds and of single planting; and it derives much of its pleasing result from its length, distance and perspective.

When herbaceous plants are used in the flower garden, the grouping must naturally be of the utmost importance, so as to insure a succession of effective displays. But arranging them effectively is not so easy as it might appear, and requires not only a considerable amount of taste and forethought, but also an intimate knowledge of the plants to be used. Before we can hope to arrange them effectively we must know to what size they will grow and we must also be acquainted with the color of the flowers, the time of blooming, the habit of growth, and the behavior of plants after their flowering season is over. The tall plants should be kept in the rear part of the border, but it is a mistake to plant them all in the rear row with the medium growing kinds in the middle rows. Consideration should be given to the profile, or sky-line of the border. Plant so that the taller varieties will stand out boldly; set off delphiniums, hollyhocks, etc., by planting some lower growing kind next to them. Where the border has a double face, the tallest plants should be kept near the middle, working down from them on both sides with lower growing plants. One of the most important points in the arrangement of plants in the border is the color effect. Too often we see them planted haphazard, without any consideration of whether the colors will harmonize or not. Do not scatter single plants throughout the borders, but group each kind together in masses. The size of the masses will depend upon the area of the border. A proper selection of the different species will give us flowers from earliest spring to latest fall. Hardy bulbs should be planted here and there throughout the



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perennial border, as they make the border attractive in the spring. Annuals may later be planted in among the bulbs which will have died down.

Those species that blossom before July should be planted in the early fall; those that bloom later in the year may be planted in the spring. In relation to spring planting, the fall has many advantages, except in the case of a few of the less hardy subjects. Fall planted stock will always show a much better growth during the first year than that put in during the spring season, due to its being in position to start with the first warm days in April without suffering any check. Fall planting may be done either in early fall or late fall, with preference strongly in favor of the former. While the majority of the stock planted late in the season may pull through the winter and start into growth in spring, it is a decided advantage to have the roots established before severe weather sets in. Let us consider some of the arguments of fall versus spring planting. In the fall the nurseries are well supplied and there is no difficulty in securing good plants of any varieties catalogued; in spring, the nursery stock is depleted and the best plants of the best varieties have been sold. In autumn, the soil retains some of its summer warmth, the root action of the plants is vigorous and they get partially established; in spring, the soil is cold and root action is slow. In autumn, the garden work is decreasing and there is ample time for planting; in spring, work is increasing and there is less time.

In planting, four general rules should be remembered: First, plant when the soil is moist. Second, make relatively large holes and spread the roots well. Third, avoid planting deeply. Fourth, make soil firm over and around the roots.

White Grub Control.

Wherever white grubs were destructive in 1915 or wherever spring cultivating shows large white grubs in the soil, growers should take action to protect 1916 crops from damage and continue the warfare on this pest to prevent heavy damage to crops in 1918. The white grubs that have wintered in the soil will come to the surface in April and May and feed to some extent on the roots of plants. By the middle of June they will become dormant, change to pupae early in July, and by September will become beetles which remain underground until the spring of 1917.

To lessen the damage to 1916 crops from the brief spring feeding of these large grubs, the United States department of agriculture states that the following measures are important:

(a) If the ground is to be plowed or cultivated in the spring, delay plowing as late as possible, or until the grubs have returned to near the surface (about last of April) and have chickens follow the plow to destroy the grubs that are turned up.

(b) Delay planting until May 15-20 or a little later if practicable. The object of this is to have the roots of the young plants develop so late that this year's large grubs will not have much chance to do damage before they become dormant early in June.

(c) Where possible, on land that is infested, avoid planting corn, timothy, strawberries, or early potatoes.

Pasture hogs on the infested ground at any time but especially during April 15 and October 15, as they root out and destroy the grubs.

Exports Extraordinary.

Total exports from the port of New York for the week ended April 1 reached the record-breaking amount of \$78,745,000, as compared with \$24,971,000 in the same week in 1915 and \$20,609,000 in the corresponding week in 1914, according to the compilations of the foreign trade department of the National City Bank. The exports to Great Britain were \$27,000,000, as against \$7,000,000 in the same week of last year; to France \$13,000,000, against \$6,000,000; to Russia, \$8,000,000, against \$500,000, and to Italy, \$3,500,000, as compared with less than \$300,000.

New London Horticultural Society.

The monthly meeting of the above society was held April 13. The evening was devoted to the queen of flowers, the carnation. Wm. A. Dawson, Willimantic, Conn., spoke of its history down to the present time. All the tables were filled with plants and flowers from the neighboring estates, the cut flowers being given to the lady members at the close of the meeting. It was the largest meeting the society has had and three new members were elected.

H. L.

New York Florists' Club Bowling.

Players	April 6.		
	1st Game	2d Game	3d Game
Miesem	179	163	167
Jacobson	168	163	151
C. W. Scott	154	173	167
Fenrich	159	149	155
W. P. Ford	151	148	156
Kakuda	150	148	156
Le Moutt	111	134	120

Players	April 13.		
	1st Game	2d Game	3d Game
Irwin	171	145	152
Miesem	162	163	167
W. H. Siebrecht, Sr.	155	157	158
Jacobson	156	168	159
C. W. Scott	163	172	159
Fenrich	154	...	...
Kakuda	175	147	168
Rovatzner	163	...	...

A. F. F.

The Woods in Springtime.

You fellers in the city think you know when spring is here—

You talk about the "ozone" an' the "balmy atmosphere";

The smoke of busy chimneys takes a diff'rent kind of hue,

An' sometimes you imagine that the sky is really blue;

The florist sets his posies out upon the sidewalk now;

You kin hear a tugboat chuggin' up the river with a scow;

You feel a fresh ambition in your race for worldly goods—

But there ain't no springtime whatever though exceptin' in the woods.

In the woods the buds are bustin', in the woods the grass is green;

There ain't no iron railin's there, your feet and grass between;

In the woods a bird is singin'—spillin' joy to beat the cars—

An' he ain't no sick canary cheepin' mournful through the bars;

In the woods the sun is shinin', siftin' softly through the trees;

In the woods the sweetest perfume travels on the mornin' breeze;

In the woods the flowers are peepin' from their little velvet hoods—

Oh, there ain't no spring whatever like the springtime in the woods!

You kin have your city springtime, when the band begins to play

An' the parks is gittin' greener while your hair is gittin' gray;

You kin have your city springtime, with its mud an' soot an' noise.

For up here on the river spring is here with all its joys.

For there ain't no bands make music like the robin's throaty trill;

There ain't no park or grasses like the grasses on the hill.

The party in the city has more gold, perhaps, an' goods—

But the world belongs, in springtime, to the feller in the woods.

—Lumberman.

NEWS NOTES.

BALA, PA.—H. J. Muller is adding one house, 25x175 feet, to his range.

SEYMOUR, CONN.—One 60-foot house is being added to the range of T. J. Mooney.

ELBERON, N. J.—The summer home of Daniel Guggenheim was destroyed by fire April 5.

UTICA, N. Y.—Bessie Stuart Campbell has opened The Rose Shop at 814 Charlotte street.

ITHACA, N. Y.—The range of the Bool Floral Co. will be considerably enlarged during the summer.

CLAYTON, Mo.—Werner Bros. will increase the size of their five rose houses, making them each 35x300 feet.

COUNCIL BLUFFS, IA.—J. F. Wilcox & Sons are advertising liberally a sale of roses at 65 cents per dozen.

MADISON, WIS.—A new Moninger house, 25x100 feet, is being erected by G. W. Smith, 2023 Sherman avenue.

HUTCHINSON, KAN.—The Underwood Greenhouse Co. will add several houses to its range and make other improvements.

RICHMOND HILL, N. Y.—The Richmond Hill Florist's Shop has opened near the Garden theater on Jamaica avenue.

LEXINGTON, KY.—Chas. P. Keller will erect a range of 20,000 feet of glass this spring in connection with his retail store.

WEST HARTFORD, CONN.—Max Schwerdtfeger, veteran florist, of Albany avenue, died April 2, after a brief illness, aged 70 years.

CINCINNATI, O.—Edward A. Foster has taken over the business of A. Sunderbruch's Sons and will locate at 123 West Fourth street.

MONTREAL, QUE.—Wm. Hay, proprietor of the Canadian Floral Co., has retired from business, his interest being purchased by L. H. Goulet.

ATLANTIC CITY, N. J.—John R. Shein, one of the best known florists of this city, and formerly in business in Philadelphia, died here March 31.

NASHVILLE, TENN.—The Joy Floral Co.'s premises were uninjured by the recent disastrous fire in this city, although they were within a few blocks of it.

AUBURN, N. Y.—Harry H. Ramsey has disposed of his range at 84 Lake avenue to Fred J. Stupp, and will enter the firm of Ramsey & Son, seedsmen.

PORTLAND, ME.—Miss Bertha Lougee has opened an up-to-date flower shop at 647 Congress street, the store having been completely remodeled for the purpose.

OAKLAND, CALIF.—W. I. McDonald, well known to the trade here, has opened a very attractive flower shop opposite the post office, one of the best locations in the city.

TOPEKA, KAN.—The Federation of Women and the Topeka Daily Capital will award prizes for the best gardens in the city beautiful campaign which has been inaugurated.

WARWICK, R. I.—The Maplehurst Greenhouses, Inc., have acquired 82 acres, formerly the property of the Longmeadow golf club, and will extend its gardening interests.

NEWARK, N. J.—An involuntary bankruptcy petition has been filed against H. C. Strobell & Co., florists, with a retail store on Broad street and greenhouses on Elizabeth avenue.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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MOTHER'S DAY is the second Sunday in May, which falls on the 14th this year.

MOTHERS' DAY in Texas will be observed, May 7, by proclamation of Governor Ferguson.

THE great spring exhibition of the Royal Horticultural Society of England will be held in the Royal Hospital Gardens, Chelsea, May 23-25.

THE large attendance, the liberal daily newspaper publicity and the generous booking of orders were features of the recent Philadelphia and New York spring shows, which have never been equaled and the result must be a great stimulus to all branches of the horticultural trade in those localities this spring.

Pansies Unusually Early.

Carl Cropp, of Vaughan's Seed Store, Chicago, says the new early-flowering strain of Giant pansy, which his firm has been offering the past year or two, is now in full bloom, while there is not a sign of color on any of the other numerous types grown at this concern's plant department.

Women's National Agri. and Hort. Ass'n.

The conference of the middle west members of the Women's National Agricultural and Horticultural Association, held at the Art Institute, Chicago, April 12-14, was well attended, and the interesting programme of papers and discussions was thoroughly appreciated by all present. The opening session Wednesday morning was in charge of the Garden Club of Illinois, the speakers being Mrs. Walter S. Brewster, Lake Forest, Ill., whose subject was "Amateur Development of a Country Place, with illustrations of its problems and their solution, and Mrs. Chas. W. Hubbard, Winnetka, Ill., who spoke on "The Amateur Vegetable Garden," relating her personal experience. The afternoon session, under the general topic of "Commercial Horticulture for Women," brought forth a number of interesting papers, among them being "Flower Growing for Profit," by Mrs. H. A. Boardman, St. Paul, Minn.; "Truck Gardening for Profit," by Charlotte W. Passmore, Hopkins, Minn., and "Pecan Culture as an Occupation and Investment," by Dr. Effie Lobdell, Chicago. At the evening session, following the reading of greetings from Mrs. Francis King, president of the association, Miss Elizabeth Leighton Lee, director of the School of Horticulture for Women, Ambler, Pa., spoke of "Outdoor Professions and Occupations for Women," followed by an animated discussion and five-minute talks.

Thursday morning's session was given over to the general topic, "Marketing Garden Produce in Chicago," the subject being handled from both the consumers' and the producers' standpoint, by Mrs. C. Franklin Leavitt and August Geweke, respectively. The afternoon session was devoted to woman's work on farms, more particularly in matters pertaining to the dairy.

The closing session Friday afternoon was one of especial interest, and the general topic, "Community Interest in Gardening," was handled in a comprehensive manner by a number of speakers of wide experience. Edward J. Tobin, superintendent of Cook county schools, speaking on "School and Home Projects," told of the splendid progress being made by the schools under his supervision in interesting pupils in the home garden project, between four and five thousand children in the county being engaged in the work, which is part of the regular course of study in the schools. Chas. F. Millpaugh, curator of Field museum, had been asked to address the meeting on the subject, "A City Arboretum for Chicago," but amended his topic and spoke of the possibilities offered to Chicago for something more than an arboretum in the new outer belt park. He urged that part of this section be held as a forest reserve, where natural plantings of trees and shrubs would in time give to the city a forest park of exceptional beauty and interest. Miss Alice M. Houston, of the Drama Art League of America, told of plans being carried forward to commemorate the three hundredth anniversary of the birth of Shakespeare, in the planting in parks and school gardens 33 varieties of the flowers mentioned in Shakespearean plays. Mrs. Chas. W. Jack, Chicago, told of successful flower shows and plant markets in the suburban communities of Chicago, and was listened to with much interest.

At the business meeting held Friday morning, the matter of organization and the election of officers was deferred until the next meeting, which will be held in St. Louis in May.

College Florists.

Resolved, That the members of the S. A. F. and O. H., interested in the line of floricultural education and research, be recognized as a section of the S. A. F. and O. H. under the title of the College Florists' Section of the S. A. F. and O. H.

The above resolution was passed by the board of directors of the S. A. F. at their meeting in Philadelphia, March 29.

At the call of Prof. A. H. Nehrling of Massachusetts, H. B. Dornier of Illinois, E. A. White and A. C. Beal of New York, B. W. Ansporn of Maryland, E. I. Wilde of Pennsylvania, A. H. Nehrling and A. S. Thurston of Massachusetts, together with W. N. Rudd and Richard Vincent, Jr., gathered at an informal meeting and dinner which was held at the Hotel Walton, March 28. At this meeting various problems connected with teaching and experimental work were discussed. Among some of the things which were talked over were: How to establish a closer relationship of the commercial men with the colleges; how the colleges might cooperate with the commercial man; the best methods to use to give students a practical training in floriculture; the education of the public to a greater appreciation of flowers, and the placing of students during vacations in order that they might get actual experience along practical lines. Many valuable suggestions on these and other subjects were offered by Messrs. Rudd and Vincent. As a result of this informal meeting it was felt that there was need of an organization, which not only would be of mutual benefit to its members, but could cooperate with the S. A. F.

A. S. T.

Seed Warehouse Built on Gold Foundation.

In sinking pits to bedrock to secure a firm foundation for the new seed warehouse of the State Nursery Co., Inc., Helena, Mont., J. K. Smith, the contractor in charge, located a gravel bar 18 feet thick and rich in gold, immediately above the rock formation. Some fair-sized nuggets have already been taken out, and kernels of gold like so much wheat were found when the gravel was panned. The earth is being carefully piled up and when the excavating work is completed the gravel will be sluiced and, if it all pans as well as that taken out at first, the contractor will clean up a fair sized stake.

Sweet Pea Show at San Francisco.

We are in receipt of the premium list for the sweet pea show to be held under the auspices of the American Sweet Pea Society, at the Palace hotel, San Francisco, Calif., June 9-10. Copies of the schedule may be had on application to Frank G. Cuthbertson, 740 Front street, San Francisco, Calif., who is secretary for this exhibition.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv. For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By assistant inside man, private place, 12 years experience, good references. Key 616 care American Florist.

Situation Wanted—Well educated young lady wants an apprenticeship, with room and board, with florist, where she can learn designing.

M. CARTMILL,
1327 Clark St., Stevens Point, Wis.

Situation Wanted—All around man. Experience in both private and commercial place. Single. Can come well recommended. Ready to start at once.

JOHN FLEY, care American Florist.

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—garden, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Helpers wanted in rosehouses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON,
833 E. North St., Morris, Ill.

Help Wanted—At once. A good all around grower of roses, carnations and general greenhouse stock. State wages expected in first letter. Good, steady position for the right man.

EDWARD TATRO,
407 E. Iron Ave., Salina, Kans.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address

Key 623, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.

J. C. PAUL,
South Holland, Ill. R. 1, Box 36.

For Sale—Old established florist business: three greenhouses attached; \$2500. Nothing for good will—stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount. Near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Dissolution of Partnership

Henshaw & Fenrich, 51 West 28th Street, New York, will mutually and amicably dissolve partnership on April 29. Mr. Henshaw will from that date operate the Henshaw Floral Co., Inc., at 127 West 28th St., and Mr. Fenrich will do business under his own name at 51 West 28th St.

A. M. HENSHAW. JOS. S. FENRICH.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Help Wanted

An experienced truck gardener and greenhouse man, single, good worker, must furnish best of references. Salary \$50, board and room. Address at once.

E. G. PATTERSON, Bismarck, No. Dak.

HELP WANTED

Having dissolved the partnership of Bloy & Streit to take effect June 1st, I will be in need of an up-to-date grower of pot plants; must thoroughly understand the forcing of all holiday stock, bedding plants, etc., for a general retail business, to assume full charge of the growing end and be responsible for results. To one who can fill the bill and is a good hustler, there is a bright future. Wages \$25.00 per week. Don't answer unless you can produce the goods; references required. All answers confidential.

M. BLOY,

880 Van Dyke Ave., Detroit, Mich.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper: your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Opportunity Knocks But Once.

26 acres rich black level soil, located 25 miles south of Chicago. Especially suited for truck gardens and large greenhouse where excellent facilities for side tracks are required for the handling of coal, fertilizer, etc. As an individual I am in position to offer this at an exceptional bargain.

F. C. ECKMANN, Joliet, Ill.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Delivery Wagon For Sale at a Bargain



Formerly used by the Fleischman Floral Co., and later by the Washington Shirt Co., who have just added automobiles to their delivery service. Wagon has rubber tires and is one of the classiest in use in Chicago today. \$250 cash takes the whole outfit, including a fine new double set of harness valued at about \$250. Call or address Mr. Rossbach, care

WASHINGTON SHIRT CO., Jackson and Dearborn Streets,

Chicago, Ill.

Detroit.

LENTEN TRADE BREAKS RECORD.

The Lenten season just coming to a close will long be remembered by the local florists as having suffered less from business inactivity than any similar season heretofore. Some social functions were eliminated, but in their stead was an unprecedented call for flowers for many different occasions and the list of unfortunate sick was a large contribution. Funeral work, too, was perhaps never before so large and continuous throughout the winter and up to the present time. Bulbous stock, particularly in plants, was so much in demand that many see indications of a scarcity of these for Easter, for though more were planted than ever before, some large growers were unfortunate in having received stock that apparently suffered in transit to such an extent that when forced they produced only foliage and no blooms. All are now busily engaged in extensive preparations for what is believed will be the greatest Easter trade ever experienced. To that end the markets of Toledo, Cleveland and Mentor, O., have been reached as well as Chicago for stock that is not available here. Little fear is entertained by the retailers of their ability to get a full supply of everything in cut flowers, except possibly sweet peas, and the latest reports indicate a good crop of these, which, with the violets that are promised, removes much apprehension about the corsage branch of the trade, which will certainly be heavy. All the local plant growers are completely sold out and many belated orders could not be accepted. And now the retailers' trials begin and all will be glad when the eventful week will have ended.

CLUB MEETING.

The club meeting April 11 was fairly well attended and was honored by the presence of the sweet pea specialist, Anton C. Zvolanek, of Lompoc, Calif. Some of the growers present were so incensed by the scarcity recently of news notes in the trade papers covering the local trade that a general discussion followed that absorbed nearly the whole of the evening and resulted in a resolution strongly urging the local representatives of the respective trade papers to be in the future more generous in their notes covering this district. The great flower show at Philadelphia, which all were eager to hear a report of from those present at the meeting who attended the show, was passed over in silence, while the bowling interests claimed the members' attention till a late hour. J. F. S.

Connecticut Horticultural Society.

This society held its regular meeting April 14, and sprung a surprise on its members by displaying a collection of pansies consisting of about 18 varieties, grown and exhibited by Charles T. Beasley & Co., of East Milton, Mass. The specimens were beauties and were a rare sight indeed at this time of year. The exhibit was awarded a first-class certificate. H. R. Hurd, of the C. M. Beach estate, West Hartford, exhibited three vases of stocks of fine growth, both as to stem and size of blooms. The seed from which they were raised was procured in the Garden of Gethsemane, Jerusalem. The seed was secured from A. D. Khadder, dragoman for Thomas Cook & Son. This exhibit also was awarded a first-class certificate. President Hollister appointed Niel Nelson, George T. Whitten and Fred Boss judges.

Through the use of the question box, a discussion arose as to the best time to prune grape vines and the results of pruning too late in the season. A member said that continually pruning

Miscellaneous Stock For Florists

Asparagus Sprengeri, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Begonias, *Gracilis Luminosa*, Prima Donna, \$2.50 per 100; *Argenteo Gut-tata*, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00 per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00 per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Petunia, Giant Ruffled, and Rosy Morn, 2 1/4 in. pots, \$2.50 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Fern, Teddy Jr., 2 1/4 in. pots, \$5.00 per 100, \$45.00 per 1000.
Kentia Belmoreana, 2 1/2 in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

late in the season resulted in small fruit, and finally the death of the vine. Professor George T. Whitten, of the Watkinson Farm School, said that very good results were obtained at the school by partial pruning in the fall just before freezing, and then again in the early spring—February or March. This method seemed to meet the approval of the veteran gardeners.

Fred Boss, head gardener at Elizabeth park, gave a demonstration of pruning shrubs, accompanied by a most instructive talk of the various operations. He was followed by President Hollister, who showed the old and the new style of grafting and budding, giving a practical demonstration of the processes. John F. Huss, superintendent for Mrs. James J. Goodwin, exhibited small trees of hemlock, white pine and Japanese pine, variegated. These were grafted a year ago last February, and were fine specimens. He gave an account of his visit to the National Flower Show at Philadelphia and the spring flower show at New York. Mr. Huss was one of the judges at both of these events.

This meeting was well attended and five new members were added to the society's roster. Our next meeting will be held April 28, the subject to be announced later.

ALFRED DIXON, Sec'y.

Rochester, N. Y.

TRADE WELL PREPARED FOR EASTER.

Business during the past week has been rather quiet, as is usually the case just previous to Easter. There has also been a falling off in funeral work. Roses are of good quality, especially *Ophelia*, Maryland, Ward, Russell and White Killarney. Carnations are very fine and of large size. White Wonder and White Perfection lead, but Enchantress Supreme and Benora are also excellent. Orchid sweet peas are selling well and are of splendid quality, while prices are very reasonable. Lily of the valley is fair, but is not in great demand, Easter lilies and callas are plentiful. The violets are deteriorating due to the lateness of the season. Plants are seen in abundant supply and the trade all anticipate a heavy Easter demand.

NOTES.

Edwin C. Kaelber had an attractive window display consisting of a fountain filled with daffodils and yellow marguerites arranged with long sprays of asparagus. Small baskets filled with daffodils and yellow daisies were arranged in the foreground and added to the pleasing effect.

Horace J. Head, who has been ill with blood poisoning for the past two months, is still in the Rochester General hospital, but is convalescing and will soon be out again. He will go to Hilton, N. Y., for a time to build up his health.

A garden club has been formed in this city and a systematic study of the garden in all its phases has been taken

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine.....12.50 per 1000
Asparagus Plumosus.....25.00 per 1000
Petunia, 3 inch.....35.00 per 1000
Salvia Bonfire, 3 inch.....35.00 per 1000
Buddleia Magnifica.....5.00 per 100
Buddleia Asiatica.....5.00 per 100

ALBERT M. HERR, LANCASTER, PA

Robert Craig Co..

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt , 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant , 2 in.....	2.00	18.00
Daisy Mrs. F. Sander , 2 in.....	2.00	18.00
Vinca Variegata , 4 in.....	8.00	75.00
Rex Begonias , 3 in.....doz., \$1.00; 100, \$8.00		

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Ipomoea Noctiflora

(MOONVINES)

2 1/2 in. pots.....\$5.00 per 100
 3 in. pots.....8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

up. It will prove very interesting and helpful to all the members.

Colin T. Ogston made a business trip to Buffalo recently and called on a number of the trade in that city.

The monthly meeting of the florists' club was held April 10.

E. C. Armbrust has entered the employ of H. E. Wilson. CHESTER.

Lenox Horticultural Society.

There was a good attendance at the monthly meeting of the above society which was held April 12. This was "carnation night", and there was an excellent display of fine blooms. E. Jenkins was given an award of merit for a display of Spencer sweet peas. The society agreed to give all possible support to the summer show to be held at Pelham Bay Park in June. A good discussion followed the reading of a paper entitled, "Estate Management and the College Graduate." The next meeting of the society will be held, May 10.

J. H. FRAMPTON, Asst. Sec'y.

1000 Cases of Rose Bushes, Rhododendrons, Boxwoods, Evergreens, Bulbs, Etc.

Two Mammoth Auction Sales
At Eleven O'Clock A. M., each Tuesday and Friday.

Goods offered in lots to suit the small and large buyer. SEND FOR CATALOGUE.

The Largest Horticultural Auction Rooms in the World.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in.	\$ 40.00
" 12-14 in...	15.00	" 18-20 in..	60.00
" 14-16 in...	20.00	" 20-22 in..	80.00
" 15-17 in...	30.00	" 22-25 in..	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRIST, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

Westchester and Fairfield Hort. Society.

The monthly meeting of the above society, which was held in Hubbard hall, Greenwich, Conn., April 14, was an important and interesting event, and a large number of members were present. President W. J. Sealy was in the chair. A feature was the excellent display on the exhibition tables, which while not large was of exceptional quality. The awards were as follows: James Foster, cultural certificate for vase of American Beauty roses; James Stuart, cultural certificate for vase of Ophelia roses; P. W. Popp, certificate of merit for collection of tulips, many of the newer sorts being included in the display; James Linane, honorable mention for Carnation Alma Ward; Robert Grunnert, honorable mention for Carnation Matchless. A discussion of the exhibits brought out many helpful points.

Two new members were admitted and several proposals for membership were received and filed. Harry Turner, of the Morris Nursery Co., was a visitor and addressed the meeting briefly. A committee was appointed to arrange for the summer show to be held in Mamaroneck, N. Y., in June, the dates to be announced later. We anticipate one of the society's best exhibitions. An attractive schedule is in preparation. The dates of the fall show to be held in Greenwich were announced, and will be October 31-November 1. The premium list will consist of valuable prizes of cash, cut glass and silverware. The schedule will be arranged to give everybody a chance to compete, either on a large or small scale. A discussion of the recent exhibitions, held in Philadelphia and New York, brought out some interesting observations. Next meeting, May 12. P. W. POPP, Cor. Sec'y.

LATEST EDITION

ISSUED JULY 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

POEHLMAN

72-74 E. Randolph St.,

WE CONTINUE TO HAVE
A VERY LARGE SUPPLY OF ROSES

Including American Beauties and Mrs. Chas. Russell
CATTLEYS-VALLEY-SWEET PEAS-LILIES
We are headquarters for supplying Roses for all occasions and Special Week End Sales.

PRICE LIST—In effect April 24—Prices Subject to Change Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100.....	\$4.00 6.00 to \$8.00

	Per 100
Hoosier Beauty	Long ..\$8.00 to \$10.00
Richmond	
Ophelia	Medium. 5.00 to 6.00
Sunburst	
Milady	Short .. 2.00 to 4.00
Killarney Brilliant	

	Per 100
Aaron Ward	Long ..\$8.00
Killarney	
White Killarney	Medium..\$4.00 to 6.00
	Short ... 2.00 to 3.00

AMERICAN BEAUTIES	Per Doz.
Long	\$5.00
36-in.	4.00
30-in.	3.00
24-in.	2.00
18 to 20-in.....	1.50
Short.....	per 100, \$6.00 to 8.00

MINIATURE ROSES	Per 100
Cecile Brunner	\$3.00
Geo. Elgar	3.00
Fire Flame	4.00

CARNATIONS	Per 100
Best Fancy, all colors.....	\$4.00
Splits, Red and Dark Pink.....	2.00

LILY OF THE VALLEY	Per 100
.....	\$3.00, \$4.00, \$5.00

EASTER LILIES	Per 100
Long	\$12.00
Medium	10.00
Short	8.00

ORCHIDS	Market Price	Per Doz.
Cattleyas		\$6.00 to \$7.50

MISCELLANEOUS	Per 100
Jonquils and Daffodils.....	\$3.00 to \$4.00
Tulips	3.00 to 4.00
Sweet Peas, Common.....	.75
" Spencer	1.00 to 1.50
" Orchid flowering	1.50 to 2.00
Snapdragon,	per doz., \$0.75 to \$1.50
Mignonette	per doz., \$0.50 to \$1.00
Daisies	1.00 to 2.00
Smilax	doz, \$3.00
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown.....	1.50
Leucothoe	1.00, .20
Mexican Ivy.....	1,000, \$6.00; 100, .75
Ferns	1,000, 3.50; 100, .40
Boxwood	bunch, 25c; case, 8.00
Wild Smilax.....	per case, 6.00

SUPPLY DEPARTMENT

Hughes' Mothers' Day Box

Constructed on original lines and designed especially for Mothers' Day. 24 inches long, 5 inches wide, 3 3/4 inches deep. Can be used for \$1.00, \$2.00, \$3.00 or \$5.00 orders. Suitable for any day in the year when sending flowers to Mother on her Wedding Anniversary, Birthday, etc.

Outside cover: An illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolent quotation in decorative printing, combined in unsurpassed artistic effect.

Price, \$4 per package of 10; \$35 per 100.
Don't Wait—Order Now.

Glass Cemetery Vases

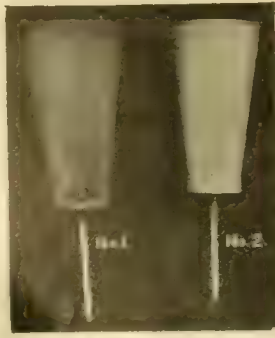
10-inch, per dozen.....	\$1.50; per bbl., 5 dozen.....	\$7.00
12-inch, per dozen.....	2.00; per bbl., 5 dozen.....	9.00
16-inch, per dozen.....	3.50; per bbl., 2 dozen.....	7.00

White and Green Enamel Vases

No. 1—Height, 6 3/4, diam., 4 1/4; each.....	20c; dozen.....	\$2.00
No. 2—Height, 6 1/4, diam., 3 1/2; each.....	15c; dozen.....	1.60

Sheet Moss, fine fresh material, per bag, \$2.00

Short Cycas Leaves, \$1.25 per 100



N B ROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high...	\$ 4.50
4 inch pots 5-6 16-18 inch high...	Each .40
6 inch pots 6-7 24 inch high...	1.00
6 inch pots 6-7 28-30 inch high...	1.50
6 inch pots 6-7 32-34 inch high...	2.00
8 inch tubs 6-7 36-38 inch high...	3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high...	\$ 4.50
4 inch pots 5-6 18-20 in. high. ea.	.40

Leaves	Each
6 inch pots 6 28-30 inch high...	1.00
6 inch pots 6-7 34-36 inch high...	1.50
8 inch tubs 6-7 5 feet high...	6.00
10 inch tubs 6-7 5½ feet high...	8.00
10 inch tubs 6-7 5½-6 feet high...	10.00

FOSTERIANA MADE-UP PLANTS

Plants	Each
7 inch tubs 3 36 inch high...	\$ 2.50
8 inch tubs 4 38-42 inch high...	3.50
8 inch tubs 4 48-50 inch high...	5.00
8 inch tubs 4 52-54 inch high...	6.00
10 inch tubs 4 5 feet high...	8.00
12 inch tubs 4 60-64 inch high...	10.00
12 inch tubs 4 5½ feet high...	12.00
12 inch tubs 4 5½-6 feet high...	15.00
15 inch tubs 4 6-6½ feet high...	\$18@20

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.,	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana, \$6.00 per 100.	Each
6 inch pots Dracaena Baptistii	\$1.25
6 inch pots Dracaena Massangeana	1.50
..... \$1.00 to \$1.25; 7 in.,	1.50

ARECA LUTESCENS

6 inch pots, 4 plants	\$1.00
8 inch tubs, 5 plants, 44-46 in. high	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½ INCH GRAFTED AND OWN ROOT ROSE PLANTS

	1000	Per	Rose	1000	1000
Russell	\$120.00	None			
Killarney	100.00	\$56.70			
White Killarney	100.00	56.70			
Killarney Brilliant	100.00	56.70			
Ward	100.00	56.70			
Milady	\$100.00	\$56.70			
Ophelia	100.00				
Richmond	100.00	56.70			
Cecile Brunner	\$100.00	\$56.70			
Elgar (Special Only)	100.00				
Francis Scott Key	110.00	63.00			
Old Gold	100.00	56.70			
Lady Alice Stanley	120.00	73.50			

SPRING BEDDING PLANTS

	100	1000		100	1000
Alternantheras, red and yellow and Brilliantissima	2½ in. \$2.50	20.00	Marguerites, Yellow and Mrs. F. Sanders	3 in. 5.00	1000
Alyssum, Sweet	2½ in. 2.50	20.00	Marigold, Double	3 in. 10.00	
Ageratum, Blue Dwarf	2½ in. 2.50			4 in. 5.00	
" " " "	4 in. 8.00		Pansies, best German strain, in bloom	2½ in. 2.50	25.00
Begonia Luminosa and Vernon, for bedding	2½ in. 2.50		If wanted in baskets, an additional price will be charged to cover cost of same.		
" " " "	3 in. 5.00		Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery	2½ in. 3.00	
Cobaea Scandens	4 in. 8.00		Plox Drummondii, all colors	2½ in. 2.50	23.00
Caladiums, fancy leaved (summer delivery)	50c to \$1.50 each	23.00	" " " "	3 in. 5.00	
Dusty Miller, for border	2½ in. 2.50		Petunia, single fringed, all colors	3 in. 5.00	45.00
Dracaena Indivisa, strong	3 in. 7.00		" " " "	4 in. 8.00	
" " " "	4 in. 12.00		Recinus (Castor Oil Beans), red foliage, strong	4 in. 12.00	
" " " "	5 in. 20.00		Salvia Bonfire and Zurich, from cuttings	2½ in. 2.50	
Geraniums, the best and most popular bedding varieties, pots, in bloom	4 in. 8.00	80.00	" " " "	3 in. 5.00	
Rose Geraniums, strong	3 in. 5.00		" " " "	4 in. 8.00	
Mad. Salleri Geraniums	2½ in. 3.00		Smilax, strong new stock	2½ in. 2.50	23.00
Heliotropes	3 in. 5.00		" " " "	3 in. 6.00	50.00
" " " "	4 in. 10.00		Torenia Fournieri Blue	2½ in. pots 2.50	
English Ivy	2½ in. 3.00		" " " "	3 in. 5.00	
English Ivy, strong	5 in. 15.00		Vinca Rosea and Alba	2½ in. 2.50	
German or Parlor Ivy	2½ in. 2.50	\$20.00 to \$35.00	Vinca Minor (Hardy Grave Myrtle)	3 in. 6.00	
Lobelias, for bedding and hanging baskets	3 in. 5.00		Vinca, variegated and green, for boxes and vases	2½ in. 2.50	23.00
Loebias Speciosa, Crystal Palace and Bedding Queen	2½ in. 2.50	22.00	Verbenas, all colors	2½ in. 2.50	23.00
Marguerites, Yellow and Mrs. F. Sanders	2½ in. 3.00		Wandering Jew, Zebra and White Variegated, for hanging baskets	2½ in. pots 2.50	

CHRYSANTEMUMS

PINK—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
McNiece	\$2.50 \$22.00 \$2.75 \$27.00
Enguehard	2.50 22.00 2.75 27.00
Maud Dean	2.50 22.00 2.75 27.00
R. E. Loeben	2.50 22.00 2.75 27.00
Patty	2.50 22.00 2.75 27.00
Wells Late Pink	2.50 22.00 2.75 27.00
Chieftain	2.50 22.00 2.75 27.00

WHITE—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
October Frost	\$2.50 \$18.00 \$2.75 \$25.00
Vlr. Poehlmann	2.50 18.00 2.75 27.00
Chas. Razer	2.50 18.00 2.75 25.00
Elise Papworth	2.50 18.00 2.75 25.00
W. H. Chadwick	2.50 18.00 2.75 25.00
Timothy Eaton	2.50 18.00 2.75 25.00
Lynwood Hall	2.50 18.00 2.75 25.00
Smith's Ideal	2.00 18.00 2.75 25.00
Alice Salomon	2.00 18.00 2.75 25.00
White Chadwick	4.00 38.00 5.00 48.00

BRONZE—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
O. H. Kahn	2.00 18.00 2.75 25.00
RED—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
Schrimpton	2.00 18.00 2.75 25.00

CHRYSANTEMUMS

YELLOW—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
Golden Glow	\$2.00 \$18.00 \$2.75 \$25.00
Chrysolora	2.00 18.00 2.75 25.00
Bonnafton	2.00 18.00 2.75 25.00
Yellow Eaton	2.00 18.00 2.75 25.00
Yellow Salomon	2.00 18.00 2.75 25.00
Golden Chadwick	2.00 18.00 2.75 25.00

POMPONS

WHITE—	2½-in. plants
	100 1000
Kemmitt (medium double)	\$3.50 \$32.00
YELLOW—	2½-in. plants
	100 1000
Krut (large early)	\$3.50 \$32.00
Mike Gabel (large)	3.50 32.00
Skibo (early bronze & yel. button)	3.50 32.00
Big Baby (button)	3.50 32.00
Madge (large)	3.50 32.00
Klondyke (large)	3.50 32.00
Quinola (bright late yellow)	3.50 32.00
Baby (small button)	3.50 32.00

PINK—	2½-in. plants
	100 1000
Lillian Doty	\$3.50 \$32.00
Queen Marie	3.50 32.00

POMPONS

BRONZE—	2½-in. plants
	100 1000
Madam La Porte	\$3.50 \$32.00
Mrs. Frank Beu	3.50 32.00
RED—	2½-in. plants
	100 1000
La Gravere	\$3.50 \$32.00

BOXWOODS

	Each
12-in. in burlap, 35c; in tubs or pots	\$0.55
15-in. in burlap, 50c; in tubs or pots	.75
18-in. in burlap, 60c; in tubs or pots	.85
20-in. in burlap, 75c; in tubs or pots	1.00
2½-feet in burlap	\$1.75; in tubs \$2.00
3-feet in burlap	2.50; in tubs 3.00
3½-feet in burlap	3.00; in tubs 3.50
4-feet in burlap	3.25; in tubs 4.50
4½-feet in burlap	4.00; in tubs 5.00
12x12 in tubs	\$2.00; in burlap \$1.50
15x15 in tubs	2.50; in burlap 1.75

Stevia—Fine 2½-in., \$20.00 per 1000.	
New Pink Snapdragon, 2½-in., \$6 per 100.	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.	
Table Ferns, 3-in., \$5.00 per 100.	

BEAUTIES, ROSES, SWEET PEAS, LILIES, CARNATIONS, Also Fancy RUSSELL ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of
Russell, Ophelia, Killarney Brilliant, Pink Killarney, White Killarney, Rhea Reid, Richmond and Sunburst.

PRICE LIST

In Effect April 24th.

American Beauties		Per doz.	Mrs. Russell		Per 100
Extra long stem, specials.....		\$5.00	Extra long stem	\$12.00 to \$15.00	
Medium	\$2.00 to	4.00	Good medium	8.00 to	10.00
Shorter lengths.....	.75 to	1.50	Good short	4.00 to	6.00
Brilliant, Sunburst, Ophelia, Richmond and Rhea Reid		Per 100	Pink and White Killarney		Per 100
Extra long stem	\$8.00 to	\$10.00	Extra long.....	\$8.00	
Good medium	6.00 to	7.00	Good medium	6.00	
Good short	3.00 to	4.00	Good short	\$3.00 to	4.00

ROSES, our selection, in lots of 200 or more, at the rate of \$3.00 per 100.

ROSES, our selection, 1000 for \$25.00.

CARNATIONS

Red, extra fancy **Belle Washburn**, \$4.00 per 100; Pink and White, extra fancy, \$3.00 to \$4.00 per 100.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

EASTER DEMAND VERY GOOD.

Stock is more plentiful at this writing, especially roses and lilies, but it would not be at all surprising if everything cleaned up completely before the week is over. Trade, the opening of the week was nothing to speak of and there was hardly any demand for Palm Sunday which in former years cut quite a figure in this market. The warm weather has brought in large supplies of stock and some of the dealers are rather inclined to believe that there will be more than enough to go around but when one studies the market real closely he will not be so quick to agree with them and even would predict a shortage before the stores close Sunday noon. Carnations are more plentiful than anyone thought they would be for Easter, but clean up at an early hour each day at good prices. Roses are in good supply, especially Killarney and White Killarney. Mrs. Chas. Russell are seen in large numbers at many of the stores but good American Beauty roses are on the short side and command high prices. Lilies are very plentiful and are selling in large lots at reasonable prices but real first class stock does not appear to be in any great supply but there is more than enough short and medium stemmed grades offered. Violets have seen their best days and what little stock is arriving this late in the season is moving at satisfactory prices. Orchids are clearing each day at good prices and the same holds good for gardenias and lily of the valley. Some especially fine sweet peas are to be had and are in good demand, especially the better grades of the orchid flowering varieties. Gladioli are more plentiful and a large supply of Spanish Iris is now included in the shipments. Snapdragons, baby snap-

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Eleventh Hour Easter Orders

will be given prompt attention, so if you run short, just telegraph us, and we will show you how nicely we can get out such orders in double quick time.

Fancy Ferns, \$3.50 per 1000

Just what you need for your best trade. Carefully selected and the best obtainable in this market.

Chicago's Largest Dealers in Decorative Greens

Mention the American Florist when writing

dragons, calendulas, single and double stocks, daisies, lupines, forget-me-nots, pansies, candytuft, straw flowers, lilac, anemones, mignonette, tulips, hyacinths, daffodils, jonquils, sweet alysum and swainsona are to be had

and are in good demand. Ferns have advanced in some of the stores to \$3.50 and \$4.00 per 1,000. Green goods at times are scarce, then again they are plentiful but the market the past week seemed to be pretty well cleaned

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY CUTS

RUSSELL AND OPHELIA ROSES

Also Fancy Lilies, Sweet Peas, Valley, Violets and Complete Line of Greens.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$6.00
48-inch stems	5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short	\$0.75 to 1.00

Richmond
Killarney
White Killarney
My Maryland... ..
Sunburst
Ophelia
Milady

	Per 100
Extra select	\$10.00
Select	8.00
Medium	\$5.00 to 6.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00 to \$4.00
Select	2.50
Medium	1.50 to 2.00
Short .....	.75 to 1.00

Per 100
ROSES, our selection.....\$4.00

Carnations, fancy	\$5.00
Select	4.00
Harrisii	\$12.50 to 15.00
Valley	4.00 to 5.00
Violets .....	.75 to 1.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000 .....	.35

2,000,000 Feet of Modern Glass

Z E C H M A N N

Better Than Ever

ORCHID FLOWERING SWEET PEAS

Large supply of exceptionally fine stock grown by the leading Sweet Pea Specialist in this section of the country and considered by the city buyers as the best in the market. Get in touch with us today in regard to your Easter supply.

FANCY RUSSELL ROSES

Very choice stock in all the desired grades. Superior in every way to American Beauties—Have them in quantity, so order here.

ROSES===CARNATIONS===VALLEY===LILIES===GREENS

Supreme Quality Stock is what you get when you buy here, and for the same prices that you pay if you order elsewhere.



Our Line Is So Complete That It Includes Every Item Offered In The Great Chicago Market.



30 E. Randolph St., L. D. Phones
Central 3283
Automatic, 42-965 Chicago

up at all times in this line. Wild smilax is rather scarce but will probably be more plentiful toward the end of the week. Plants of all kinds have cleaned up nicely but there are still a large number of pot lilies around and these can be had at very reasonable prices. There were more lilies than ever this Easter but it is safe to say there will not be many left after Sunday. The supply houses have had an unusually good Easter business and report a heavy demand for both cut flowers and plant baskets. Moss green crepe paper is none too plentiful and is selling at

high prices. Spireas in bloom are scarce.

NOTES.

The George Wittbold Co. has a splendid showing of plants at its retail establishment for Easter and everything points to the best trade in years. Fred Nelson, who has charge of the retail department, says that funeral orders have been unusually plentiful the past month and covered a wide territory. The new Wittbold flats and store will be a beauty spot on Buckingham place when completed, and will be ready for occupancy in the fall.

A. F. Keenan is doing a nice business at both of his stores on East Sixty-third street and reports that trade in his garden seed department was quite lively the past week. He bought a large number of Japanese fern balls this season and says that they sell like hot cakes at 50 cents retail.

Chas. A. Johnson has sold his store at 3205 West Fullerton avenue to E. Hughes, a nephew of Horace Hughes, the West Van Buren street florist, and will devote his entire time to the manufacture of florists' baskets.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

BEAUTIES--ROSES--CARNATIONS

Our Range of Greenhouses is One of the Three Largest in America and will be in Full Crop for Easter.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00

White--KILLARNEY--Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$ 8.00
Selects	7.00
Fancy	6.00
Good	\$4.00 to 5.00

ROSES, OUR SELECTION 4.00

CARNATIONS.

	Per 100
Extra Special	\$3.00
Good	2.00

LILIES.

	Per 100
Fancy	\$12.50 to \$15.00

Miscellaneous.

Ferns, per 1,000.....	\$3.00
Smilax, per doz.....	2.50
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch..	.50

Other Green Goods Market Rates.

The case against J. H. Prost, city forester, was dismissed by the city civil service commission, April 15. After hearing testimony from several witnesses, one of whom committed suicide after testifying against Mr. Prost, the merit board ordered his reinstatement. The charges, filed by Alderman Eugene Block, chairman of the special park commission, alleged that he had connived at petty grafting in the conduct of the Gage municipal farm. Members of the civil service commission privately expressed the opinion that employees at the farm might be at fault. There was no evidence to show that the city forester sanctioned the irregularities.

Percy Jones advertised imported moss green waterproof crepe paper for \$12.50 per 100 rolls about a month ago in THE AMERICAN FLORIST and sold out completely in a very short time. Manager Van Gelder says that the florists throughout the country must have been pretty well acquainted with the crepe paper market conditions then, for they did not stop to write, but telegraphed in their orders immediately and before he would have a chance to withdraw the offer if he cared to do so. He just wanted to clean up the one lot he had set aside, but did not expect to receive anywhere near the tremendous large number of orders that were booked.

Zech & Mann's store force bowled three games with the W. H. Amling greenhouse employees at Maywood last Thursday evening, April 13, when they lost two out of three games played. The Zech & Mann team consisted of Allie Zech, Joe Erringer, Ed. Vilter, Fred Ottenbacher, Michael Freres and Nicholas Mann, and the Maywood team of W. H. Amling, Walter Amling, Herbert Amling, Martin Amling, Ernest Amling and A. Frigo. The feature of the evening was the bowling

CHICAGO'S BIGGEST LITTLE SUPPLY HOUSE

An entire new line of goods, no left over stock whatever, so you get the best when you order here

BASKETS

Special

\$10.00 Spring Assortment of Cut Flower and Plant Baskets in all the desired colors or in any of the two-tone finishes. This is a big bargain and is a sort of Get-Acquainted-With-Us proposition. State sizes desired when ordering.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

SINGLE AND DOUBLE STOCKS--GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

of W. H. Amling, who had the pins falling for him in great shape and made a good showing.

Wietor Bros. are cutting a fine supply of roses and carnations and report a brisk Easter trade. American Beauty roses are seen in good supply at this establishment and clean up nicely every day at high prices. This firm has a fine lot of chrysanthemum plants ready to be benched and will start planting right after Easter.

Many of the local wholesale florists received an announcement last week from Timothy Smith in regard to the opening of his new store at 4601 Euclid avenue, Cleveland, O. His many friends in the trade here wish him every success in his new quarters.

The Chicago Flower Growers' Association is having its share of the

Easter business and Manager Klingsporn reports a great improvement in the shipping trade. A fine grade of smilax is a leader here this week.

A. M. Anderson has returned from the East, where he represented the A. L. Randall Co. at the National Flower Show at Philadelphia and the big spring show at New York.

Ed. Hauswirth has resigned his position with Archie Spencer and will open a flower store at 220 West Berry street, Ft. Wayne, Ind.

Gov. Dunne proclaimed April 14 as Arbor day this year and the pupils of the city schools planted thousands of trees on the occasion.

Fred Dubois, formerly with the Bohannon Floral Co., and recently with Harry Rowe, is now with George Wienhoeber.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

BEAUTIES, ROSES, CARNATIONS, ETC.

➡ Get Our Quotations on Roses and Other Stock in 1000 Lots ➡

CURRENT PRICE LIST

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$5.00
30 to 36-inch stems.....	4.00
20 to 24-inch stems.....	3.00
15 to 18-inch stems.....	\$2.00 to 2.50
12-inch stems	1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good.....	5.00 to 6.00
" short.....	2.00 to 4.00

	Per 100
Richmond, fancy	\$8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$6.00 to \$7.50
-----------------	----------------------------

Carnations.

	Per 100
Carnations	\$3.00
" special fancy	2.00
" splits	1.50

Easter Lilies.

	Per 100
Select	\$12.50
Shorter	\$8.00 to 10.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquils	3.00 to 4.00

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays.bunch,	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1,000,	3.00
Galax Leaves.....per 1,000,	1.00
Boxwood, per lb., 25c; 50-lb.	case
Pussy Willow....per bunch,	.35 to .50

The Chicago Flower Growers Association



182 North Wabash Avenue

CHICAGO

An Ever Ready Supply Of Cut Flowers And Greens.

Can supply you at all times, so if there is ever anything you need send your order to us and we will see to it that you get it at reasonable prevailing market prices. If you run short for Easter at the eleventh hour get in touch with us and we will supply you if there is any possible chance of doing so.

The Raedlein Basket Co. has been working day and night, including Sundays, for the past two weeks so as to get out all their orders on time. They had a better than ever Easter trade and made special efforts to accommodate their customers up to the last possible minute.

Sidney Buchbinder, sales manager for Buchbinder Bros., has returned from Minneapolis, Minn., where he sold a new refrigerator to the Eldridge Floral Co. His firm has also sold a new display box to the Winona Floral Co., Winona, Minn.

J. A. Budlong is cutting from a nice crop of roses and is offering a large supply of fine lilies. The shipping trade is unusually good this week and the local demand is very satisfactory and it looks like a big Easter trade.

EASTER LILIES

Fine long stemmed flowers, \$8.00-\$10.00 per 100. Double Violets, 50c-75c per 100.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Walter Scott of La Grange was a visitor in the market this week for the first time in nearly a month. He reports business as very good with the outlook bright for a brisk Easter trade.

A. T. Pyfer & Co. are enjoying a splendid Easter trade and expect to clean up in all lines before the rush is over. Some exceptionally fine roses are arriving at this store this week.

Miss Hirschberg, formerly with the Alpha Floral Co. is now with the Central Floral Co., which opened a new store recently on State street.

Thos. Winterson is helping out at Winterson's Seed Store during the rush and is proving to be a most valuable assistant. He is a brother of E. F. and Louis Winterson.

C. L. Snyder, of the El Paso Carnation Co., El Paso, visited relatives here this week. His sister has been quite sick for some time, but is now well on the road to recovery.

Gustave Poehlmann and N. K. Kirsch of Morton Grove represented Niles township at the Republican county convention.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Poehlmann Bros. Co. has sold out completely in Easter plants and the sales will be considerably ahead of last year according to August Poehlmann, who is more than pleased with the large number of orders that were booked. The force had all they could do to get out all the shipping orders on time and the two large delivery trucks were kept going all day long carrying stock to the depot and making city deliveries. H. M. Oeser, superintendent of the palm department, reports a brisk demand for stock and is already well sold out on certain varieties. The supply department is again featuring Hughes' box for Mothers' day and has a large enough stock on hand to fill all orders. The outside cover has an illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolent quotation in decorative printing, combined in unsurpassed artistic effect.

A. L. Vaughan and family were the guests of Mr. Heddington, Tuesday evening, April 11, at his apartments at 742 Buena avenue when they and about 40 other people had the pleasure of seeing themselves in the movies which were taken on their recent trip down the Mississippi river from Cairo to New Orleans, La. Mr. and Mrs. Vaughan celebrated their eighteenth wedding anniversary Tuesday, April 18. Trade at A. L. Vaughan & Co.'s store was very good this week and they have plenty of stock on hand to fill all the late orders that may arrive.

A. I. Simmons, 242 West Sixty-third street, has been appointed depot quartermaster again this year by Governor Dunne and will be with the troops at Ft. Sheridan for fourteen weeks this summer. Mr. Simmons is an expert in this line and at one time fed 4,500 troops as easily as he would have fed 100.

Peter Reinberg had a nice lot of pot lilies for Easter which were in brisk demand owing to the splendid quality and cleaned up quickly at most satisfactory prices. Felix Reichling says that business is very good and that stock of all kinds is in good demand and is cleaning up quickly each day.

Bassett & Washburn are having a big demand for the Belle Washburn carnation for Easter, which is cleaning up early every day at \$6.00 per 100. The demand in general for Easter is surprisingly large and Mr. Washburn says that their Easter trade will be the best in years.

O. A. & L. A. Tonner are well pleased with their Easter business so

far, which was much better than they expected it would be. This firm is issuing a new wholesale supply list and will be pleased to mail one to anyone in the trade upon request.

John Mangel, born in Greece and now a wealthy florist, will tell you how he came to this city in 1885 with \$3.50 and fought his way to the top in an early issue of the Chicago American, under the heading of "What America Did for Me."

Weiland & Risch had an exhibit of gladioli and a vase of their beautiful new rose, Champ Weiland, at the meeting of the Women's National Agricultural and Horticultural Association at the Art Institute, April 13-17.

John Poehlmann, Jr., is back from a visit to the Culver Military Academy at Culver, Ind. He graduated from that school last year and is now on active duty at Poehlmann Bros. Co.'s city salesrooms.

F. S. Howard who has been confined to the Alexian Brothers hospital for the last month with an injured leg is able to be about again with the aid of a cane.

Joe Marks, with the A. A. Arnold Paper Box Co., has returned from the east, where he represented his firm at the Philadelphia and New York flower shows.

Miller & Musser are handling large quantities of southern jonquils, which they report are in good demand and clean up almost as quickly as they arrive.

The John Kruchten Co. is receiving a regular supply of gardenias and some exceptionally fine baby snapdragons.

Walter Pagler is helping out at Zech & Mann's store during the Easter rush.

Visitors: H. W. Koerner, Milwaukee, Wis.; Mathias Ullenbruch, Port Huron, Mich.; John S. Carter, St. Louis, Mo.; Robert Rahaley, Detroit, Mich.; E. A. Feters, Cleveland, O.; Samuel Seligman, representing Wertheimer Bros., New York.

Chicago Bowling.

Scores made by the Florists in the North Chicago League last week. Allie Zech rolled 227 and Fred Price 214 in the first game of the series. The scores:

Players	1st Game	2d Game	3d Game
J. Huebner	158	171	179
W. Lehman	167	185	176
A. Zech	227	163	193
F. Price	214	167	170
P. Olsem	165	160	172
Totals	931	846	890

Current Price List

(In effect April 25.)

ROSES		Per 100
Mrs. Chas. Russell	.....	\$6.00 to \$12.00
Ophelia	.....	Special.....8.00
Sunburst	.....	Long.....6.00
Killarney	.....	Medium 4.00 to 5.00
W. Killarney	.....	Short.....3.00
Kill. Brilliant	.....

CARNATIONS

De Luxe, select	.....	3.00
Common	.....	2.00

Miscellaneous

Callas	.....	\$8.00 to \$10.00 per 100
Lilies	.....	8.00 to 10.00 per 100
Jonquils	.....	2.00 to 3.00 per 100
Lily of the Valley	.....	\$4.00- 5.00 per 100
Sweet Peas	.....	1.00 to 1.50 per 100
Tulips	.....	3.00 to 4.00 per 100
Ferns	.....	3.00 per 1000
Asparagus	.....bunch,	35c to 50c each
Sprengeri	.....bunch,	25c to 35c each
Galax	.....	\$1.00 1000
Mexican Ivy	.....	75c per 100
Boxwood	.....large bunch,	25c each

Subject to Market Changes.

Cleveland.

GOOD PRE-EASTER DEMAND.

This week just ended has been a very busy one, both cut flowers and supplies being in very good demand. Baskets, crepe paper, mats, tapes, ribbons, chiffons and corsage accessories heading the list. Southern smilax for decorations is moving nicely. Stock is improving and also increasing in supply, but the demand has been very good. Sweet peas, however, have been short of the requirements, especially the longer grades. Lily of the valley has also been scarce. String smilax for the coming week promises to be very scarce. Orchids have not been equal to the call the past two weeks. Roses of all kinds are in good supply, and stock is very good. Asparagus plumosus has been in short supply, but growers promise an adequate amount for Easter week. Easter and calla lilies are plentiful. Tulips do not seem over abundant, but daffodils are in good supply. Snapdragon is good stock and cleans up daily. Forget-me-nots, daisies, anemones and other novelties are equal to the demand. Fancy ferns have taken another jump in price.

NOTES.

F. Chott, Fleet street florist, has been ill with pneumonia for some time. He was up and around for several days when he suffered a relapse and is now again very ill. His little daughter is ill at the same time with typhoid fever, and the work and worry has nearly put Mrs. Chott down with a nervous break-down. At last reports, the sick ones were slightly better, but still dangerously ill.

The Park Flower Shop, 144 Euclid avenue, has been incorporated for \$10,000. The incorporators are Albert B. Barber, John M. Fratus, Anna B. Barber, R. E. Elvidge and E. R. Cook. This company will also open a branch in Youngstown, O., at 7 West Federal street, under the same name.

Wm. Ostrodi, formerly with Smith & Feters Co., will go with Timothy Smith in the new store he is opening in the East 46th street and Euclid avenue market house building, and Geo. Schaub, now with the Crane Co., will go to the Smith & Feters Co.

C. F. B.

ST. LOUIS, MO.—The American Greenhouse Manufacturing Co., Chicago, have the order for two new houses, each 36x200 feet, to be erected for the J. C. Rennison Co., Inc.

Why not use Choice Stock We Can Supply It. . . . FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprengeri, Adiantum, as well as other Seasonable Stock and Greens.

Also a large supply of our famous **Blue Ribbon Valley**, which is recognized by city buyers to be the best Valley on the Chicago market. Order some and be convinced.

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Minneapolis.

From all indications there will be a good supply of stock for Easter, especially in lilies, rambler roses, hydranges and spireas. The only possible shortage will be azaleas and lilac plants. Carnations and roses are in full crop at a slight advance in price. Funeral work has been very heavy during the past week. Most of the trade found it necessary to work overtime to get it out.

NOTES.

The L. S. Donaldson Co.'s greenhouses were in gala attire on Palm Sunday. In response to advertisements which appeared in the papers the place was thronged with visitors who enjoyed a treat in the splendid display of Easter plants. Messrs. Desmond and Vasatka had the stock in the best of condition, and quantity, quality and arrangement were all noticeable.

O. J. Olson, of the well-known firm of Holm & Olson, St. Paul, has had three operations performed at St. Luke's hospital in that city. Latest reports are to the effect that he is now on the way to a speedy recovery. Theodore Wirth, superintendent of parks of this city, visited him Sunday.

The St. Paul florists' bowling team defeated the Minneapolis team and Captain Hanson now wears the smile. Following the bowling match at the Elks' alleys in this city, a banquet was served which was enjoyed by about 60 of the florists and their friends.

Louis P. Dancik, proprietor of the Northwestern Wire Works of this city, has petitioned the city council to stop the sale of second hand or used wire designs from cemeteries, on account of the danger of spreading contagious diseases through the use of same.

Due to a typographical error in last week's notes, it was made to appear that Max Kaiser had only 3,000 Easter lily plants. This should have read 30,000 lily plants.

H. B. Whitted has returned from the Philadelphia flower show, with plenty of new ideas and a large stock of novelties which are on display at both stores.

Wm. F. Holmes has both of his windows decorated with the very latest

Easter and Calla Lilies

For Easter Sunday

S. MURATA & CO., Oldest and Most Experienced Shippers in Southern California.
751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Cincinnati.

GOOD EASTER STOCK PLENTIFUL.

From present indications there will be a large supply of good cut flowers in this market that should prove adequate for the Easter demand. The supply of Easter lilies is exceptionally large, and, as a whole, is very good, and so far there has been very little "pickled" stock. Roses, too, including American Beauties, are in heavy supply. Carnations are plentiful, and will be available in good quantities. Sweet peas, too, are in a large supply. A good cut of jonquils, daffodils and poeticus is coming into the market, while the supply of Dutch hyacinths is fair. Tulips are not very plentiful. Enough lily of the valley may be had to take care of present needs. Other offerings include callas, snapdragons and marguerites. Greens are in a good supply. Southern smilax is meeting with a good call.

NOTES.

Tom Windram has purchased another auto, an Overland roadster, which he has converted into a delivery truck.

The Wm. Murphy Co. will have a heavy cut of Easter lilies and carnations for their Easter trade this week.

E. G. Gillett will have a large quantity of Easter lilies, roses and sweet peas for his Easter trade.

J. A. Peterson & Sons have an exceptional lot of pot roses for their Easter trade.

C. E. Critchell has arranged for a good lot of stock for Easter.

Visitors: Frank Farney, representing M. Rice Co., Philadelphia, Pa., and Miss Fannie White, Lexington, Ky.

H.

in Easter novelties filled with choice cut flowers. The display is very attractive.

August Swanson has returned from an extended trip to California. He says California has the climate but that Minneapolis is good enough for him.

A. Miller is in town with his pencil and is booking orders for next year's crop of lily bulbs for A. Henderson & Co., Chicago.

Thomas Lynes makes it a point to have his windows attractive at all times—and of course Easter is no exception.

John Martins of Bloomington avenue has the newest automobile in town. It has the real grass green color.

Rice Bros. are crowded for space, but are taking care of a big spring rush in both flowers and supplies.

The Lake Street Florists have a very brilliant electric sign. The window arrangements here are very tasty.

Oscar Swanson has as usual a fine stock and the windows are filled with Easter flowers and plants.

Ralph Latham has every inch of space in his establishment filled with lilies and Easter plants.

The Eldridge Floral Co. have some attractive windows. These are arranged by Henry Barsch.

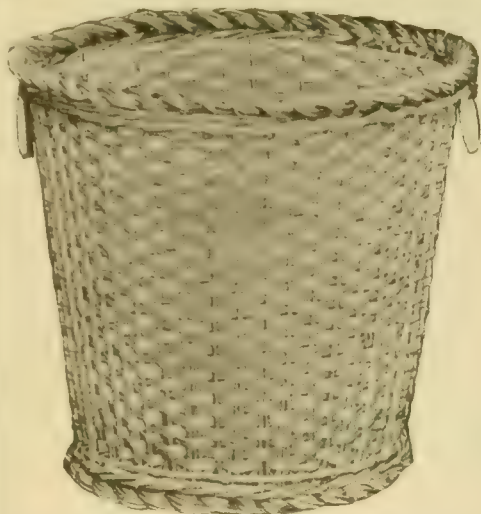
O. H. Carlson is enjoying his usual good luck. His establishment is in full crop for Easter.

James Mitchell of the Spa Floral Co. always has an attractive window display.

Chas. W. Crum has been added to the force at Oscar Amundson's.

T. C. R.

SCRANTON, PA.—G. E. Carpenter will erect a conservatory in the rear of his flower shop.



SPECIAL NOTICE!!

No matter how well one is prepared for the Easter rush he sometimes finds that he did not order enough of this or that.

If you run short on baskets

Just Telegraph in Your Orders

and we ship immediately. Plenty of stock on hand for everyone. Rush orders our specialty.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.,

CHICAGO

Toledo.

INDICATIONS OF IMMENSE EASTER DEMAND.

At this writing all signs point to the greatest, most profitable Easter trade ever experienced in this city. Retailers and growers alike report on hand a greatly increased supply of all kinds of seasonable plants. Lilies are in greater supply than ever before, but florists are trying to diversify the demand to all kinds of plants this year. There are plenty of sweet peas, carnations and roses. At seasons of the year like Easter, Christmas and Mothers' day, florists can advertise with much profit to themselves. At least that is the opinion of Toledo retailers and they are going in for a large ad in the daily papers. This method concentrates the attention of the buying public on flowers for Easter in a very effective manner.

NOTES.

The next meeting of the Toledo Florists' Club will be held the Tuesday after Easter. The Retail Merchants' Board has kindly donated the use of a very large room in the Nicholas building for all future meetings of the club. J. H. Coombs, the efficient secretary of this board, will address the florists at the next meeting on the value of organization and co-operation. A big attendance is looked for.

At the opening of the American Association baseball season here April 11, a huge baseball, standing fully five feet in height was given to Manager Bresnahan. It was made entirely of carnations and was the work of Earl Metz of Metz and Bateman. It was unique and attracted a great deal of attention.

Schramm Brothers are plunging heavily in advertising this season in the expectation of making a clean sweep. They are sending out thousands of handsome folders in colors besides using newspaper space liberally. Three delivery cars will be used to deliver Easter orders.

S. N. Peck who for many years has operated a range of houses on South street and a retail store on Superior street has sold his range to William Knowles, of New York, an experienced grower who has already started to make many improvements in his houses.

Jack Gardner, formerly employed by Harry Heini, will open a flower shop early in May in the building now being completed at the corner of Wal-

NEW CROP FERNS

Fancy, \$1.35 per 1000; Dagger, \$1.15 per 1000.

Special Quotations for Weekly Shipments.

E. A. BEAVEN,

Evergreen, Ala.

nut and Bancroft streets. He is well known here and plans to have a first class shop in every respect.

Miss Helen Patten has purchased another delivery car to take care of her constantly enlarging business. Trade has been very lively with her for some time past and she predicts a fine Easter business.

Harry Turvey has been making great strides in his business in West Toledo which has just been annexed to this city. He is buying heavily for Easter and expects to greatly increase his trade this year.

Henry Barrow is sending in some splendid pansies. He is very busy and reports a lively trade in plants of all kinds.

A. C. K.

Kansas City.

GOOD BUSINESS CONTINUES.

The weather during the past week has been favorable, trade has been brisk, and there has been plenty of good stock to select from. Funeral work has not been as heavy as usual, but there has been a marked increase in orders for decorations. On Palm Sunday, every available palm in the city was in use in the churches. Pot plants are in greater supply than ever and find ready sale. Some very fine roses in variety, spiraeas, azaleas, hydrangeas, etc., are to be seen. Cut roses are more plentiful but Killarneys still lead in popularity. Carnations have shortened somewhat in supply, but sweet peas are plentiful and the quality is excellent.

NOTES.

Everything is all set for a big Easter trade at W. J. Barnes' establishment. The finishing touches have been put on the pot plants and all stock is in prime condition. He had several large palm orders for Palm Sunday; also a number of orders for large made-up pot plants for the mayor's office and council chamber.

Samuel Murray has been showing some especially fine Spencer sweet peas, novelties in different forms, in his windows. Fine rambler roses in

various shapes are also a feature, as are splendid hydrangeas. A number of splendid floral arrangements from this establishment were seen at the city hall.

Wm. L. Rock Flower Co. reports first class trade with plenty of fancy stock to work with. Orders for funerals and decorations are plentiful. Some very good stock of home-grown Gladiolus America are a feature here.

A. Newell has been very busy with orders for funeral work and hospital flowers. He has a heavy stock of pot plants. Several elaborate arrangements went from this establishment for the mayor's inauguration.

H. Kusik & Co. received a shipment April 15 of 8,000 yellow jonquils. Their supply of roses and sweet peas is also large, but all stock is moving well.

T. J. Noll & Co. are handling immense quantities of cut stock. Heavy Easter business has been booked.

The Peterson Floral Co. had numerous orders for the inauguration of the newly-elected mayor, April 17.

Patrick Larkin reports business good in all branches.

E. J. B.

Fort Wayne, Ind.

Immense quantities of bulbous flowers and plants have been a feature of the market during the past week. Pansies and Spanish iris are among the newer varieties of stock to be seen on the market. Roses are more plentiful, but are none too abundant, while carnations are in moderate supply. Large numbers of blooming plants are being brought into the retail stores, the trade is advertising extensively and a fine Easter trade is anticipated.

Several elaborate decorations for dinners and dances were executed during the week by the Flick Floral Co. A Saturday sale of spring flowers also brought good sales.

Some fine stock of Cattleya Trianae are being cut at the greenhouses of W. J. & M. S. Vesey both for the local and outside markets.

H. K.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phone Central 1977 and 1978.

Mention the American Florist when writing

WIRE HANGING BASKETS

Our Baskets are made strong and substantial,
so do not compare them with other "cheap" made-up baskets. (Measure across top.)

Size	Per Doz.	Size	Per Doz.
8 inches	\$1.25	14 inches	\$2.50
10 inches	1.50	16 inches	3.00
12 inches	2.00		(Larger sizes to order.)

GREEN SHEET MOSS

for lining hanging baskets.

Per large bale (of 5 bundles).....\$1.25
Per 5 bale lots for..... 6.00

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

Wholesale Flower Markets

CURRENT PRICE LIST.

In Effect April 24.

Per doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
Mrs. Chas. Russell....	1 00@ 3 00
Per 100	
" Beauty, short.....	\$6 00@ 8 00
" Hoosier Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince of Bulgaria.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	2 00@10 00
" Milady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Cecile Brunner.....	3 00
" George Elgar.....	3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	1 50@ 4 00
Cattleyas..... per doz., 6 00@ 8 00	
Gardenias..... per doz., 3 00@ 4 00	
Jonquils.....	1 00@ 3 00
Tulips.....	3 00@ 4 00
Lilium Harrisii.....	10 00@12 50
Mignonette.....	6 00
Romans.....	3 00@ 4 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 5 00
Violets, single.....	50
Violets, double.....	30@ 50
Adiantum Croweanum.....	1 00@ 1 50
Snapdragons..... per doz., 75@ 1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Anemones.....	4 00@5 00
Calendulas.....	3 00@4 00
Ferns..... per 100, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumous Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumous Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

PREPARATIONS FOR EASTER COMPLETE.

The market is full of flowers; there is great variety, good quality, everything up to the top notch of efficiency from the productive standpoint. American Beauties are now in full crop, fine flowers coming to the market from all growers. All other varieties of roses are plentiful with prices ruling low. Sweet peas are easing up a bit; they have never been seen in such quantity or of as uniform good quality as offered this season. Carnations, while fine, are quoted at low figures—the cool weather favors them. Snapdragon is now at its best and has a fair demand. Gardenias are now the poor man's flower, being sold so low that this title fits them to a penny. Good lilac finds a ready market. The cool weather favors the violet, but the demand is light. Cattleyas—plenty of them at buyer's prices. Lily of the valley is in favor and will, the growers say, be one of the choice things at Easter. Easter lilies have been coming in ahead of the demand and promise to be plentiful at no increase in price throughout the week. A late Easter is as a rule subject to spells of hot weather which many a grower remembers to his cost. With this in mind the schedule time at which the various stocks were brought along this season, has resulted in many cases very unsatisfactorily. A number of the growers have whole houses of roses, which have been given great care and preparation in training in the various popular forms of pyramids, umbrellas, baskets, etc., which at this late day, April 15, hardly show color. Many hydrangeas are in much the same condition, being carried in a Turkish bath atmosphere in the effort to make them. There appears to be an abundance of the Easter lilies; these are about right as to time, although some growers are a bit anxious. The market is unsteady as to price, the offerings to department stores and other large buyers being as low as \$7 per hundred flowers on the plants, \$10 per hundred being the ruling price of hundred plant lots. A look around the stores shows considerable novelty in the various receptacles such as plant baskets, vases, decorated pots, trellis boxes, etc. Common earthen pots, with what might be called poster decorations, are very striking. These consist of broad black and white stripes of enamel, with in some cases, rose, tulip and other flower decorations. Blue and white, yellow and white, and other showy stripe combinations in all sizes of pots and bulb pans filled with plants, will be one of the novelties of the season. The trellis boxes are very prominent, while the trellis effect obtained in placing the square or diamond shaped frames, painted white or green, in pots of rambling roses or made up boxes and pans of assorted plants, adds very materially to the appearance and selling value of the article.

All the retailers expect a record breaking business; great preparations have been made, many empty stores being rented for the week to store the surplus stock and handle the deliveries. From the advance orders received the commission houses expect

Wholesale Flower Markets

BOSTON, April 19.		Per 100
Roses, Beauty.....	40 00@50 00	
.. Killarney Queen.....	4 00@16 00	
.. White and Pink Killarney.....	4 00@16 00	
.. Double White Killarney.....	4 00@16 00	
.. Killarney Brilliant.....	4 00@20 00	
.. Hadley.....	6 00@25 00	
.. Cardinal.....	6 00@25 00	
.. Mock.....	8 00@35 00	
.. Mrs. Chas. Russell.....	6 00@12 00	
.. Sunburst.....	6 00@12 00	
.. Taft.....	6 00@12 00	
.. Milady.....	6 00@12 00	
.. Ward and Hillingdon.....	2 00@6 00	
.. My Maryland.....	50@5 00	
Cattleyas.....	35 00@50 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@2 00	
Carnations.....	4 00@6 00	
select.....	6 00@8 00	

BUFFALO, April 19.		Per 100
Extra Special Beauties.....	35 00@40 00	
Roses, Killarney.....	4 00@10 00	
.. White Killarney.....	4 00@10 00	
.. My Maryland.....	6 00@10 00	
.. Killarney Queen.....	4 00@8 00	
.. Richmond.....	4 00@10 00	
.. Sunburst.....	4 00@10 00	
.. Ward.....	4 00@6 00	
.. Taft.....	4 00@10 00	
.. Ophelia.....	6 00@10 00	
.. Francis Scott Key.....	8 00@15 00	
.. Shawyer.....	4 00@10 00	
.. Bon Silence.....	2 00@3 00	
Lily of the Valley.....	4 00@5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@3 00	
Snapdragons.....	6 00@10 00	
Violets.....	40@50	
Yellow Tulips.....	2 00@3 00	
Daffodils.....	2 00@3 00	
Freesias.....	2 50@4 00	
Paper Whites.....	2 00@3 00	
Asparagus Sprengeri.....	35@50	
Ferns.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, April 19.		Per 100
Roses, Beauty.....	per doz. \$1 50@5 00	
.. Killarney.....	3 00@8 00	
.. My Maryland.....	3 00@8 00	
.. Richmond.....	3 00@8 00	
.. Taft.....	3 00@8 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	8 00@15 00	
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., 6 00@7 50	
Carnations.....	2 00@4 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35@1 00	
Sweet Peas.....	25@1 00	
Daffodils.....	2 00@3 00	
Jonquils.....	2 00@3 00	
Hyacinths.....	3 00@4 00	

to exceed the trade of any previous season; they are well supplied with all kinds of stock, there appearing to be no scarcity of anything except possibly lily of the valley.

NOTES.

There was at one time a question as to who ran the florist business of the Snellenberg department store. Those who were unfortunate enough to get caught with unpaid accounts at the time of the failure of this venture have discovered that the space was only rented, the business being conducted by the lessees on a commission basis, the house not being in any way responsible for bills contracted.

Bertrand H. Farr, Wyomissing, Pa., an expert on irises, delivered a lecture on his favorite flower before the Pennsylvania Horticultural Society

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

April 11. The importance of the Iris as a garden flower, the best varieties, their culture, enemies, etc., were shown in detail. It was one of the most interesting lectures of the season. American Beauties are the great feature of the Leo Niessen Co.'s market. The quality is fine and the

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

quantity immense. Other roses, carnations, sweet peas and Easter lilies are seen in unlimited quantities.

Harry Faust, of Merion, the Easter lily specialist, whose stock runs into the thousands of pots each year, has found a tissue paper strip or band 36 inches long by two in width is ideal for tying up the flowers when shipping them in the pots. The ends of the paper will hold like twine. Since adopting this plan there is scarcely any complaint of bruised flowers.

J. Wolff Moore put a 40-horse power Buick on the street last week that about tops the list of florists' cars in this city. The body has rounded lines, no sharp corners, is eight feet in length inside behind the seat, six feet two inches high and four feet two inches in width. It is a very commodious car, yet the lines and dark blue finish are so elegant, there is nothing van-like in its appearance.

Joseph Josephs, who purchased the business at 1722 Columbia avenue, to which he removed from 1906 Columbia avenue, is much pleased with his new location. He has just added a Ford car to his delivery service, which he finds of great assistance.

The Robert Craig Co. has immense quantities of spring bedding plants in variety waiting to take the place of their Easter stock. They have worked up a large business for this class of plants in the last few years.

The supply houses were rushed as never before up to the very last, the local demand keeping them busy with repeat orders.

Easter lilies are the feature with Berger Bros. Orchid sweet peas, select carnations and roses are also seen in quantity.

The plant boxes, painted white, and decorated in poster fashion with varicolored bubbles, are very striking.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, April 19.		Per 100
Roses, Beauty, extra.....	50 00@65 00	
first.....	20 00@35 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	5 00@12 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	12 00@16 00	
Lilacs..... per bunch, \$1.00@1.50		
Sweet Peas.....	1 00@2 00	
Snopdragons.....	8 00@20 00	
Calendulas.....	4 00@5 00	
Mignonette.....	3 00@5 00	
Violets, single.....	50@75	
Asparagus..... per bunch, 50		

PITTSBURGH, April 19.		Per 100
Roses, Beauty, special.....	40 00	
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Gigantum.....	12 00	
Sweet Peas.....	50@1 50	
Spanish Iris.....	6 00	
Daffodils.....	3 00	
Tulips.....	3 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, April 19.		Per 100
Roses, Killarney and W. Killarney	4 00@8 00	
" Ward.....	4 00@8 00	
" Mrs. Chas. Russell.....	6 00@25 00	
" Ophelia.....	4 00@10 00	
" Hoosier Beauty.....	4 00@10 00	
Lilies..... per doz., 1.50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	50@2 00	
Carnations.....	1 50@3 00	
Snopdragons..... doz., \$1 00@1 50		
Daffodils.....	3 00	
Tulips.....	3 00@4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers
in MINNEAPOLIS. Let us supply your
wants. If it is on the market we can
furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, April 19		Per 100
Roses, Beauty, medium.....	20 00@25 00	
" short stems.....	8 00@15 00	
" Killarney.....	4 00@8 00	
" White Killarney.....	4 00@8 00	
" Aaron Ward.....	3 00@6 00	
" Sunburst.....	4 00@8 00	
" Ophelia.....	4 00@8 50	
" Hoosier Beauty.....	5 00@10 00	
Valley.....	4 00	
Carnations.....	1 50@2 00	
Orchids.....	35 00@50 00	
Callas.....	8 00@12 50	
Lilies.....	10 00@12 50	
Rubrum Lilies.....	10 00	
Asparagus Plumosa, per bu., 25@75		
Ferns..... per 1000, 2 50		
Bronze Galax..... per 1000, 1 25		
Richmond Roses.....	3 00@6 00	

WE ARE WHOLESALE FLORISTS.

WE handle every variety of Cut Flowers. **WE** have 22 years experience behind us, and **we do not** expect a gold medal for doing our full duty by our consignors and customers.

You cannot go very far wrong when dealing with us.

GUTTMAN & RAYNOR, Inc., PHONES: FARRAGUT 2036 2037 558 **101 W. 28th St., NEW YORK**

H. P. Battles, who founded his retail cut flower business at 108 South Twelfth street about 25 years ago, will remove immediately after Easter to his own building, 114 South Twelfth street, which he now conducts as a vase shop. Modest as was his business in its first years, it has steadily grown until it is one of the greatest in this country, there being over 75 employees engaged in its various branches the year round, with greatly augmented force at holiday seasons.

At a meeting of the creditors of L. P. Vollers, 1725 Chestnut street, the offer of E. R. Martin, 1535 Pasayunk avenue to purchase the business and everything pertaining to it, including the book accounts of about \$2,000, for the sum of \$5,000, was accepted, he to take possession at once. Walter Davis has been added to the present force to represent Mr. Martin.

Easter lilies and American Beauty roses are leaders with Edward Reid's holiday business. High grade carnations and orchid sweet peas are also features.

Robert Kift has opened a retail store at 1726 Chestnut street, right opposite his old stand. K.

New York.

GOOD EASTER TRADE ANTICIPATED.

With the usual reaction that always follows a flower show, a continuation of bad weather and on the eve of a great holiday like Easter, it was to be expected that business would be bad during the past week and it even surpassed all expectations. There was very little doing until April 15, when the weather cleared and now gives promise of business for Easter. Stock will be plentiful, and as a rule, high prices will be impossible. Good cattleya orchids are an exception. The indications are that they will reach \$1 per flower, wholesale, possibly higher, because they are scarce. There is a good supply of lilies, many of them being short, but it does not seem possible that the best can go above \$10 and \$12 per 100, bud and flower. The finest carnations may reach \$3.50 per 100, but we doubt it. There must be a great stock of carnations in reserve that will glut the market a few days before Easter. American Beauty roses may reach \$50 per 100 and the average of the best tea roses may reach \$12 or possibly \$15 per 100, but that will be the limit. Sweet peas and gardenias are very plentiful and will be cheap. Violets are not now arriving in great supply, but we recall other Easters. The plant business will loom large, as nearly everything in the plant line will be in bloom. Investigation at the retail stores shows that they are all making great preparations to handle plants. Weather conditions will have much to do with the sale of cut flowers.

April 17.—The market opened fairly active, but excepting in orchids, there are no high prices. The indications are that carnations were being held back. Lily of the valley is wholesaling up to \$5 per 100. Special

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

American Beauty roses are slow at \$20 to \$30 per 100. In lilies, both in pots and cut, there seems to be a great stock in sight and there will be no high figures. An immense stock of exceptionally fine sweet peas is arriving, but high prices are impossible. Indications point to a great plant trade for Easter, but nothing definite can be stated about cut flowers. Roses are cheap and hard to move. Carnations are wholesaling at \$4 and \$5 per hundred, but indications point to a big drop by Saturday.

NOTES.

Friends in this city of C. F. Bertanzell and wife of Roslyn, L. I., were greatly shocked, April 17, to learn of the sudden death of Mrs. Bertanzell, which occurred on Palm Sunday. She had been to church and soon after returning home, collapsed and died in a short time. About 12 years ago, her husband, who had been a private gardener, established the Wheatly Gardens, at Roslyn, both growing and retailing. Mrs. Bertanzell was active in the business and they were successful from the start, both being well known in New York, where Mr. Bertanzell was a stockholder in the Growers' Cut Flower Company. She was a native of Switzerland, about 40 years old, and is survived by her husband and two children.

Herman Kuhn, the retailer of Sixth avenue and 50th street, had a birthday, Palm Sunday. Herman looks to be about 45, but old-timers figure that he is older. However that may be, he is a fine and active man. William Hanft, of Young & Nugent's staff, has also just had a birthday. William is "not as young as he used to be," but is yet very active as a designer and decorator.

Moore, Hentz & Nash, in the Coogan building, are handling very fine Killarney Queen roses. One hundred blooms of similar stock took first prize at the late show. They are all grown by the Bedford Flower Co., Bedford Hills, N. Y.



Henshaw & Fenrich announce dissolution of partnership, effective April 29. A. M. Henshaw will from that date operate the Henshaw Floral Co., Inc., at 127 West Twenty-eighth street and Jos. S. Fenrich will do business under his own name at 51 West Twenty-eighth street.

A force of workmen are active in remodeling the building at 503 Madison avenue, which J. H. Small & Sons will occupy as a retail store after May 1. It will be one of the finest stores in this city.

At the store of Drakos & Co., 2953 Broadway, which is controlled by J. G. Papademos, who also has another Broadway store, we have noted exceptionally fine rambler roses, hydrangeas and other plants.

D. J. Pappas, president of the Greek-American Florists' Association and a well known Broadway retailer, stated that he was well stocked and expected good business.

Herman Weiss, of 106 West 28th street, is well pleased with the sweet pea prizes taken at the show by his grower, A. E. Jackson, of West Summit, N. J.

A. F. F.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of all the **NEW ROSES**.
Carnations, Sweet Peas,
Azaleas, and other
EASTER PLANTS
 and Everything in Cut Flowers.
 Consignments Solicited.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the **NEW ROSES, CARNATIONS** and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

John Young & Co.
 Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, April 19.	Per 100
Roses, Beauty, special.....	20 00@30 00
" " extra and fancy.....	10 00@15 00
" " No. 1 and No. 2....	3 00@ 5 00
" Prima Donna, special.....	5 00@10 00
" Alice Stanley.....	1 00@ 8 00
" Francis Scott Key, special.	1 00@ 8 00
" Mrs. Geo. Sawyer.....	1 00@ 8 00
" White Killarney, special....	8 00
" Killarney, My Maryland....	
" " special.....	6 00@ 8 00
" " No. 1 and No. 2....	1 00@ 2 00
" " Queen.....	2 00@ 8 00
" " Brilliant.....	1 00@ 6 00
" Aaron Ward.....	2 00@10 00
" Richmond.....	1 00@ 8 00
" Sunburst.....	2 03@ 8 00
" Taft.....	1 00@ 8 00
" J. L. Mock.....	2 00@10 00
" Hadley.....	4 00@35 00
" Ophelia.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@ 8 00
" Hoosier Beauty.....	2 00@ 8 00
Cattleya Orchids, special.....	75 00@100 00
" " inferior grades.....	30 00@50 00
Lilies, Longiflorum and Harrisii..	6 00@ 8 00
Lily of the Valley.....	4 00@ 5 00
Carnations.....	2 00@ 3 50
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 40@ 3 00
Smilax.....doz. strings.....	2 00@ 2 50
Gardenias.....per doz.....	75@ 3 00
Violets, single.....	40@ 50
double.....	35@ 50
Sweet Peas, orchid flowered.....	1 00
common.....	15@ 25
Mignonette.....per doz., 50c@1.00	
Pansies, cut.....	20@ 50
Narcissus, Paper White.....	2 00@ 3 00
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Tulips.....	1 25@ 3 00
Flamingo.....	3 50@ 4 00
White Lilac.....per bunch, \$0.75@1.50	
Snapdragons.....per doz., 75@ 1.25	
Callas.....per doz., 1.00@ 1.25	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422
 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N.Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
 Wholesale Florist
106 W. 28th St., NEW YORK

WHOLESALE FLORISTS
Young & Co.
54 West 28th St. New York
 Consignments Solicited



INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5.....	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

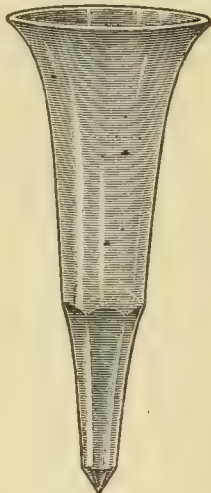
Pasadena, Calif.

SPRING FLOWER SHOW.

The eleventh annual spring flower show, held under the auspices of the Pasadena Horticultural Society, opened April 13, continuing to April 15, inclusive. The weather conditions were perfect; though a recent hot spell forced out many of the roses; the exhibition on the whole was good. In the cut flower division, of course roses and bulbous flowers predominated. Of roses, Gen. McArthur and the Cochetts were in greater abundance. The tulip display was superb, as was also that of ranunculus. A basket of the latter flower won first in the class of floral decorations. They were of the French variety and in yellow. Ixias were scarce and only fair in quality. The irises were good, but they were not very plentiful. Carnations were scarce and not what should be expected from the gardens at this time of year. Some of the best roses exhibited were not in competition, being shown by those who can be classed as simply lovers of this, the best beloved of all the flowers. There were fine specimens also in the amateur exhibit. In other varieties of cut flowers, we mention antirrhinums, and aquilegias, both good in quality. Canterbury bells were not to be seen nor were gladioli. Stocks were plentiful, as were sweet peas, there being some very good displays in winter flowering Spencers. There were also plenty of watsonias, both in white and pink.

The best general display of flowering and foliage plants was that of William T. Shields, gardener for Mrs. S. H. Allerton. The arrangement was good, and the assortment of the best. This display received the blue ribbon. Other displays were made by some of the commercial growers of which the most important was that of the Clemence Nursery, Pasadena. They had a large showing of standard roses and foliage plants. The Mentor Nursery, also of Pasadena, had a well arranged display of plants, many of them being more or less scarce. Everything they had was labeled. The Miller Rose Co. had a splendid display of roses of such varieties as Richmond, Mme. Chatenay, Sunburst, Milady, Shawyer, Gen. McArthur and Ulrich Brunner. They were outdoor grown, but all varieties grown for cutting.

Among the business firms represented there was the Campbell Seed Co., with



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.
Can be supplied in green or white.
Dozen, \$3.00; barrel of 3 dozen, \$7.50.
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO

31-33 W. Randolph St.,

NEW YORK

43 Barclay St.

Mention the American Florist when writing

a display of seeds, pansies and winter flowering Spencer sweet peas. Morris & Snow, Los Angeles, seedsmen, were showing seeds in packets, bulbous flowers and fertilizers. Germain Seed & Plant Co., also Los Angeles, was represented with a line of shrubbery and foliage plants from their nursery. The Patton Seed Co., of Pasadena, had a neat display of seeds, and flowers grown from their seeds.

The Orchid Flower Shop had a display of cut flowers. They were busy at the store, too, and the demand will keep them hustling the balance of the week. They had a beautiful specimen of Genista monosperma. John H. Teekamp, importer of Dutch bulbs, had a splendid display of bulbous flowers, especially of tulip and ranunculus varieties.

Probably the best representative display was that of Paul J. Howard, the landscape artist and horticulturist, of Los Angeles. It was arranged as a formal garden, with the lawn and brick walls surrounded by a neat hedge, while a border for the walk was made up of potted baby roses. Scattered here and there were set pieces of specimen conifer and flowering plants. Bulbous flowers, and a fine assortment of irises furnished the color.

G. H. H.

Retail Florists



Now is the time to prepare your advertising for April and May, covering

Spring Planting Mother's Day
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

MEMPHIS, TENN.—Johnson's Greenhouses have applied for a charter for the purpose of conducting a retail business. The incorporators are Olaf C. France B., and W. C. Johnson, H. M. Barfield and Thelma Hardaway. The capital stock is given at \$10,000.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.

3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R. I.
and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORESNew London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.

NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York, Washington, D.C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

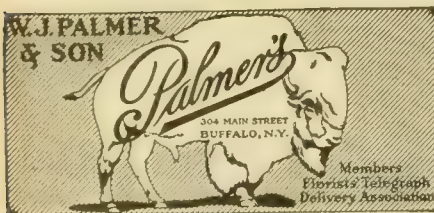
—OR—
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St.

PHONES: 1501 and L1582

Members of Florists' Telegraph Delivery.

Max Schling

NEW YORK.
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
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Clarke's Sons, David, New York.
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Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
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Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
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J. M. Fox & Son, Inc., Milwaukee, Wis.
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Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
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Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
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Kottmiller, New York.
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Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
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Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
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Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Petters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
The Avenue Floral Co., New Orleans, La.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
J. S. Wilson Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Member of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



WASHINGTON

D. C.

Gudes'

Members of Florists' Telegraph Delivery.

San Francisco, Calif.

233-235 Grant Avenue.

JOSEPH'S

Flowers, Fruits, Favors

FLORISTS

B. M. JOSEPH.

Phone Sutter 423.

Novelties for
"Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Denver, Colo.

The Park J. A. VALENTINE. Floral Co.

President

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts
of the city. Arkansas and the Southwest.

DES MOINES

IN THE CENTER OF IOWA

J. S. Wilson Floral Co.

We cover all points in Iowa.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone

14th and H. Street

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

NEW ORLEANS, LA.

THE AVENUE FLORAL CO.

3442 St. Charles Avenue.

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Flowers or Design Work.

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All orders carefully filled under the supervision of
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Both Phones, 527.

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Telephones—5822 Audubon, 1767 Audubon and 1125 Morningside.

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Mail, telegraph or telephone orders promptly filled

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200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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THINK OF HEINL'S

**KANSAS CITY,
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"Some Florist"

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Write or wire headquarters for flowers for Texas,
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Choice Cut Flowers and Designs on short notice.
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Floral Designs a Specialty

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Artistic Floral Work and Long Stem
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Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

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Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

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Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
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St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

St. Louis, Mo.

WIRE

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BELLE WASHBURN

RESULTS ARE WHAT COUNT

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The best red Carnation. Young plants in 2½ in. pots, \$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

The color is the most brilliant red of any carnation on the market. The size of the flower is 3 to 3½ inches, with stems 24 to 36 inches long, strong and stiff. The calyx never bursts and all flowers grade first. Best of all it is a steady and constant bloomer giving just as many flowers as the Enchantress of which it is a seedling. Orders from the far west can be sent direct to our Mr. E. B. Washburn, 252 South Orange Grove Avenue, Pasadena, Calif., who will give them his personal attention. An inspection of our greenhouses either at Hollywood, Calif., or Hinsdale, Ill., is invited.

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago, Ill.
OFFICE AND STORE,
GREENHOUSES, HINSDALE, ILLINOIS.

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Geraniums, Standard var.	\$2.00	\$18.50	\$3.00	\$25.00
Heliotrope, Mme. Bruant				
and Chieftain	2.00	18.50	3.00	25.00
Lantanas, 6 varieties	2.00	18.50	3.00	25.00
Lemon Verbenas	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Parlor Ivy	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus, (Dus- ty Miller)	2.00	18.50	3.00	25.00
Swainsona, white and pink	2.00	18.50	3.00	25.00
Verbenas, separate colors	2.00	18.50	3.00	25.00
Vinca	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

BECONIA BEGONIA

Luminosa Erfordii

SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

Mention the American Florist when writing

A. N. Pierson, Inc.

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Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

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Elmer D. Smith & Co. CHRYSANTHEMUMS

Ask for catalogue.

ADRIAN, - - - MICH.

GERANIUMS

All the leading varieties, in bud and bloom, 4 inch, \$8.00 per 100.

COLEUS

Six best varieties, 2½ inch, \$3.00 per 100

BEGONIAS

Cincinnati, 2½ inch, strong, \$15.00 per 100; \$115.00 per 1000
Chatelaine, 2½ inch, 5.00 per 100; 40.00 per 1000
Vernon, 4.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch, \$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION, MASS.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Fine stock of KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly
reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, CALIF.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED CHICAGO: J. Anderson, representing Theodore Jensen & Co., Copenhagen, Denmark.

THE capital stock of the Nebraska Seed Co., of Omaha, Neb., has been increased from \$50,000 to \$150,000.

SOME of the Holland travelers in the United States and elsewhere have been notified to report for military service.

A BRANCH store is to be opened up at Minneapolis, Minn., by the Farmer Seed & Nursery Co., of Faribault, Minn.

CHICAGO—Prices for grass seed on the Board of Trade, April 19, were as follows: Timothy, \$5.50 to \$8.00 per 100 pounds.

THE annual meeting of the Western Seedsmen's Association will be held at the Rome hotel, Omaha, Neb., Saturday, April 22.

BERKELEY, CALIF.—G. W. Wolters has entered the seed business at 1886 Shattuck avenue under the name of Berkeley Seed & Plant Co.

ROCHESTER, N. Y.—A new warehouse to contain 40,000 square feet of floor space will be erected on University avenue by Mandeville & King.

MAIL order seed houses, east and west, report good business the past 10 days while counter sales are in fact making up for the poorer trade in March.

ONION SETS at Chicago during the first three days of the week have advanced 75 cents per bushel and are now selling at from \$2.25 to \$2.50 per bushel wholesale.

A SITE has been purchased in Chicago on the Baltimore and Ohio tracks by the Illinois Seed Co. The seed company will in the near future improve it with a large plant.

IT is reported that the firm of Le Moyne Freres, of Ollioues, France, both members of which are in the French army, will not be able to transact any French bulb business this season.

FOR the purpose of engaging in the seed business S. A. Guernsey & Co., Inc., was formed at Schoharie, N. Y. The capital stock amounts to \$25,000. F. A. Guernsey, N. R. Guernsey and E. R. Rockerfeller, all of Schoharie, are the incorporators.

SAILINGS of Holland-American line's steamers from American ports were automatically suspended April 12, when a cablegram was received from the Dutch headquarters of the company stating that none of its ships had sailed from Rotterdam since March 23. The only vessel belonging to the company now on this side is the Veendyk. She will sail this week, but no ships of this line are scheduled to arrive.

California Seed Crops.

Gilroy, April 14.—L. W. Wheeler, of the Pieters-Wheeler Seed Co., advises as follows:

The general seed crop average promises only fair. Onion leaves are mildewed, but the stocks are not sufficiently developed to be injured. The next 30 days will be the critical period for this crop with the present estimate under normal and sales heavy.

Salsify is very poor and probably will be the shortest item this season.

Lettuce looks well, but is late.

Endive, parsnip and parsley are fair.

Carrot is late, but looks fair.

Radish, good.

Sweet peas, mixed, are short on account of the large tracts lost from floods.

Sweet peas, named, are very good.

French Bulb Notes.

NARCISSUS PAPER WHITE GRANDIFLORA.

Flowering in the local fields is reported to have been normal this year, even bulbs of smaller size than those shipped to the trade blooming satisfactorily. Regarding the report of non-flowering of bulbs in America, a careful representative in the south of France says that the non-flowering may be ascribed to several causes, such as possible lack of care in cultivation; the fact that after a year of very abundant flowering the bulb may have suffered a certain exhaustion influencing its bloom for the following year; bulbs lifted a little too early before they are completely matured are not likely to flower normally. As to the crop of 1916, it transpires that about 25 per cent of the bulbs of merchantable size that could have been shipped last season were left undug in the ground, and of these hardly 20 per cent will be suitable for shipment, the remainder being deformed. The acreage planted is about the same as last season, but there will be less bulbs fit for sale. The second size bulbs which ought to have been lifted and replanted have been left in the ground for lack of labor and will not develop normally. The lifting of the bulbs this season will be still more difficult than in 1915 because of even greater shortage of help. Since March 1 we have had too much rain.

Another French grower says: "If any percentage of narcissus bulbs delivered from this district the past season to America have produced only foliage, I attribute this to the season having been very rainy and humid, so that in the late fall of 1914, when the bulbs were planted the roots of these bulbs were started before planting out and the plantings were late. I can see no other explanation."

WHITE ROMAN HYACINTHS.

The 1915 crop not having been large, the total acreage planted must be below the average and with labor shortage the bulbs have not had the usual care. The March rain has caused some re-appearance of the Roman hyacinth

disease. On the whole, the crop of Romans is likely to be rather poor and difficulties regarding the lifting of the bulbs and labor shortage will no doubt interfere.

Packing cases will be invoiced at 3 francs instead of 2 and 2½ francs as before.

The Growers' Syndicate will meet May 6.

Plant Introduction Tract Gift to Gov't.

A government plant introduction station to succeed the bulb propagation station at Bellingham, Wash., was assured, April 13, through the acceptance by government officials of a tract comprising 60 acres of fertile land north of the city limits, the gift of the Mackay Realty Company, a local concern. The donor offered the government the opportunity of making a selection from among thousands of acres of land owned by the company, and the site selected is ideally located, having a frontage of three-eighths of a mile on a paved road, and the soil is well adapted to the purpose for which it will be used. Bulb propagation will be carried on as has been done at the present station at Bellingham, and the announcement that plant introduction will also be a feature gives promise that this station will become one of the largest of its kind in the United States.

Inoculating Seed.

Coating the seed of legumes with inoculated soil, before planting, is a simple method of insuring soil inoculation at slight cost. County agents in Illinois have found ordinary furniture glue effective in holding particles of inoculated soil to the seeds. This method gives each individual seed some of the particles of inoculated soil which it carries with it when it is planted. The scheme requires but a small amount of inoculated soil and costs but a few cents an acre. The method is described in Farmers' Bulletin 704 of the United States department of agriculture as follows:

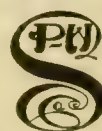
Dissolve two handfuls of furniture glue for every gallon of boiling water and allow the solution to cool. Put the seed in a washtub and then sprinkle enough of the solution on the seed to moisten but not to wet it (one quart per bushel is sufficient) and stir the mixture thoroughly until all the seed are moistened.

Secure the inoculated soil from a place where the same kind of plants as the seed are growing, making sure that the roots have a vigorous development of nodules. Dry the soil in the shade, preferably in the barn or

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

VALLEY FROM STORAGE

**Bruns' Celebrated Chicago
Market Brand, Crop 1915.**

\$20.00 per 1000, \$10.50
per 500, \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

basement and pulverize it thoroughly into a dust. Scatter this dust over the moistened seed, using from one-half to one gallon of dirt for each bushel of seed, mixing thoroughly until the seed no longer stick together. The seed are then ready to sow.

THE new operation of the insecticide act of April 26, 1910, will be effective on May 1 in part and further and completely effective November 1 next. Neither the law nor the amendment No. 3 makes clear and plain the question as to whether the wholesalers, dealers or jobbers are protected against prosecution under the new provision of the amendment and seedsmen who are handling insecticides would do well to consult the Insecticide and Fungicide Board at Washington.

THE Daily Press reports that Germany has barred as luxuries the importation of plants and cut flowers. This is a great blow to Hollanders who have been making money this last year in German trade. The Dutch horticulturists have asked Holland's foreign office to do its utmost for permission to readmit plants and flowers. Meanwhile the Dutch horticulturists are trying to extend their market to Scandinavian countries.

FRENCH seed growers practically without exception decline to make contracts, owing to their inability to secure men to handle the crops.

Catalogues Received.

J. M. Thorburn & Co., New York, seeds; The E. J. Klingensmith Seed Co., Indianapolis, Ind., seeds; Theodore Payne, Los Angeles, Calif., seeds, plants and trees; St. Louis Seed Co., St. Louis, Mo., seeds; The I. W. Scott Co., Pittsburgh, Pa., seeds, implements and supplies; The Moore Seed Co., Philadelphia, Pa., Seed Buyers' Guide, wholesale seeds, for florists and market gardeners; Archias Seed Store, Sedalia, Mo., seeds and plants; Jackson & Perkins Co., Newark, N. Y., roses, peonies, plants, etc.; Phoenix Nursery Co., Bloomington, Ill., wholesale nursery stock; The Elm City Nursery Co., New Haven, Conn., plants, trees and shrubs; Robert Craig Co., Philadelphia, Pa., Easter and spring plants; C. E. Varnum, Atco, N. J., dahlias; Clifford E. White, Grosse Ile, Mich., dahlias; Forbes & Keith, New Bedford, Mass., dahlias; Clarke Bros., Portland, Ore., roses; W. Atlee Burpee & Co., Philadelphia, Pa., Fortieth Anniversary Supplement; Peter Henderson & Co., New York, "Everything for the Lawn," implements and tools. Vilmorin-Andrieux & Co., Paris, France, chrysanthemums, dahlias, cannas, etc.; Wilhelm Pützer, Stuttgart, seeds; Kelway & Son, Langport, Somerset, Eng., wholesale agricultural seeds; Otto Heyneck, Magdeburg, Germany, chrysanthemums; Kaller & Lunnemann, Boskoop, Holland, peonies; Perry's Hardy Plant Farm, Enfield, Middx., Eng., rock and border plants, etc.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Speciosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaea Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snapdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Splendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN,
231-235 W. Madison Street, CHICAGO

Mention the American Florist when writing

ONION SETS?

LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

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Western Seed & Irrigation Co.

Wholesale Seed Growers

Offer high test 1914 Seed Corn

YELLOW DENT:

Pride of the North King of the Earliest
Reid's Early Funk's Early 90 Day

WHITE DENT: Iowa Silver Mine.

Write or wire for prices.

Fremont, - - Nebraska

GLADIOLI

All First Size Bulbs.

Per 1000

America.....\$11.00
Augusta.....12.00
Francis King, scarlet.....10.50
Halley, sal pink.....16.00
Independence, rose pink.....11.00

TUBEROSES

Per 1000

Double Pearl, 1st size.....\$12.50
S. Armstrong, 1st size.....13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held September, 1916.

FARMERS are using hardwood ashes mostly secured from Canada and ashes from sea weed and kelp, because price of potash, which was \$40 a ton in Germany before the war, has jumped to \$500, and is unobtainable for agricultural purposes.

Prices of Indoor Fruits and Vegetables.

Chicago, April 18.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 20 to 25 cents; radishes, 15 cents to 40 cents per doz. bunches; celery, \$1.50 to \$2.00 per crate; tomatoes, six baskets, \$1.50 to \$2.75; cucumbers, per doz., 75 cents to \$1.25.

New York, April 18.—Celery, per 12-inch crate, \$2.00 to \$2.25; cucumbers, \$1.00 to \$1.50 per dozen; mushrooms, 50 cents to \$1.60 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$3.00; lettuce, per package, \$2.00 to \$3.00; rhubarb, per dozen bunches, 40 cents to 60 cents.

Celery Sprayers Warned.

Celery growers are being warned again by the United States department of agriculture that the use of salts of copper in food products has been officially pronounced injurious to health, and that in spraying celery care must be taken to see that copper is not left upon the celery.

Bordeaux mixture, made of lime and copper sulphate, is used extensively to prevent the destruction of the Florida celery crop by blight. Carelessness in the use of this mixture sometimes results in leaving excessive amounts of copper on the stalks. Frequently this is due to the use of knapsack instead of power outfits. The knapsack outfits do not operate at a sufficiently high pressure to make a fine spray or mist. Under these circumstances the Bordeaux mixture reaches the plants in a number of fine streams which fail to cover the leaves as a mist or fog would do, but run down between the stalks and accumulate at the base of the plants. The presence of the mixture there is indicated by the blue-green appearance of the base of the celery.

This trouble may be obviated by the use of an efficient apparatus working under a pressure of 150 pounds or more. As soon as the leaves are thoroughly covered with a mist of the mixture, the spraying should be stopped. This allows the mixture no opportunity to run down the stalks. As for the leaves, when there are copper salts upon them they should not be eaten.

The investigations by the department show that with proper precautions there is no reason why spraying to prevent blight should result in the accumulation of copper. For this reason the department has warned growers against marketing celery with cop-

per in undue amounts upon it. The consumer also is advised, in cases where there is any reason to suspect an accumulation of copper, to break up the bunches of celery and scrub the stalks thoroughly. This will remove practically all the copper and there will be no danger of bad effects.

Carrots in England.

A farmer at Besthorpe, Nottinghamshire, Eng., successfully demonstrated during the 1915 season the value of carrots, both for home use and as a money crop. The experiment, according to Consul C. M. Hitch, was made on nine and a half acres of light, sandy soil, although the results would have been better on a heavier soil.

In February, 10 tons of manure were scattered broadcast over the land, and thoroughly plowed in, and in the following month 500 pounds of salt per acre was applied. A top dressing of fertilizer was applied at various points during the month of June. Where there was no top dressing, the yield was 16 tons of carrots per acre. On that portion of the land where a top dressing of 250 pounds of superphosphate and nitrate of soda was applied, the yield was 18½ tons per acre. The top dressing was applied on June 22, and on another portion of the land a second top dressing of 100 pounds of nitrate of soda was applied on July 15, which brought the yield up to 20½ tons per acre. These weights are all for good roots marketed, and do not include small roots that were kept for farm consumption.

The price obtained for the carrots was \$15 per ton, which is considerably below what they are selling for at the present time. Based on an average yield of 18 tons per acre, the farmer realized \$270 per acre or a total of \$2,565 for the 9½ acres.

Northampton, Mass.

A unique feature in Butler & Ullman's show window last week was a Shakespearean garden, which appealed strongly to admirers of the immortal bard. It was a fine piece of advertising, for "Hamlet" was played to crowded houses all the week in the Municipal theatre, opposite their store. The various plants and flowers were neatly labelled with Shakespeare's reference to them. Amongst those noted were the box and bay trees, bachelor's buttons, carnations, cowslips, daffodils, lilies, marigolds, pansies, pinks, primroses, roses and weeds. It was a very happy idea and called forth much favorable comment. Business has been very good, with the parcel post service a growing feature. On Sunday last, the public was invited to view the display of Easter plants at their greenhouses, and a good number availed themselves of the opportunity.

H. E. D.

Horticultural Society of New York.

The fall exhibition of the above society will be held at the American Museum of Natural History, New York, November 9-12. The schedule is now being prepared. The section of this covering chrysanthemum bush plants has been completed and is as follows:

Classes A-1 to A-4 covering yellow, white, pink, any other color, respectively—First prizes, \$50; second prizes, \$35. Class A-5, anemone or single, any color—First prize, \$30; second prize, \$15. All of the above in not less than 14-inch pots.

Classes A-6 to A-9 covering yellow, white, pink, or any other color, respectively (in not more than 14-inch pots)—First prizes, \$25; second prizes, \$15.

Class A-10, specimen standards, not less than four feet in diameter, and not less than three foot stem, any color—First prize, \$20; second prize, \$15.

Class A-11, specimen, odd shape, any color—First prize, \$20; second prize, \$15.

When the remainder of the schedule is completed announcement of the fact will be made.

GEORGE V. NASH, Sec'y.

GREENVILLE, MICH.—The Greenville Floral Co. has filed papers asking permission to increase its capital stock to \$50,000, reorganization being necessary to take care of its rapidly increasing business. As soon as ground can be broken 80,000 feet of glass will be added to the range, which will give the new company 154,000 feet of glass for its operations.

500,000 Giant Argenteuil and Palmetto Asparagus Roots

grown from selected seed, 500,000 Jersey Sweet Potato Plants, red and yellow. 50,000 Vineland Bush Sweet Potato Plants, no vines. 100 lbs. each Ruby King and Pimento Pepper Seeds. 25,000 Gladiolus Bulbs. 10,000 Rhubarb Roots. All other vegetable plants in season. Write for what you want. No catalogue.

I. & J. L. LEONARD, Iona, N. J.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

"Market Gardening"

An elementary text book containing 102 pages. 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Thorburn's Tuberoses

Dwarf Double Pearl

4½ to 6 inches

\$8.50 per 1000.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz. ..\$2.25

Price list on application. Cash with order

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence SOLLICITED. SWEDSBORO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

L. CLAUSE

(Established 1796.)

BRETIGNY - sur - ORGE (S. & O.)
near Paris, France.

Grower and exporter of

HIGH CLASS SEEDS

for the wholesale trade.

Just the grade of seed you need, if you sell
to market gardeners.

Will send over early in May next his travel-
ing salesman, Mr. Jacques Courtine, to call
on the American trade.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Always mention The American Florist
when writing. : : :

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. San Fran-
cisco, Denver, Chicago, Hamilton
(Ont.), or New York.

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

17 Murray St., NEW YORK

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite Bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

BANGOR, ME.—Samuel R. Prentiss has been appointed park commissioner for this city.

FARMERS' BULLETIN No. 709 is devoted to Muscadine grapes, 28 pages with numerous illustrations.

ST. LOUIS, MO.—The Westover Nursery Co. has filed articles of incorporation. The capital stock is \$5,000.

SYRACUSE, N. Y.—An office and show-room at 412 South Salina street will be opened by Chas. A. Stewart, who conducts a nursery on Glen avenue.

NORTH ABINGTON, MASS.—W. H. Wyman, proprietor of the Bay State Nurseries, has acquired 30 acres of land at Rockland, Mass., and will use same for nursery purposes.

SEATTLE, WASH.—Gust V. Peterson and Eugene N. Sandahl, both well known in the nursery business here, have consolidated and will have headquarters at First avenue and Denny way.

LOS ANGELES, CALIF.—The Roeding & Wood Nursery Co. will concentrate all its efforts at its extensive establishment at La Habra, having disposed of its ornamental nurseries at Laguna.

SCOHARIE, N. Y.—F. A. Guernsey & Co., Inc., with a capital stock of \$25,000, have engaged in business. In addition to nursery stock, there will be departments for seeds and florists' supplies.

"THE Cherry and Hawthorn Sawfly Leaf-Miner" is the title of Bulletin No. 411, issued by the New York agricultural experiment station, Geneva, which treats of the history and methods of control of a pest that makes its appearance during early May and causes damage to sour cherries, especially the English Morello variety.

Royal Grapevine Has Record.

James Jack, keeper of the famous grapevine at Hampton court palace, near London, England, has retired after 32 years' active service as chief custodian of the king's vine. The vine was planted in 1768 by "Capability" Brown, the famous landscape gardener of the eighteenth century. The vine is now considered one of the finest in the world. It stretches in wide, perfectly trimmed squares, 80 feet by 26, the whole length and breadth of the greenhouse. Two hundred bunches of grapes from it are sent to King George at Windsor every year. The grape is the old Black Hamburg. Some years ago 12 bunches were shown at an exhibition of the Royal Horticultural Society and were awarded the Hogg memorial medal for special excellence and culture. Two of the bunches weighed three pounds and fourteen ounces each, and the whole 12 weighed about 42 pounds, an average of three and one-half pounds each.—General Press.

Nursery Trade Terms.

The uniform trade terms advocated by the American Association of Nurserymen are as follows:

"All bills payable net 60 days from date of invoice with discount two per cent 10 days, one per cent 30 days.

"Late fall shipments intended for spring trade, June 1, net or four per cent discount 30 days from date of invoice.

"For cash in advance, a three per cent cash discount is allowed.

"All wholesale prices are for goods in nursery, packing extra.

"No claims for rejections or deficiencies will be entertained unless made within 10 days after arrival of goods."

Washington, D. C.

BUSINESS HOLDS UP WELL.

As a rule, business always takes a drop before Easter, but at present writing it is exceptionally good in all branches. Stock has been plentiful and at prices that satisfied everybody. American Beauties could be had at prices ranging from \$1.50 to \$5 per dozen, the latter price for the very best stock. Other roses, such as Kil-larneys of all kinds, Ophelia, Ward, Radiance, Shawyer, Mock and Russell were quoted from \$3 to \$12 per 100. Carnations of the best quality sold for \$3 per 100. Gardenias were plentiful, as were also jonquils and tulips. Orchids were the item that was scarce. There seems to be plenty of flowering plants for Easter, such as azaleas, ramblers of all kinds, fine lilac plants and the rhododendron plants are extra fine. The stores look forward to a heavy sale on this special plant. Each year the department stores stock up with azaleas and pot lilacs, but during the past week, one of the local 10-cent stores had a special sale of jonquils at 10 cents per dozen.

JAPANESE TEA GARDEN

—AND—

ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd.
CHICAGO.

NOTES.

The two bowling teams representing the florists in the Atlantic Coast bowling tournament were those of Gude Bros. and Geo. C. Shaffer. They failed to get in the money, but there was a good excuse—there were so many ladies present it kept the "boys" busy giving out roses and carnations to the fair sex.

In a contest for window decoration arranged by one of the local newspapers, George C. Shaffer won first prize, Gude Bros. being second. Competition was keen and all who entered deserve credit for the excellent showing made.

Theo. Diedrick is sending in some of the finest pink and yellow snapdragons ever seen in this city. G. C. D.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Nature Reproductions

Of Fruits, Flowers and Ornamental Shrubs

We have a stock of Plates on hand

We design and print catalogue covers. Write us.

Christy Color-Printing-Engraving Inc.

183 St. Paul St.,

ROCHESTER, N. Y.

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....		10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....		12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....		15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....		18.00

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....		42 to 45.....	4.00	48.00
9-in. cedar tub.....		45 to 48.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa.
Jenkintown.

Mention the American Florist when writing

COTTAGE MAID

A Sport of

MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

MISS THEO

THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP.

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000.

Littlefield & Wyman
NORTH ABINGTON, MASS.

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Carnation Cuttings

Can supply you with as many as you need
in the following varieties of the usual
fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
White Enchantress.....	2.00	18 00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
Washington.....	2.00	18.00
Beacon.....	2.50	20.00
Champion.....	2.50	20.00
Joy.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3 00	25.00
Milady.....	4.00	35.00

BENCH PLANTS

White Killarney - - \$50.00 per 1000

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Some Fine Stock.

2 1/4-in. FUCHSIAS, 15 varieties..	100	1,000
2 1/4-in. MARGUERITES, 3 vars..	2.50	22.50
2 1/4-in. HELIOTROPES, 3 vars..	2.50	22.50
2 1/4-in. DOUBLE PETUNIAS, 15 varieties	3.00	25.00
3 1/4-in. GERANIUMS, any color, full of bud and bloom	7.00	65.00
2 3/4-in. VERBENAS, finest mixed.	2.50	22.50
2 1/4-in. CHRYSANTHEMUMS, 24 varieties	2.50	22.50
2 1/4-in. CYCLAMENS, 8 varieties	6.00	55.00
2-in. AGERATUM, 4 varieties	2.25	20.00
2 1/2-in. SALVIA, Bonfire and Splendens	2.50	22.50
2 1/4-in. CUPHEA, Cigar Plant..	2.25	20.00
and an abundance of other stock.		

If you have not received our Wholesale Price List offering Spring Bedding Stock and Vegetable Plants by the Million at Bargain Prices, write for one at once.

Alonzo J. Bryan, Wholesale Florist, Washington, N. J.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market. Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100, \$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Mention the American Florist when writing

Cycas Stems

NEW STOCK ALL SIZES

Prices: 100 LBS. @ 8¢
500 LBS. @ 7 1/2¢



VAUGHAN'S SEED STORE
CHICAGO NEW YORK

BOXWOODS—Most Beautiful Stock

Pyramids, 2-ft.....	\$1.00 each
Pyramids, 2 1/2-ft.....	1.50 each
Pyramids, 3-ft.....	2.00 each
Pyramids, 3 1/2-ft.....	2.50 each
Standard Shape, 14x14 in..	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

Ornamental Stock of Quality

CAN SUPPLY QUANTITY OF FOLLOWING ITEMS:

Azalea Mollis, bushy plants with plenty of buds—
12 to 15 in. high at 35c each, \$4.00 per doz, \$30.00 per 100.
15 to 18 in. high, at 45c each, \$5.00 per doz, \$40.00 per 100.

Boxwood—Pyramids, 36 in. high, very fine, \$1.75 each; 42 in. high, very fine, \$2.25 each; 48 in. high, very fine, \$3.25 each; 54 in. high, very fine, \$4.00 each.

Rhododendrons, best hardy named sorts, bright foliage and full of buds, 18 to 24 in. high, 75c each, 24 to 30 in. high \$1.00 each. These cover the entire list of Parson's Hardy Hybrids.

Seedling Rhododendrons, mixed colors, 18 to 24 in. high, very bushy and full of buds, 55c each, 24 to 30 in. high, and correspondingly bushy, 70c each.

Aristolochio Sipho (Dutchman's Pipe), Extra strong plants, 4 ft. of tops, 25c each, in any quantity.

Hydrangea, Paniculata Grandiflora, Tree form, 3 to 4 ft. bodies, fine heads, \$25.00 per 100. Bush form, 3 ft. high, \$10.00 per 100.

Hydrangea, Arborescens Grandiflora Alba, 3 to 4 ft. high, bushy, \$20.00 per 100, 2 to 3 ft., bushy, \$14.00 per 100.

Barberry, Thunbergii, 18 to 24 in. high, very bushy, \$7.00 per 100; 15 to 18 in. high, very bushy, \$5.00 per 100.

Privet, California, very bushy, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, at \$3.00 per 100.

Privet, Amurensis (Amoor River, Hardy Northern Type), 18 to 24 in., \$5.00 per 100; 24 to 30 in., \$7.00 per 100.

THE STORRS & HARRISON CO.,
PAINESVILLE, OHIO.

"IRIS PALLIDA DALMATICA"

The Finest of All German Iris

Beautiful large lavender; suitable for cut flowers as well as for the garden. Strong divisions \$10.00 per 100; large quantities at special prices. Now is the time for planting.

J. A. PETERSON & SONS,
WESTWOOD, CINCINNATI, OHIO.

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder.....	3.00	25.00
Alice	6.00	50.00	White Enchantress.....	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

TRANSPLANTED PANSIES

\$0.75 per 100.

Pansy Plants, Giant Flowering, \$2.50 per 100.
Colcus, 10 varieties \$2.00 per 100.
Verbenas, Petunias, Salvia, ready Apr. 20.
S. A. Nutt Geraniums, 2 1/2 in. pots—\$3.00 per 100.
Geraniums, assorted varieties, 2 1/2 in. pots, \$2.75 per 100.
Vinca Vines, 3 1/2 in. pots, \$6.00 per 100.

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JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

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10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

ALYSSUM, Little Gem, thumb pots, 1½c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

ASP. PLUMOSUS, thumb pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus roots, 500,000 Argenteuil and Palmetto, from selected seed. I. & J. L. Leonard, Iona, N. J.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS for Easter blooming. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervane, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

BARBERRY.

Barberry, Thunbergii, 18 to 24 in. high, \$7 per 100; 15 to 18 in. high, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50

ERNEST ROBER, Wilmette, Ill.

BEGONIA CHATELAINE FINE BUSHY STOCK IN FULL BLOOM FOR EASTER

	Per 100
4-inch	\$15.00
3-inch	8.00
2-inch	4.00
Rooted cuttings, by mail, \$1.75 per 100; by express, \$1.50 per 100; \$12.50 per 1,000.	

J. L. JOHNSON, De Kalb, Ill.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00

JULIUS ROEHR'S CO., Rutherford, N. J.
Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias, grown from the finest, large flowering strains. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia, Gloire de Chatelaine, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, tuberous rooted, single and double sorts. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias. For varieties and prices see advertisement elsewhere in this issue. Pyfer & Olsem, Wilmette, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegheny, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood—Pyramids. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement elsewhere in this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Cannas. Strong, fresh dormant roots, 2 and 3 eyes each. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington, 128 Chambers St., New York.

Canna plants, including Firebird, Humbert, etc. Prices right. Vaughan's Seed Store, Chicago and New York.

Cannas Bouvier, \$1.50 per 100; \$12.50 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS. Immediate Delivery.

	100	1,000
Aviator, scarlet	\$12.00	\$100.00
Pink Sensation	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00
25 or more at 100 rate.	250	or more at 1,000 rate.

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1,000
Mrs. C. W. Ward	\$2.00	\$15.00
Herald	2.00	14.00
Philadelphia	2.00	14.00
Dorothy Gordon	2.00	13.00
Washington	2.00	12.00
L. F. Enchantress	2.00	12.00
Victory	2.00	12.00
White Perfection	2.00	14.00
White Enchantress	2.00	15.00

From Soil
Afterglow 3.00 25.00
Mrs. C. W. Ward 3.00 25.00
J. A. BUDLONG,
184 N. Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS. Taken from the best stock sold in Chicago market. Ready for immediate delivery:

	100	1,000
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS.,

162 N. Wabash Ave., Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS.		
AT STOCK.		
	100	1,000
Peerless Pink	\$2.50	\$20.00
Enchantress	2.00	17.50

A. T. PYFER & CO.,

30 East Randolph St., Chicago.

Fine, healthy, rooted carnation cuttings.

Best obtainable, order early.

	100	1,000
Enchantress	\$2.50	\$20.00
White Wonder	3.00	25.00

SINNER BROS.,

158 North Wabash Avenue, Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterberg, 158 North Wabash avenue, Chicago.

Carnations. Enchantress, White Enchantress, Zoe Symonds, Philadelphia, Washington, \$2 per 100; \$18 per 1,000. Beacon, Champion, Joy, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations. Belle Washburn, Nebraska. Alice Coombs, Nancy, Miss Theo., \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations. White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations. Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CELERY PLANTS.

CELERY PLANTS. Golden self-blanching. (French strain), fine plants, ready now, \$2.00 per 100. Cash. Special prices on large lots. Brill Celery Garden, Kalamazoo, Mich.

CHRYSANTHEMUMS.

WHITE		
	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
Early Frost	5.00	50.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	2.00	15.00
Alice Byron	2.50	20.00
Wm. Turner	2.00	20.00
Chas. Razer	2.00	15.00
Linwood Hall	2.00	15.00

YELLOW

Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	.....
Bonnafon	2.00	15.00
Nazova	2.50	20.00
Daily Mail	6.00	.....

PINK

Amorita	2.00	15.00
Chieftain	2.00	15.00
Mniece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00

CRIMSON

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J. D. THOMPSON CARNATION CO.,

Joliet, Illinois.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

FINE ROOTED CHRYSANTHEMUM CUTTINGS

Out of Soil.

	100	1,000
Major Bonnaffon	\$2.00	\$18.00

WIETOR BROS., Chicago, Ill.

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 25¢ at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

Chrysanthemums, 24 varieties, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

COREOPSIS GRANDIFLORA.

COREOPSIS GRANDI. Nice field-grown stock, 60c doz., \$4.00 per 100. ALLEGHENY NURSERY CO., Cheswick, Pa.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS: Yellow Queen, Lyndhurst, Nymphaea, Storm King, strong divisions, \$3.00 per 100. J. L. Johnson, De Kalb, Ill.

DAHLIAS. Lyndhurst, Nymphaea, strong divisions, \$3.00 per 100. J. L. JOHNSON, De Kalb, Ill.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR. 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

EASTER PLANTS.

American Beauties. In 5½ and 6-in. pots, 35c and 50c each. Begonia Chatelaine, 2½-in. pots, \$3.50 per 100; 3-in. pots, \$8 per 100. Hyacinths, in all colors, 4-in., 10c each. Hyacinth bulbs, in pans, 30c, 40c, 50c and 60c each. Spiraea, Gladstone and Queen Alexandra, 40c, 50c, 75c and \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$8 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$8 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

QUALITY FERNS.

Boston, Roosevelt, Springfield, 3-in., \$5.50; 4-in., \$7.50; Whitman, 3-in., \$5.50. Good Stocky plants. Samples 25c, deduct from first order. Cash with order.

BERNO FLORAL CO., Orlando, Fla.

Ferns, Teddy Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000. Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

FERNS. From 2-in. pots, Boston, 3c; Roosevelt, 4c; Teddy Jr., 5c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Ark., Minn.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS

	100	1,000
S. A. Nutt, dark red	\$1.25	\$12.00
Double Gen. Grant, bright red	1.25	10.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink	1.50	14.00

THE W. T. BUCKLEY CO., Illinois.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Vland and Poitevine, 2½-in., \$2.50 per 100; \$22 per 1,000. 3-in., \$6 per 100; \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neesho, Mo.

20,000 geraniums, S. A. Nutt, large 3-in stock, \$5 per 100.

J. A. BUDLONG,

184 N. Wabash Ave., Chicago, Ill.

GERANIUMS. Fine stock plants, bud and bloom. S. A. Nutt, Ricard, Jean Vland, White Buchner, 4-in., 8c; 3½-in., 7c. Fine stock. Cash with order. GUS SCHLEGEL, Olney, Ill.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, all leading varieties in bud and bloom, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

GLADIOLUS BULBS.

All first size, except where noted.

	1,000
America, 1st size	\$ 7.50
America, 2nd size	4.50
Baron Hulot, 1st size	8.00
Brenchleyensis, 1st size	7.00
Empress of India, 1st size	15.00
Europe, 1st size	30.00
Faust, 1st size	9.00
Gladiol	7.50
Glory of Holland, 1st size	7.50
Halley, 1st size	10.00
Hollandia, 1st size	8.00
Mrs. Francis King, 1st size	8.00
Lily Lehmann, 1st size	8.00
Pink Beauty, 1st size	7.00
Princes, 1st size	7.00
Primulus Hybrids, 1st size	8.50
Groff's Hybrids, mixed, 1st size	7.00
Attraction, 1st size	10.00
Panama, 1st size	26.00
Niagara, 1st size	30.00
Fine mixed, 1st size	5.50
XXX Mixture, 1st size	9.00

The above are strictly first-class bulbs in every respect, bought for our retail trade, but we have too many of them and until our stock is sufficiently reduced, we will sell at the above sacrifice prices.

ELLIOTT NURSERY CO., Pittsburgh, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GLADIOLI.

Gladioli, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1 1/4 to 1 1/2 in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS**HARDY PERENNIALS.**

Buddleia variabilis, 2 1/2-in. Per 100 \$6.00
 Boltonia asteroides, field clumps 3.00
 Achillea the Perle, field clumps 2.00
 Achillea Boul. de Nige, field clumps 3.00
 Aquilegia Skinner, field clumps 4.00
 Helianthus Maximilian, field clumps 4.00
 Ranunculus Repens, field clumps 3.00
 Monarda didima, field clumps 3.00
 For less than 25 of one variety add 1c each. Cash please. No charge for packing.
 A. KLOKNER, Wauwatosa, Wis.

HELIOTROPE.

Heliotrope, 2 1/2-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS.

Hydrangeas, paniculata grandiflora and Arborescens grandiflora alba. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS. Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

IRIS SIBERICA, royal purple and white, good dimensions, 2c; extra large, 3c. Germanica, one to three for extra size sorts. M. L. McCLAVE, Benton Harbor, Mich.

Iris Pallida dalmatica, strong divisions, \$10 per 100. J. A. Peterson & Son, Westwood, Cincinnati, Ohio.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage, Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$6 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pligs. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 17 Murray St., New York.

MOONVINES.

Moonvines, vetchias, geraniums, alternantheras, lemon verbena, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, allysum, coleus; Salvia Bonfire and Zurich, Cuphea, lantana, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2 1/2-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2 1/2-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MYOSOTIS

20,000 FORGET-ME-NOTS (Myosotis). Good, well-rooted plants, 25 sample plants, 25c; 100, 75c; 1,000, \$5.00. Parcel post, prepaid. 500 at 1,000 rate. Clumps, 5 to 10 plants each, \$2.50 per 100, express. M. L. McCLAVE, Benton Harbor, Mich.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ONION SETS.

Onion Sets, Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**SPECIAL OFFER.**

2,000 seeds by mail for \$1.00. 200 Asparagus plumosus, 200 Asparagus Sprengerii, 200 Dracaena australis, 200 Ampelopsis Veitchii, 150 Chamerops excelsa, 150 Washingtonia robusta, 100 Cobaea scandens, 100 Australian pea vine, 100 Cassia artemesoides, 100 genista canariensis, 100 Acacia Baileyana, 100 Spartium junceum, 100 pepper tree, 100 Freesia Purity, 100 African daisy. GEORGE LEAVER, P. O. box 1049, Los Angeles, Calif.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S Co., Rutherford, N. J.

Kentia Belmoreana, 2 1/2-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants. Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$10.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES. Large flowering, strong, stocky, transplanted plants; all in bloom and bud, \$1 per 100; \$9 per 1,000. Cash with order. GUS SCHLEGEL, Olney, Ill.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANSIES, out of cold frame, fall transplanted Danish seed. Any quantity, \$1.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, Giant ruffled and Rosy Morn, 2 1/2-in., \$2.50 per 100. The Storrs & Harrison Co., Painesville, O.

Petunia, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup canna, 2 1/2c. Get list. Prices right. BENJ. CONNELL, florist, Merchantville, N. J.

PRIVET.

Privet, California, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, \$3 per 100. Amurensis, 18 to 24 in., \$5 per 100; 24 to 30 in., \$7 per 100. The Storrs & Harrison Co., Painesville, O.

PRIVET, 50,000 California Privet, 18 to 24-in., 2-3 and 3-4 ft. Special bargain prices. Quotations on request. H. F. Hillenmeyer & Sons, Lexington, Ky.

RHODODENDRONS.

Rhododendrons, best hardy named sorts, 18 to 24 in. high, 75c each; 24 to 30 in. high, \$1.00 each. Seedling rhododendrons, mixed colors, 18 to 24 in. high, 55c each; 24 to 30 in. high, 70c each. The Storrs & Harrison Co., Painesville, O.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**YOU NEED THE BIG MONEY MAKER, CHAMP WEILAND.**

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequalled by any other "sport" creation of recent years. Take the tip—grow "Champ Weiland." Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1,000 for \$300.00.

MRS. CHAS. RUSSELL.

We have an elegant stock of the above, and offer grafted plants at \$14.00 per 100; \$120.00 per 1,000; own root, \$12.00 per 100; \$100.00 per 1,000.

WEILAND & RISCH,

154 N. Wabash Ave., Chicago, Ill.

ROSES, 2 1/2-inch grafted and 2 1/2-inch own root plants for March delivery.

	2 1/2-in. Grafted.	2 1/2-in. Own Rt.
	Per 100	Per 1,000
Russell	\$120.00	none
Killarney	100.00	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Ophelia	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., ILLINOIS.
 MORTON GROVE.

FINE 2 1/2-INCH ROSE PLANTS.

	100	1,000
Ophelia	\$4.50	\$40.00
Sunburst	3.50	30.00
White Killarney	3.00	25.00
Pink Killarney	2.50	20.00
Richmond	2.50	20.00

Two-Year-Old Bench Plants.
 White Killarney

Pink Killarney

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG,

162 North Wabash Ave., Chicago.

ROSES—DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now. \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

	100	1,000
Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00

J. A. BUDLONG,

184 North Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses, 2½-in.: Killarney, Milady, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000. Bench plants, White Killarney, \$50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rambler Roses, hydrangeas, daisies, heaths, bougainvilleas, boronias, ferns, crotons, etc. Write for price list. Thomas Roland, Nahant, Mass.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Bonfire, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Specialties. Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Piedricktown, N. J.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Bretigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Tree, shrub and palm seeds. Also seeds of California native plants. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Boigiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

SENECIO.

DUSTY MILLER, thumb pots, 1½c. Cash. E. C. BLAKE, R. D. No. 4, Springfield, O.

STRAWBERRIES

STRAWBERRIES. 100,000 Progressive ever-bearing strawberry plants, \$1.50 per 100, postpaid; by express, \$1.25 per 100; \$10.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWEET PEAS.

If you are interested in winter orchid-flowering sweet peas, see them at The National Flower Show, Philadelphia. I will be there personally to answer any questions. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

SWEET WILLIAM.

SWEET WILLIAM. Good field-grown stock. 50c doz., \$4.00 per 100. ALLEGHENY NURSERY CO., Cheswick, Pa.

TUBEROSES.

Tuberose, Double Pearl, \$12.50 per 1,000; S. Armstrong, \$13 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Tuberose, Dwarf Excelsior, Pearl, 30c per doz., \$1.75 per 100; \$15 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Tuberose, dwarf double pearl, 4½ to 6-in., \$8.50 per 1,000. J. M. Thorburn & Co., 53 Barclay St., New York.

Tuberose, 4-6 inches, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. I. N. KRAMER & SON, Cedar Rapids, Ia.

VINCA VARIEGATA. Fine, bushy plants, established 3-in., \$5.00 per 100. Extra heavy 4-in., with long vines, \$10.00 per 100; \$90.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, O.

Vinca Vines, 3½-in. pots, \$6 per 100. Jos. H. Cunningham, Delaware, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Supreme Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Catalogues and catalogue covers. Nature reproductions of prints, flowers and ornamental shrubs. Write us. Christy Color-Printing Engraving, Inc., 183 St. Paul St., Rochester, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Commercial Humus, just what you need for pot plants. 10 100-lb. bags for \$5. Commercial Humus Co., 509 Firemen's Bldg., Newark, N. J.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Greenhouse glass. Write for prices, stating size and quantity required. C. L. Dickmann Glass Co., Muskogee, Okla.

Wire hanging baskets. For sizes and prices see advertisement elsewhere in this issue. Geo. H. Angermueller, St. Louis, Mo.

Cemetery vases, 12 inches high, \$3 per doz., barrel of 3 doz., \$7.50. Vaughan's Seed Store, Chicago and New York.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchinson & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Gariand Manufacturing Co., Des Plaines, Ill.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High avenue, S. E., Cleveland, Ohio.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Boilers OF HIGH GRADE.... For GREENHOUSES

See Our Catalogue.

Steam and
Hot Water

GIBLIN & CO., Utica, N. Y.

SPECIAL QUALITY

Greenhouse Glass

Write for prices—stating sizes and
quantity required.

C. L. Dickmann Glass Co.

Carloads or less. MUSKOGEE, OKLA

Nassau County Horticultural Society.

The regular meeting of the above society was held in Pembroke hall, Glen Cove, N. Y., Wednesday evening, April 12, at 7 o'clock. Through the summer and autumn months the meetings will be held at this time instead of in the afternoon as has been the custom during the winter. In the absence of President James McDonald, Vice-President Joseph Adler presided during the meeting. A letter was received from Harry Jones, who has been secretary of this society for the past year and a half, stating that as he had moved to a point some distance from Glen Cove, he felt it advisable to resign from that position. Mr. Jones has been a most efficient and hard working official, and it was with the sincere regret of all the members that his resignation was accepted. Henry Gibson, of Roslyn Heights, was elected secretary for the remainder of the year.

A letter was received from the International Garden Club, requesting the co-operation of this society in regard to the open air flower show, which the Garden Club is arranging to hold in June. Offers of two prizes were received for our coming rose show; one for a collection of 12 peonies, and the other for a collection of vegetables. An essay on "Estate Management and College Education," by Morrel Smith, of New York, was received from the National Association of Gardeners. It was listened to with great interest and a lively discussion followed its reading.

Samuel Trepas read a most interesting paper on "Peaches Under Glass." He went into his subject in a most thorough manner and it was full of practical information. At the conclusion of the essay, Mr. Trepas answered a number of questions pertaining to peach growing which were asked by some of the members. He exhibited a grafted peach tree and also some fruiting wood and non-fruiting wood of the peach.

Schedules for the tulip show and the rose show, which had been drawn up by the executive committee, were read and adopted. It was decided to hold the tulip show during the week of May 14, the exact date to be announced later, and to hold the rose show June 14.

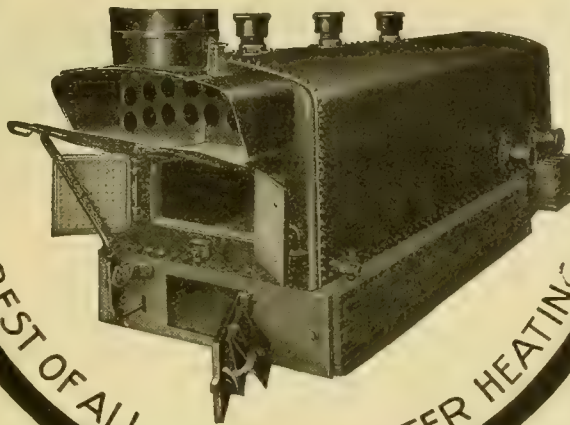
Henry Gaut, George Gilder and Thomas Twigg were appointed as judges of the exhibits and made the following awards: Best three heads of lettuce, Harry Goodband; best 12 roses, John Everett; best 12 sweet peas, James McCarthy. Vase of Spencer sweet peas, exhibited by Peter McLeod, certificate of culture. Bunch of violets exhibited by William Noonan, honorable mention.

JAMES MCCARTHY, Cor. Sec'y.

PAWTUCKET, R. I.—The land and greenhouses of the Lapham Floral Co. are to be sold, April 25, at public auction, by order of the mortgagee.

SEND FOR
CATALOGUEDO IT
TODAY

THE KROESCHELL GREEN HOUSE BOILER



BEST OF ALL FOR HOT WATER HEATING

Kroeschell
Bros. Co.452 WEST
ERIE ST.,
CHICAGO

Mention the American Florist when writing



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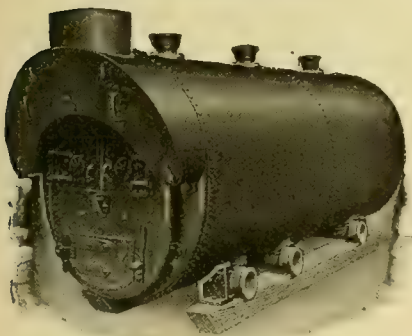
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Vol. XLVI.

CHICAGO AND NEW YORK, APRIL 29, 1916.

No. 1456

THE AMERICAN FLORIST

ESTABLISHED 1885.

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The Dream of May Time.

Let's dream of the May time,
When, after the snow,
We'll reach the green meadows,
Where white daisies grow,
And hear the birds singing
Just all that they know!

Let's dream of the May time,
When earth shall be bright
As it was in its morning
When God gave it light,
With its roses of red
And its lilies of white.
—Atlanta Constitution.

MOTHERS' DAY.

First Suggested by The American Florist, May 16, 1908.

An Interview With the Founder.

In a recent interview with Miss Anna Jarvis, the founder of Mothers' day, it was apparent that she has lost none of her enthusiasm for the move-
ment, is still engaged in getting up and
having published, window cards, pro-
grammes of exercises for the proper
celebration of the day in churches and
Sunday schools, and other literature,
in addition to attending to much cor-
respondence from all parts of the
country in connection with the
Mothers' Day International Associa-
tion. The official window card, badge
and programme are copyrighted, as
are the words Mothers' day, when used
in connection with any literature or
celebration of the day. She now sees
more possibilities and a greater future
for the day than at any previous time.
Unassisted, and practically without
financial assistance from any quarter,
she has carried on this work, giving
up her whole time and energy at
certain seasons at an expense of thou-
sands of dollars. Financially she has
not been benefited in the slightest
degree, being satisfied with her suc-
cess when the movement became
popular and country-wide in its obse-
rance.

She feels now, however, that the
time has arrived when those who have
profited, florists particularly, should
come forward and assist in the further
advancing of this beautiful custom.
She has plans for future exploitation,
the result of past experiences, from
which she expects great publicity. She
not only gets every piece of matter
that she sends to the papers pub-
lished, but is obliged to decline re-
quests for articles from magazines
many of them with large circulation,
on account of the great pressure on
her time. Had she a small office
organization, very much more pub-
licity matter could go out.

Florists should become associate
members of her association, and by

their dues help in the great work. In-
stead of getting out literature of their
own they would be furnished with
official advertising matter, window
cards, etc., bearing the official stamp,
that will be found much better than
any gotten up by personal effort. If
the florists of the country would con-
tribute annually, according to their
volume of business, even a very small
amount each, the total would make
a sum that in the aggregate would
run into the thousands. No one would
feel it, but the resultant increased
business would prove the money in-
vested to have been wisely spent.

McKinley day is cited as a move-
ment that failed because it had no
organization behind it. Memorial day,
beautiful as it is in its patriotic senti-
ment, is already beginning to die out
in some sections of the country. It
has never been brought out to its
full possibilities, and should have an
organization looking after its interest,
working up sentiment until it becomes
one of the nation's greatest holidays,
not only for the decoration of soldiers'
graves, but making it the custom for
all others, as is the practice in the
neighborhood of Boston.

Referring to the efforts of some to
change the emblem chosen by Miss
Jarvis, the white carnation, to any
other flower just as good, she was
very outspoken. It was the white car-
nation that had built up their busi-
ness; when they were all sold, then
people would buy other flowers—their
mother's favorite flower—but, the white
carnation was her mother's favorite
flower—and she would always insist
that this is to be the Mothers' day
flower. The following letter was re-
ceived from Miss Jarvis a few days
prior to this interview and is inserted
here as it embodies her views in her
own words:

"The Mothers' Day Association
should first be asked for facts, and
florists should remember that this
association is their best Mothers'

day friend and try to meet its wishes. Let the people who have made Mothers' day a big success, keep on making it a greater success. Do not attempt to run the Mothers' day movement yourself by getting out printed matter, changing an emblem that has made a big opportunity for you, or increasing the association's work by your opposition to its wishes. Great expense is required for the Mothers' day movement as a big affair, and not only should the leaflets, official poster, etc., be used by florists, but they should annually help the cause through generous contributions."

With the prestige of Miss Jarvis' name, together with her entree to the press of the country, it would appear to be very good business for the trade to get together, and in recognition of the great work she has done for the craft, contribute liberally to the support of her organization. Miss Jarvis is capable, willing and very enthusiastic in all movements for the expansion of Mothers' day, but is handicapped for lack of money. Were a movement to collect such a fund inaugurated—and right now is the time—every member of the craft should be anxious to contribute as he has felt benefited and thus lay the way for still greater prosperity. With these facts before you, florists of the country, what say you? Who will be the first to send in his contribution?

K.

Shipping and Delivery Labels.

The florist with a shipping and delivery trade is very liable to run out of address labels when business becomes brisk at any special season, and it is well to look into the stock now and order a new supply to cover the busy season close at hand. When there is occasion to use shipping labels they are needed in a hurry, and there is no time to print them. For the purpose of florists, wholesale and retail, there is no more serviceable article than the Red Rose Leaf label adopted by the S. A. F., with the legend "Fresh Flowers" in large white lettering. This is a very attractive label and the size commonly used is $6\frac{1}{2} \times 4\frac{1}{2}$ inches. All special sizes can be made according to order. The American Florist Co., 440 South Dearborn street, Chicago, supplies the above size printed in two colors, red and black, on good gummed paper, your business card and the leaf, at \$4.50 per thousand, 500 for \$2.85. This label is known to express and railroad men all over the country and they fully understand the perishable nature of packages bearing this label and deliver them quickly to avoid the costly risk of losses caused by delay.

Aeroplane Mail Service Proposed.

The United States postoffice department has advertised for bids upon contracts for providing for aerial mail service between various points in Massachusetts and also in Alaska. The action is taken to improve mail service and to stimulate the science of aviation. The proposed route in Massachusetts is from New Bedford to Nantucket with stops at Woods Hole and Oak Bluffs, the total distance being 56 miles. Seven routes are proposed in Alaska, the distances varying from 110 to 380 miles. October 1, 1916, is named as the date for beginning service.

THE RETAIL TRADE

Conducted by Robt. Kist, Philadelphia, Pa.

University of Illinois Exhibition.

Nearly 4,000 persons attended the fourth annual exhibition of floral arrangements staged in the Floricultural building, Urbana, Sunday afternoon, April 16. Not a better day could have been chosen, as the weather was ideal.

There were on exhibition many types of corsage bouquets made of various sorts of flowers. Wedding bouquets were also in evidence, including everything from the bridal bouquet to the flower girl's basket. The table decorations illustrated the use of different types of flowers. Besides this there were numerous baskets, funeral



John Mangel.

designs and sprays, box and vase arrangements, and feature bouquets.

This show is the work of students in Horticulture 32, a course in floral decoration required of all floricultural students. It is merely to give them an idea of what work of this type would be in a florist's establishment during a rush season. The students were assisted by Miss Emily Dörner of Lafayette, Indiana. A. G. H.

Co-Operative Advertising in Louisville.

One of the most attractive advertisements on the co-operative plan that we have seen for some time was a splendidly arranged full-page which appeared, April 19, in the Louisville, Ky., daily papers, over the names of a number of the "live wires" in the trade of that city. We have on previous occasions observed that the florists of Louisville thoroughly believe that "if you want business go after it," and all of their advertisements are so bright, well-illustrated, and so snappy as to text, that there seems no reason to doubt but that they are bringing the fullest measure of results. Flowers today—not for any special kind or for any special occasion—but today, to carry sunshine into the sickroom, to spread sunshine among friends, to gladden the hearts of the aged, to remind the wife with a few of her favorite flowers that she is still the sweet-

heart as of old, was the keynote of this advertisement. To quote a section of the text:

"Better do it today—tomorrow may be too late. It does not require a fortune to carry on the good work of flowers. A dollar will buy an abundance of fair blossoms—a dime will buy a rose, and remember—one rose now is better than a thousand later."

The names of the following well-known florists, with street and telephone numbers, followed: August R. Baumer, F. Walker & Co., Jacob Schulz, S. E. Thompson, E. G. Reimers & Son Co., The Rosery, M. D. Reimers and C. B. Thompson & Co.

John Mangel, Chicago.

The Chicago Evening American of April 21, in its "What America Did for Me" series, gives the following account of John Mangel, the well known Palmer House florist, of Chicago, with his portrait:

"I came to America from Sparta, Greece, in 1885, starting for Chicago the evening of the day I landed in New York. I was 18 years old and my total assets amounted to just \$3.50 after paying my railroad fare. Facing a new country with funds at such a low ebb, I remember distinctly, did not tend to depress me in the least—for I was completely carried away with America.

"Chicago seemed to me a paradise and I sensed in the wonders which crowded before my eyes—opportunity—a thing not to be dreamed of in my own country.

"I rented a room at the corner of State street and Jackson boulevard (known later as The Hub, but then a rooming house) and occupied it with three other foreigners. I lived on 25 cents a day for the first two weeks, but it did not seem a hardship. The day after my arrival here I invested \$2 of my \$3.50 in bananas, rented a cart for 25 cents and started in business on the sidewalk at the corner of Jackson boulevard and State street. The first day my profits were 40 cents, the next day 50 cents and so on until I was making from \$1.50 to \$2 a day. I enlarged my stock accordingly, and although I saved zealously I lived a little more substantially.

"At that time there was little provision for the immigrant to learn English. I was ambitious to talk 'American.' To accomplish this I listened intently to every word spoken on the street.

"A newsboy on the same corner with me assisted me greatly. He would read the headlines in the newspapers and I would repeat the words after him. In a year I could speak English, poorly, of course, but I felt that I had accomplished a great deal.

"As my capital increased I abandoned bananas for flowers and after the World's Fair I opened a florist's shop in the Stewart building. The late Marshall Field was one of my first and most encouraging patrons, frequently giving me an order for \$15 or \$20 worth of flowers.

"As the years passed and I moved into new quarters, Mr. Field followed with congratulations and big orders. About this time I began to dabble in real estate, and it proved as profitable as bananas and flowers, my present ownership of several buildings on the North Side being the result.

"Making money, however, was not my sole object in life. I had time for

romance—and I married a German girl and an immigrant, as glad to get to get to America as myself.

"I have been back to Greece three times. The utter impossibility for the poor to better their condition in that country seemed to me more deplorable each time. I congratulated myself on my escape and when sighting American shores again my heart overflowed with gratitude and patriotism.

"I owe to America much more than I can ever repay, but I have a boy who will be trained in a military school and if America ever calls him to fight for her he will be prepared."

Easter in New York Retail Stores.

Easter being so late, it was but reasonable to expect that much stock would be well advanced—and that was the case. We believe it was more noticeable in the pink roses, such as Dorothy Perkins; nevertheless, there was fine rose stock to be seen. In the training of the pot or rambler roses, many clever features were noted. There were many grown as standards, the shapes of the bushes varying with the taste and fancy of the grower. A man must have a good memory to keep in his mind's eye everything that he saw, one, two or three years ago, but the writer believes that along several lines, the plants were superior to any ever before seen in this city. We have heard much said about flower shows and "educating the people" in the use of flowers. Now, far be it from us to criticise the flower shows. They have their good features and are admirable in their way, but if education is what is needed, we can think of nothing more instructive than at Christmas or Easter, to go from one flower store to another in a great city, and view the handiwork, not of forty or fifty, but of hundreds of men. Returning to leading features, the acacias, bougainvilleas, rhododendrons, azaleas, genistas, hydrangeas and other plants were very fine, and thus far we refer to single plants. We shall again refer to various combinations. The word novelty may cover a wide range. In cut flowers it is supposed to mean a new and rare variety. While in plants, neither a geranium nor a fuchsia is a novelty, they are certainly novel when grown as standards six, eight or even ten feet high and beautifully flowered. At the store of Wadley & Smythe, 491 Fifth avenue, there was a fine collection of such plants, and many other good features.

Keeping up with the Easter business, and moving to a new store all within 10 days, is rather a strenuous undertaking, but J. H. Small & Sons managed it very well. They had from their Washington, D. C., greenhouses, an exceptionally fine stock of plants, crimson and other rambler roses and bougainvilleas being particularly noteworthy. If there were roses any better than theirs we did not see them.

G. E. M. Stumpp, Fifth avenue and 58th street, has an established reputation as a floral artist and illustrations of his work have frequently been seen in THE AMERICAN FLORIST. It is enough to state that he was fully up to, if not a little ahead of his previous efforts. He also carried a great stock of novel accessories and supplies, such as baskets, vases, flower dishes and other features.

Alexander McConnell, Fifth avenue and 49th street, it may be said in

passing, is one of the features in the retail business. When we reach his store we are sure to find interesting features, as he handles the best of stock. He had a large annex, that when Easter business opened, was filled with fine plants, noteworthy being lilies. However, they soon thinned out as business was good throughout the week. Many good features in baskets and combinations were seen in the main store.

At the store of Chas. A. Dards, Madison avenue and 44th street, there was a splendid display of fine stock which sold fast. At his other store, Columbus avenue and 72d street, the display was also very fine.

When we see Charles Thorley, Fifth avenue and 46th street, we are reminded of George Washington, because there are triumphs in peace as well as in war. Thorley is a big, brave and upstanding man in the florist business, who has made a success of it, and he never talks unless he has something to say. It is needless to add that he had a splendid Easter stock.

Myer, Madison avenue and 58th street, had very fine stock, better, we think, than he ever before handled. We shall later give more extended notice to his leading features. We may add, however, that as a graduate from Alexander McConnell's school, he could not go far wrong.

At the store of David Clarke's Sons, 2139 Broadway, many admirable features in plants and plant combinations were noticed. To drop into figurative language, the Clarke's are, "all wool and a yard wide" and if anybody can do business at Easter or any other time, they are sure to be among the leaders. Their Easter sales started early in the week and they had a great business.

Max Schling, 22 West 59th street, is a little fellow, but you should see him in action. He is yet a young man, but by persevering industry, he has established a great business. He is a live wire. He had a great Easter stock and was completely sold out on the night of April 22.

At Henry Hart's, 1000 Madison avenue, many fine features were noticed. This store is in the centre of a very fine residential district and good stock is always in demand. Fine bougainvilleas, genistas, hydrangeas, azaleas, lilies and other stock were very noteworthy and the window and other arrangements were fine.

Alfred Kottmiller, 426 Madison avenue, has an established reputation as a designer and decorator. He is public spirited, always exhibits at the flower shows and always takes prizes. He had an exceptionally fine stock and good business.

In the florist business, the name of Galvin is one to conjure with. We have known the Galvins at Boston and Newport, R. I., for many years. Now at Fifth avenue and 46th street, we find Thos. F. Galvin, Inc. Their clever manager, Mr. Deery and his assistant, Bob Clifford, had window decorations that caused all the people to stop and take notice.

The Easter display of Malandre Brothers, Broadway and 72nd street, was unsurpassed by anything seen in this city. They had the finest quality of stock and their arrangements were equally fine.

Costos Sakelos, the Colonial Florist, Broadway and 157th street, is another

florist who knows his business and had fine stock.

N. Christatos, Sixth avenue and 55th street, is an admirable man and his wife is a sunbeam. Their store was a great attraction. A. F. F.

Easter Stock in Philadelphia Stores.

A visit to the leading stores showed them to be fully up to the times. Novelties were noted here and there, but beautiful made up baskets and handsome specimen plants in pot covers, fancy jars, or decorated with mats were the rule. Ribbons and chiffons were extensively used to good effect. Uptown, downtown, Germantown, West Philadelphia, and the central city section, were all dressed in their best, each store a beauty spot, a delight to the visitors.

John Gracey presented a well selected stock, with lilies, hydrangeas, spireas, azaleas and roses predominating. Both his Twenty-sixth street store and Columbia avenue establishments, to each of which are attached large greenhouses, were filled with choice plants in medium sizes. Tulips and hyacinths in pans and pots were seen in quantity. Trellis boxes and well-filled baskets were a feature. Watering cards were attached to all spireas, hydrangeas and some other plants—an "anchor to windward" in case of trouble.

Julius Wolff, Jr., Nineteenth street below Columbia avenue, had his store, and greenhouse in the rear, filled with choice stock. Prettily arranged baskets, good color combinations, decked with appropriate ribbons, choice rhododendrons and azaleas, the pots covered with white mats, looked very salable. A skeleton willow basket with a white and green enamel finish and solid green inside tin, and a number of others of the same pattern in various colors, looked very good and were not at all expensive. Trellis boxes planted with heather and vines looked very chic.

J. J. Habermehl's Sons, Twenty-second and Diamond streets, have an ideal place to handle an Easter business. There are some eight or ten greenhouses with a wide connecting or corridor house, which with the large show house in the rear of the store, gives a grand chance for decorative effects. Prominent here were some large French hydrangeas in 14 to 16-inch tubs; these had been imported in the tubs in a dormant state and flowered in their houses. They were full of large heads of bloom, making wonderfully showy plants. Azaleas, spireas, lilies, blue hydrangeas, with a large stock of bulbs in pans, together with choice rambler roses, rounded out a splendid collection. A house full of elaborately filled baskets and boxes were or should be a matter of pride to the establishment. These supplied the needs of their select trade at the Bellevue-Stratford, Ritz-Carlton hotel stores, and the Orchid Flower Shop. These creations were correct in every detail; the latest style baskets and boxes only were used, a white box with vari-colored bubble decorations being very effective, as was a wide, low basket with side handles finished in blue and white planted with pink hydrangeas. Watering cards were on all the heavy drinkers.

William Berger's Sons, in Germantown, do a large holiday business. Their greenhouses are very commodi-

ous, to which is connected a well appointed store right in the midst of things between two large theatres. Well-flowered ramblers, trained to the rear, and over the inside of the show window, presented an inviting appearance. All the popular Easter stock, most of it grown on the place, was offered to suit all purses. This was displayed in the large show house in the rear of the store. Very choice baskets with 1916 all over them were there for those who desired the best.

Charles Grakelow, that live wire of North Broad street, was celebrating his first Easter in the new store. He was there, and he had the goods—a well-balanced stock. His baskets and choice plants for the automobile trade, with all the finishing touches of mats, ribbons, etc., filled the store, while the large greenhouse in the rear contained a great variety of medium-priced plants. Trellis boxes were an important item. These are made up on the place from materials cut to size at the mill. He finds them very popular and salable. "Water wagon cards," as Mr. Grakelow called them, were seen on many plants, "put on when they come in, because we don't have time to do it as they go out," he added. A large building across the street was used as a delivery depot.

J. Wolf Moore's stock was very classy. The large greenhouse in the rear, connected with the store by a wide corridor, gives him the necessary room for a holiday rush. His hydrangeas and rambler roses were exceptionally fine, as were a number of well-made newer style baskets.

Richard Umfreid, who succeeded Chas. Fox, should call his shop "At the Sign of the Cibotium," for the window here always contained splendid specimens of this handsome fern. Choice Easter plants and well-filled baskets were arranged about the store and in the commodious greenhouse in the rear.

In the central city stores things are different; there are greenhouses, to be sure, but the word commodious does not apply. The Battles' shop, on Twelfth street, which does the largest business, is almost the smallest in town. How this great volume of trade is handled at these rush times is the wonder of the craft. Reserve stock is held in convenient empty stores in the vicinity, plants sold are sent there for delivery, and others are brought in to take their place. Much is sold from sample. Splendidly arranged baskets were a feature, as were choice, well-flowered specimen rambler roses, rhododendrons, azaleas, heather, gardenias, etc. Nearly all were in some fancy container—jardinieres, basket covers, gilt tubs, and the like. Wired ribbon bows in the proper blending of colors were much in evidence. The Century Flower Shop, also a Battles' store, featured good-sized hydrangeas, azaleas, lilies and medium-sized roses. Ribbons and other "fancy frills" were left to the other store. Their lowest price cut flower box was quoted at \$2.00 for Easter delivery.

Pennock Bros.' Easter stock was quite up to their reputation. Elegant baskets, and combinations of plants in fancy covers, terra cotta jars and pots, completely filled their large store. Large trellis boxes, a number with the painted wooden silhouette figures of women, and others of children, inserted in the framework or on top, were

a very attractive addition. Hand-painted telescopic chip covers were fitted with zinc pans and made admirable containers for hyacinths. Their window feature was a pair of chairs and a table, all of trained tulips and and table of well trained and splendidly flowered Tausendschon were also seen. Business here was reported very good.

The E. R. Martin shop, formerly Vollers', was strong on rambler roses, azaleas, hydrangeas, spireas and large pots of Easter lilies, all of which were very effectively arranged.

All the newest pottery, flower bowls, fancy baskets and pot covers were prominently displayed at the London Flower Shop. The vase department is on the second floor, while the third was reserved for stock plants. Nearly all seasonable plants were seen in fancy poster colored painted pots, baskets, jardinieres, etc. A very good business was reported.

Richard Heron was crowded to the doors with a good variety of plants and was much pleased with business.

The Eleventh street contingent all reported good business. Chas. B. Stahl, whose store was full of good Easter stock, and who makes a specialty of church decorations, never was as busy before. With George Craig, in his cozy store, the outlook was good. While keeping up to the times, he does things in the good old way. Tall white painted trellises, made at spare times in the shop, helped the sale of his rambler roses. He also used them to good effect in his combination baskets and pans. Gilt baskets were a feature with Robt. Crawford. Hydrangeas, lilies, azaleas and bulbous stock were all from his Secane greenhouses. Everything was done here with system, there being little if any waste.

Charles Henry Fox, who likes to surprise his customers with something new each Easter season, introduced what he called his Pollyanna basket. It was very striking in appearance, having all the colors of Joseph's coat. The material was hickory splint—shapes both round and square in several sizes, some with handles. All were fitted with zinc pans. Their unique coloring was the distinctive feature. This was in light and dark shades of purple, blue, pink and yellow, each alternate section of material being a different color. This sort of harlequin effect appeared to blend nicely with all the flowering plants that were placed in them. These made a fine appearance in his beautiful store and were a decided novelty. A line of corsage bunches, samples, were seen in their open boxes in the flower case. When it comes to these arrangements, Mr. Fox finds the art brings as much as the flowers, as, if a dollar's worth of sweet peas or roses were purchased to be made up, very little more, if any, could be charged for the work, but when presented finished, it looks worth the two dollars which is cheerfully paid.

Victor Ridenour, of Ridge avenue, had a very up-to-date stock. The latest in basket arrangements and specimen plants decorated the store, while the large greenhouse in the rear was filled with a great variety of Easter stock. The business was coming in faster than he could properly handle it.

Easter in the Chicago Stores.

The Easter trade this year was very good and the sales were considerably ahead of those of 1915. The weather the opening of the week was very warm and a large quantity of bulbous stock, particularly tulips in pots and pans, suffered considerably and were almost a total loss. Plants were handled on a large scale and everyone stocked up heavily, the principal offerings being hydrangeas, azaleas, rhododendrons, rambler roses, spireas and lilies. Lilies never were so plentiful and probably never sold so cheaply at wholesale as they did this Easter. The demand started in very late and for a time it appeared as if there would be very little doing but things took a change for the better on Friday and Saturday and it is doubtful whether there was ever as much business done in any two days before as there was then. The weather was anything but favorable but taken all in all, trade was much better than the florists in general expected it would be and no complaint was heard from anyone. Cut flowers sold well, but violets, orchids, lily of the valley and gardenias were very scarce and it was impossible to secure enough stock to fill all the orders. Sweet peas sold well, but they were also a little on the short side. American Beauty and Mrs. Chas. Russell roses were scarce and so were Cecile Brunner, Baby Doll, Geo. Elgar and Fireflame. There were plenty of all the other roses, carnations, Spanish iris and it is seldom that the retail florist had the opportunity to select from such a large and fine supply of miscellaneous stock as he did this year.

O. J. Friedman cleaned up completely in both cut flowers and plants at his store at 522 South Michigan avenue, and never had such a good trade before. On Sunday noon every plant was sold and the refrigerator was as empty as could be. Mr. Friedman had one of the finest collections of plants in the city and the stock was as usual arranged in Victor Bergmann's artistic style always so pleasing to the many customers. Hydrangeas, rambler roses, lilac, rhododendrons, azaleas, lilies and spireas were the leaders in plants and in cut flowers a complete line was carried including the many novelties that Tom Fogarty could buy in the local market.

George Wienhoeber was more than pleased with trade at his South Wabash avenue store and experienced a grand clean up in both cut flowers and plants. Mr. Wienhoeber says that trade was very good on Saturday and that he never experienced such a rush since he has been engaged in the florist business. He sold a large number of Max Schling's Easter novelties which made such a big hit at the recent New York Flower show and sold all he had to offer at an early hour and could have disposed of many hundred more. Mr. Wienhoeber handled everything in blooming plants and cut flowers and had a magnificent window display all week. On Sunday morning his store looked as if a cyclone had struck it for there was hardly a plant or cut flower left when the last order was filled. In cut flowers, roses and sweet peas were his best sellers.

A. Lange's East Madison street store was filled with customers at all times and while the heaviest demand started in rather late everything cleaned up nicely and many extra

trips were made to the wholesale market to secure stock to fill the many extra late orders that kept coming in. Lilies were handled on a large scale here and so were azaleas, rhododendrons, hydrangeas, spireas and bulbous plants in pots and pans. He handled a tremendous supply of cut flowers and the increased store force had all the orders that they could properly handle and there is no question but what his sales will compare most favorably with 1915, which was one of the best Easter trades that he ever had. Manager Mohr and his assistants worked like beavers early and late and certainly handled a mammoth bunch of orders Sunday morning and the two days before.

Mangel, the Palmer House Florist, never had a finer lot of plants to offer for Easter than he did this year. His large conservatory in the rear of his beautiful store was completely filled with stock, chiefly lilies, rambler roses, heather, rhododendrons, azaleas, spireas and hydrangeas. In cut flowers everything seasonable was handled and there was an unusually good demand for roses, especially Mrs. Chas. Russell and American Beauties. Sweet peas and orchids sold nicely and taken all in all Mr. Mangel is well satisfied with the business he did and advertised extensively in the daily papers and sent out special folders to get it. His \$3.50 that he started in business with when he first came to this country would about pay for one of the panes of glass in the large dome of his conservatory, of which he is very proud and is the only one in the loop.

J. C. Craig and his sons had their share of the business at their Wabash avenue store, which is one of the oldest stands in the city and cleaned up completely in cut flowers and plants. Mr. Craig is one of the fellows that believes in sawing wood and saying nothing, but his force is always busy whenever one calls at his store.

George Perdikas handled a tremendous supply of plants and cut flowers at both of his South Wabash avenue stores and his sales for Easter week were surprisingly large and the best since he has been in business. He took a big chance by stocking up so heavily, but cleaned up practically everything and is more than satisfied with the amount of business that he did. Lilies and azaleas were his best sellers in plants and roses and carnations were his leaders in cut flowers.

Fleischman had a magnificent display of cut flowers and plants at his Jackson boulevard store and particularly attractive to the many buyers were the large, beautiful specimens of bougainvilleas and acacias. Hydrangeas, heather, rambler roses, spireas, lilies, rhododendrons, and other blooming plants, artistically arranged in baskets, were handled extensively and cleaned up splendidly before the week was over. Combination baskets of blooming and foliage plants, in which fancy leaved caladiums and cut flowers, particularly Spanish iris, played an important part, sold like hot cakes. Cut flowers of every description were handled on a large scale and were in good demand. Trade at this store was much better than it was expected it would be and the total sales were very satisfactory. Dick Parker and several others helped out Manager Graham and the regular force during the rush and they had all they could do to han-

dle the many orders that were booked. Considerable advertising was done in the daily papers and the results were most pleasing to the proprietors.

The White House Florist, of which Wm. Kotsonis is proprietor, had a splendid trade and sold a large number of rambler roses, which were his leader in plants. Cut flowers were handled extensively here and the sales for the week were considerably ahead of last year. Funeral orders were plentiful on top of the holiday rush and the force had to hustle some to get out all the orders on time.

H. N. Bruns had a fine trade at his West Madison street establishment and his beautiful store and conservatories were filled to the brim with lilies, spireas, hydrangeas, rambler roses, rhododendrons, azaleas and other blooming plants. Business was very good and the sales were away ahead of last year. Cut flowers were handled extensively also, but plants were his leaders and sold surprisingly well. He had a splendid cut of lily of the valley and sold out completely at an early hour each day and did so well in this line that he had many of the wholesale florists make special trips to his establishment trying to secure an extra supply so as to meet the heavy demand which they were unable to fill. Mr. Bruns' daughter, Madelaine, and son, Herman, who is taking up a floricultural course at Urbana, helped out during the rush and proved of much assistance to the regular force.

C. Frauenfelder, 3343 West Madison street, handled a large supply of rhododendrons, lilies, hydrangeas, azaleas and rambler roses, in addition to a fine lot of tulips in pots and pans. His right hand man, Chas. Werner, had about 25 per cent more stock on hand this year than last and everything pointed to a grand clean-up and a whirlwind finish the day before Easter. Large quantities of cut flowers were sold also, and a large number of baby rambler roses, planted in birch bark boxes, were disposed of at an early hour. Trade at this establishment has been very good since last July and there is no sign whatever of a lull in business. Mr. Frauenfelder has a large force of capable assistants, including his daughter, Edna. R. J. Coultejohn always gives the regular force a lift during the holidays and was on the job again for Easter.

J. F. Kidwell Co., 3530 South Michigan avenue, had a splendid supply of plants from their own greenhouses at Downers Grove and some of the finest specimens of hydrangeas, rhododendrons, lilies, azaleas and rambler roses in the city were seen at this establishment. Roses and hydrangeas were their sellers in the plant line, but everything cleaned up completely, and the sales were away ahead of 1915. Cut flowers were handled extensively, but this firm pushed plant sales because they had a large stock and were satisfied to clean up in this line. Particularly attractive were the combination tubs of Dorothy Perkins roses and lily plants, which took well and retailed at prices ranging from \$20 to \$25. J. F. Kidwell says it was surprising how many plants were sent to the hospitals on Easter this year, and he is more than pleased with the week's business. They had unusually good success with their lilies and tulips this season, and could have sold many more if they had had them to offer.

W. J. Smyth, 3101 South Michigan avenue, was very enthusiastic over his Easter trade and sold out almost completely in plants, which he handled on a large scale. Hydrangeas, azaleas, rambler roses, spireas, lilies and rhododendrons, artistically arranged in fancy baskets, were splendid sellers and his sales for the week will compare most favorably with those of last year. After all his plants were sold he stocked up heavily in cut flowers and also experienced a clean-up in this line. Roses and carnations sold exceptionally well.

The Alpha Floral Co. made a tremendous showing of plants of all kinds at its South Wabash avenue store, and had a very satisfactory Easter trade. Lilies, rambler roses, azaleas, hydrangeas, and tulips in pots and pans sold quickly, and Andrew Cronis and his large force of assistants feel rather happy, because they cleaned up what stock they had as completely as they did. Everything seasonable in cut flowers was handled and their sales all told were surprisingly large. The firm carried advertisements in the daily papers every day for over a week, and one cannot help but admit that the liberal use of printer's ink pays and adds many new customers to their list.

John T. Muir had his usual fine and large showing of plants and cut flowers at his store and conservatories at 4647 Grand boulevard, and enjoyed a splendid trade. Lilies, rhododendrons, rambler roses, hydrangeas, azaleas, spireas and tulips in pots and pans were his leaders in the plant line and in cut flowers everything was handled on a large scale, especially roses and carnations, which were in brisk demand. Mr. Muir was ably assisted by his sister and A. E. Knecht, who worked like beavers early and late, so that the many orders could be delivered on time.

Chas. A. Samuelson never had a better trade at his establishment at 2134 South Michigan avenue, and was pretty well sold out in the plant line early Saturday when several large delivery trucks were kept on the go taking out the stock as fast as it was wrapped up. Everything available in cut flowers was handled, and Mr and Mrs. Samuelson, Ed. Enders, Arthur Weatherwax and the rest of the regular force were ably assisted by Miss Ida Evert and Mrs. John Enders during the week. Mr. Samuelson had a very complete line of plants, but one item in particular that was missed here this Easter was the bougainvilleas, which were handled on a large scale in previous years. He says that they did not give very good satisfaction last Easter, and he pleased his customers by replacing them with other plants, which proved to be more acceptable and gave better results.

Walter Kreitling & Co. sold a large quantity of blooming plants and cut flowers at their store at 77 East Van Buren street and were well pleased with their trade. Scotch heather of fine quality sold well in the smaller sizes and cleaned up at an early hour at prices ranging from 75 cents to \$4 each. This firm has been located in their present quarters for over 19 years, and in the loop for 33 years, consequently they have a good steady trade which is always carefully looked after.

The Bohannon Floral Co., 57 East Monroe street, did a splendid business

and sold out completely in all lines. Azaleas, rambler roses, hydrangeas, rhododendrons and all other blooming plants were their leaders and were arranged in their usual artistic style. Cut flowers were handled on a large scale and sold well, their leaders being principally American Beauty and Mrs. Chas. Russell roses. Sweet peas, orchids, gardenias and Spanish iris had a good call, and, taken all in all, everything moved surprisingly well and they had all the orders that they could conveniently handle.

Miss Charlotte Megchelsen made a big showing at her new store at Forty-seventh street and Grand boulevard and carried a fine line of plants, particularly rhododendrons, hydrangeas, rambler roses and hyacinths in boxes. Trade was very good at this store, and while it started rather late the demand was very good on Saturday, and she cleaned up practically all the stock that she had to offer, and did much better than she expected to. She was ably assisted by Ed. Eisner and wife, who have spent many years in the retail business, and are well and favorably known to the local trade.

Hirsch had a nice showing of plants and cut flowers at his new store at 37 East Van Buren street and enjoyed a splendid trade, notwithstanding the strong competition that he had to contend with. Azaleas, lilies, single and double hyacinths and made up baskets were his leaders in plants and in cut flowers a complete line was carried with roses and carnations the principal offerings.

Harry Rowe was well pleased with the Easter business at his new store on East Monroe street and was ably assisted during the rush by Harry Conn. Blooming plants of all kinds were handled on a large scale, especially azaleas, rambler roses, spireas, rhododendrons, hydrangeas and lilies.

Victor Young & Co. were very enthusiastic over their trade and were more than satisfied with the amount of business that they did at their North Clark street store. This is their first Easter in business, but they stocked up heavily in cut flowers and plants and came through with a clean slate and did not have any stock to speak of left when the last order was filled.

The Ernest Wienhoeber Floral Co. was on deck as usual with a fine line of azaleas, hydrangeas, lilies, spireas, rhododendrons and made-up baskets of blooming and foliage plants at their Elm street store. Their trade exceeded all expectations and they were sold out completely. Everything sold well in plants and cut flowers, especially sweet peas, lily of the valley and fancy roses. Wm. Wienhoeber made special trips to the market in his new car to replenish the stock as it was needed and found that it came in very handy during the rush.

Walter Adams did splendidly at his 1021 Rush street store and must have had one of the best Easter trades ever, for his store was filled with customers at all times and he was well sold out before the rush was over. Azaleas, lilies, hydrangeas and rambler roses were his leaders in plants and in cut flowers a general line was carried, with roses and carnations the principal offering.

The George Wittbold Co. sold out in all lines at Easter and had to re-

plenish their stock several times. Everything in cut flowers and plants were handled on a large sale and large advertisements were carried in the daily papers for nearly a week, consequently the orders cover a wide territory. The sales were much larger than last year and the principal offerings in plants were azaleas, hydrangeas, lilies, spireas, rhododendrons and marguerites. Roses sold exceptionally well and there was a heavy demand for lily of the valley and sweet peas. Their delivery service worked like a charm and all orders were gotten out on time.

The Atlas Floral Co. had a big run on lilies and rambler roses and sold out early Friday afternoon. On the same evening Mrs. Williams brought a fresh supply of stock and had her store packed to the doors, but on Easter morn there was hardly a plant left in the entire place. Herbert Stone worked like a beaver and was on the job until nearly midnight every day and was ready to quit Sunday noon when the big rush was over. Cut flowers sold well and a complete line was handled, the best sellers being roses, sweet peas and lily of the valley.

Paul Blome & Co. had their usual fine trade at their North Clark street store and were cleaned out completely in both cut flowers and plants, which, to make a long story short, means that their Easter trade was the best ever.

Schiller the Florist had a fine Easter trade at their West Madison street store, where George Asmus is in charge, and at their north side store, which is looked after by Herman Schiller. The downtown establishment, in charge of R. E. Schiller, also did splendidly and everything cleaned up well at all their establishments, considering the extra heavy supply of plants that were bought. One thing in particular that attracted much attention was the baby chicks that adorned all their plants and which made quite a hit with their many customers. Azaleas, lilacs, lilies, hydrangeas, rhododendrons, spireas and genistias were their leaders in plants, and in cut flowers everything was featured, although more attention was paid to pushing the sale of plants, which were handled in larger quantities than ever before. Everything went along without a hitch and the sales were much better than those of 1915. This firm had one of the finest lots of tulips and other bulbous stock in pots and pans that were offered for Easter, and Manager Asmus took great pride in showing them to all the trade visitors. R. E. Schiller was ably assisted at the downtown store by Fred Ronsley.

ANAMOSA, IA.—Hoyt, Hunter & Bagley have purchased a tract of land near the city limits and will grow plants, cut flowers and nursery stock.

HOUSTON, TEX.—Miss E. V. Atwood will add two new houses, each 30x70 feet, to her range. She has made heavy plantings of tuberose, gladioli and outdoor roses this year.

ABERDEEN, S. D.—Richard Strohmeier and his sisters, Misses Alice and Clara Strohmeier, will assume active management of the Strohmeier Greenhouses at 909 North Lincoln street, about May 1, having leased same from their father. A retail store in the business district will also be opened in the near future.

Society of American Florists.

EXECUTIVE BOARD MEETING.

The regular Lenten meeting of the executive board of the society was held at the Hotel Walton, Philadelphia, Pa., March 28-29. With two exceptions, every member was present, as follows:

Daniel MacRorie, San Francisco, Calif., president; R. C. Kerr, Houston, Tex., vice-president; John Young, New York, secretary; W. F. Kasting, Buffalo, N. Y., treasurer; J. J. Hess, Omaha, Neb.; J. A. Peterson, Cincinnati, O.; Wm. R. Nicholson, Framingham, Mass.; W. J. Keimel, Elmhurst, Ill.; Angelo J. Rossi, San Francisco, Calif.; Chas. L. Baum, Knoxville, Tenn., directors, S. S. Pennock, president, American Rose Society; Joseph H. Hill, president, American Carnation Society; Irwin Bertermann, president, Florists' Telegraph Delivery; Henry Weston, president, New York Florists' Club, and Patrick Welch, past-president, Boston, Mass. And in addition there were present: Past-Presidents, Geo. Asmus, Theodore Wirth and Frank H. Traendly, and the Washington representative, W. F. Gude.

Reports from the secretary and treasurer were presented and accepted, both showing the affairs of the society to be in excellent shape. Recommendations made by the treasurer in regard to certain of the society's securities were approved and adopted. The reports were referred to an auditing committee.

The committee on proposed amendments to the constitution and by-laws, Theo. Wirth, chairman, presented a lengthy report covering changes recommended at the San Francisco convention. After considerable discussion these amendments were all adopted for submission to the Houston convention. The following are the articles and sections as amended:

AMENDMENT TO ARTICLE V—MEETINGS.

Section 1. At the thirty-second annual meeting to be held August 15-18 in Houston, Texas, the meeting places for the years 1917 and 1918 shall be selected by ballot, and at the meeting of 1917 and at every meeting thereafter, the meeting place for the second year following that meeting shall be so selected. The balloting shall be done at the evening session of the first day of each annual convention. The time for the annual meeting shall be the third Tuesday of August in each year, continuing for three days, or until all business is completed. The city applying for the meeting, shall, with its written application, provide the free use of a place for the purposes of a convention garden, which place shall be available, if desired, from the early spring of the year before the meeting to the late fall of the year of the meeting.

AMENDMENT TO ARTICLE II.

Section 2. Elections and appointments.—Paragraph (a). The president, first vice-president, secretary, treasurer, and two directors shall be elected by ballot at the annual meeting of the society, and their term of office shall begin with the first day of January next succeeding the election. The term of office of the president, vice-president, secretary, and treasurer shall be one year, and the term of office of the directors, three years, or until their successors are duly elected and qualified.

Section 2. Elections and Appointments.—Paragraph (b). The president shall appoint on the first day of January of each year, or as soon afterward as may be possible, one or more state vice-presidents from each state and territory represented in the membership, to serve for a term of one year. Clubs, societies or kindred organizations of professional florists, gardeners and horticulturists, having paid-up membership of 100 or more members in the S. A. F. and O. H., shall be entitled to one representative on the board of directors. Such representative shall be the president of such organization and must be a member of this society. Any elective officer or appointed director shall not be eligible as a representative of such organization. When the president of any such organization is already a director, the vice-president shall be eligible for the office. Any organization applying for representation shall submit to the secretary of this society a certified copy of the resolution adopted by their organization that they wish such representation on the board of directors, together with a complete list of its membership. It shall be the secretary's duty to confirm same and submit it to the president for final confirmation. Announcement of such director shall be made by the president.

Article II. Officers, their election and duties. Section 2. Elections and appointments:—Paragraph (d). The secretary shall cause official ballots to be prepared according to the "Australian" form containing the names of all candidates nominated for the various elective offices. Balloting shall take place at the morning session of the third day of the annual meeting. The secretary shall prepare four election books, in which the names of members eligible to vote are alphabetically arranged.

Book 1 to contain all names from letter "A" to letter "D" inclusive.

Book 2 to contain all names from letter "E" to letter "K" inclusive.

Book 3 to contain all names from letter "L" to letter "R" inclusive.

Book 4 to contain all names from letter "S" to letter "Z" inclusive.

The secretary shall provide one ballot box for each book. The president or presiding officer shall appoint one checker for each book, and one receiver for each ballot box, and one judge of election, who shall have charge of the checkers and receivers, who, together with him, form the election board. They shall, after the close of the polls, assort and count the votes cast and report the results to the convention. The polls shall remain open from 10 a. m. to 11 a. m., or until all legal voters in line at that time shall have an opportunity to cast their votes. A majority of all the votes cast shall be necessary for an election; and the president or presiding officer shall declare who is elected. In case of failure to elect on the first ballot, the president shall order a new ballot immediately, polls to remain open one hour; should this ballot fail to elect, the president shall order a third ballot, polls to remain open one hour; this ballot shall be limited to the two candidates receiving the highest vote on preceding ballot.

Election and appointment of officers, directors, and committees, and their respective duties. Section 4. Standing committees and their duties. Para-

graph (a). Standing committee on convention garden. The president assuming office January 1, 1917, shall appoint three members, one serving three years, one two years, and one one year. Each next elected president when taking office shall appoint one member to serve three years. This committee shall have full charge of all convention garden arrangement work under the direction of the executive board. The members shall elect their own chairman, and shall be subject to the call of the president and the executive board.

Paragraph (b). Publicity committee. The president assuming office January 1, 1917, shall appoint five members, one to serve five years, one four years, one three years, one two years, one one year. Each next elected president when taking office shall appoint one member to serve five years. The members shall elect their own chairman. It shall be the duty of this committee to keep up an efficient campaign of proper horticultural and floricultural advertisement along educational and progressive lines, in trade papers, periodicals, and the press in general.

Paragraph (c). American horticultural products committee. The president assuming office January 1, 1917, shall, and each next elected president upon taking office shall, appoint three members to serve one year. It shall be the duty of this committee to advocate, induce, promote, and assist in every possible way the production in this country of horticultural products now imported from foreign lands."

Section 3. Duties of officers: (a) President.—The president shall preside at all meetings of the society, and exercise a general supervision of its affairs. He shall report from time to time such measures as seem necessary for promoting its objects and extending its usefulness. He shall annually, on the first day of January, appoint one botanist, one entomologist, one vegetable pathologist, and one state vice-president for each state or territory represented in the society; he shall act as chairman of the executive board at its meetings and sign all diplomas and certificates of the society.

AMENDMENT TO ARTICLE III.

"Government. Executive board. Between the sessions of the society its government shall be vested in an executive board, consisting of the president, junior ex-president, first vice-president, secretary, treasurer, and the board of directors, etc., etc."

NOTE.—The committee believes that all other standing committees created by the society at its different annual meetings should be classed under this new section 4.

Vice-President Kerr made a lengthy report, covering the plans and arrangements made for the housing of the Houston convention and trade exhibition. The convention hall, he said, would provide an area of 20,000 square feet for display space, which he thought would be ample. The hall was located three blocks from Rice's hotel, which would be headquarters and five blocks from the convention garden. Work on the convention garden, he said, was in active progress, and its success was practically assured. Some action had been taken, he said, in regard to getting low railroad rates to Houston, and it seemed quite probable that a one and one-third rate would be secured over all

railroads in the United States. The committee on convention garden was appropriated a sum not to exceed \$500 for purposes of the garden. Adjournment was then taken until 10 o'clock a. m. Wednesday.

The first business at Wednesday morning's session was the reading of the report of the auditing committee, which found the report of the secretary and treasurer to be correct, and complimented these officers upon the efficient work shown in the reports. The matter of arrangements for the trade exhibits at Houston was again discussed, and it was decided to make the rate for exhibition space 40 cents per square foot. The publicity committee, through its chairman, Irwin Betermann, reported progress. The committee had not had a full meeting, consequently, a report could not be presented at this time. Mr. Betermann, however, made a short address in which he embodied his personal ideas. It was evident that the prevailing idea as to a publicity campaign was that its cost was not within the reach of the society. He was of the opinion that a small beginning might be made through the employment of a capable man, well versed in matters pertaining to the business, with compensation of \$500 to \$1,000 per year for his services, and he made this recommendation. A very lengthy discussion of this proposition ensued. Finally, on motion, it was decided that a publicity man be engaged to operate under the direction of the secretary, at a salary of \$15 per week, with the approval of the publicity committee, any legitimate expenses to be vouched for by the chairman of the committee; and, further, that if the committee should see fit to send out an appeal for funds to carry the campaign further, it is authorized to do so.

A communication from the Mother's Day International Association, Inc., was read asking the society to co-operate with the association in giving publicity to the proper day for the celebration of "Mother's day" the second Sunday in May, and the fact that the emblem of the association was the white carnation. On motion of Mr. Kasting, the board unanimously acceded to the request, and a copy of the resolution was immediately given out to representatives of the daily press and Associated Press.

The following appropriations were made:

Office of entomologist.....	\$100.00
Office of pathologist.....	100.00
Office of botanist.....	100.00
Members' buttons.....	100.00
Clerical assistance at convention	100.00
School garden committee.....	100.00
Legislative committee.....	100.00
Sergeant-at-arms.....	15.00
Sports committee.....	50.00
Secretary's office, as usual.....	
Official stenographer, (traveling expenses additional).....	125.00

The question of further support of the Mother's day movement instituted by the association headed by Miss Anna Jarvis, was discussed at length, and, on motion, the secretary was instructed to send an appeal to all the members of the society for a subscription toward the Mother's day fund. The secretary was directed to invite the presentation of two essays at the Houston convention. Adjournment was then taken until after luncheon.

At the final session many matters tending to make the work of the society of greater service to its members were considered, among them the compilation of a trade directory which should be reliable and strictly up-to-date. Some earnest discussion upon the subject ensued, resulting in the carriage of a motion that a committee of three be appointed to look into the advisability of the issuance of a trade directory by the society, or any other publication, the committee to report at the Houston convention. The secretary was instructed to prepare an order of business for the convention, and another one for the meetings of the executive board, anything not covered to be proceeded with under Roberts' "Rules of Order."

Prof. H. B. Dorner, of the University of Illinois, Urbana, was present, and was given the privilege of the floor. Professor Dorner explained that he appeared before the board as the representative of members of the society connected with the faculties of different universities and colleges who desired, in the interests of the society, to organize a section to be composed of all members interested in educational and research work pertaining to the profession. The group was strongly interested along certain lines, the work being sufficiently important to warrant the support of the society to the extent of making it a section and furnishing accommodations in the way of quarters for its members at the society's different exhibitions, where contact could be had with florists and others having problems which merited the active interest of such a section. Such a section, he suggested, should be known as the "College Florists' Section." The proposition proving favorable to the board, the section as stated was on motion authorized.

Other matters were considered informally, taking up the time of the board until adjournment. At the close of the meeting Mr. Welch pointed out that his membership on the board was practically then expiring and in a graceful speech expressed the pleasure he had experienced in meeting at different times with his brother members and his regret at not being able officially to continue with them, but he was satisfied that the affairs of the society were in good hands and the organization would be kept moving along progressive lines. After a motion directing the secretary to transmit a letter of thanks to the local organizations for courtesies shown to the board, adjournment was taken to Monday, August 14, at Houston.

JOHN YOUNG, Sec'y.

Providence, R. I.

RAIN PREVENTS RECORD BUSINESS.

Easter business showed a substantial increase over last year, notwithstanding the fact that weather conditions were far from favorable. The day preceding the great floral holiday greeted this city with a continuous rain, and the telephone played more than its usual important role. Stocks of all kinds were very good, and everything sold well. Prices were reasonable and if the weather had been favorable, the record for Easter sales would have been in danger. In plants, there was a plentiful supply, and the call was all that could be desired. Corsages were as popular as ever, but sweet peas and violets were short of the demand, and with a scarcity of orchids and lily of the valley, late com-

ers were disappointed to a certain extent. Carnations and roses had their usual call. Easter lilies, boxes of pansies, daffodils, tulips, hyacinths, acacias, azaleas, spireas, genistas, ferns and basket arrangements sold well—and while it cannot be said that trade was good—the weather certainly played against us—all of the growers had their stocks well timed, and the quality was everything that could be desired.

H. A. T.

Boston:

EASTER PLANT SALES BREAK RECORD.

The Easter trade was very good this year, but in some cases there were reports of poor business. The heavy rain storm Saturday, April 22, did much to hurt the transient trade, and cut flowers on the whole suffered. A few lines, however, went exceptionally well. Sweet peas, violets and lily of the valley were very scarce and sold at top notch prices. Roses and carnations sold well the first of the week, but steadily declined in price. Snapdragons were plentiful and large quantities found no market at all. The bulbous stock brought good prices, and there was a fair supply, considering the late season. Yellow marguerites were plentiful and did not sell well; although good quality flowers found a fairly good market, poor flowers were very hard to dispose of. The plant trade was a record-breaker. Nearly every grower practically cleaned up his entire stock. Lilies sold at higher prices than last year, 8 cents to 12½ cents being received for them. Rambler roses also were among the leaders, varying in price according to size. The French hydrangeas were exceptionally good this year, there being a large variety of colors. The trade as a whole was better than last year, even though a few lines of cut flowers suffered. The market on Monday, April 24, was very poor, practically no buyers being present.

NOTES.

The wholesalers seemed to be the busiest line of business during the whole week. Welch Bros. were kept busy day and night to keep up to the orders. They used an exceptionally large quantity of flowers this year.

John McFarland was fortunate in having a large crop of lily of the valley for the Easter trade; in all, about 20,000 flowers, which sold readily. He also had 35,000 buds of Easter lilies which were all cleaned up.

J. K. Chandler & Son, of Tewkesbury, Mass., had a fine cut of irises for the Easter trade. They also had a large cut of yellow marguerites and calendula.

Thos. Roland, Nahant, Mass., reports a very good Easter trade, his plants being all sold out. His rambler roses were among the best seen in Boston.

Peter Fisher, of Ellis, Mass., will grow one house of roses next season to care for his rapidly growing retail business. He had a very good Easter trade.

Robert Montgomery of Natick has laid the foundation for his new greenhouse. He will devote it to chrysanthemums and rose stock.

Frank Edgar, of Waverley, had a very fine lot of French hydrangeas, which were notable for the variety of coloring.

The largest shipper of sweet peas to the market was Wm. Sim, of Cliftondale. In all he had 300,000 for the week.

F. L. W.

YONKERS, N. Y.—W. J. and M. M. MacDonald have incorporated with a capital stock of \$5,000 and have opened the MacDonald Floral Co., Inc., at 52 Elliott avenue.

EASTER TRADE.

An almost unprecedented demand for cut flowers and plants of every variety, with an unusually plentiful supply at moderate prices, is reported from nearly all sections, the increase in sales for the 1916 Easter period showing gains varying 10 to 100 per cent. In many instances, unfavorable weather conditions alone prevented an even greater showing. Notwithstanding the fact that great preparations had been made for an exceptionally heavy demand, Monday morning saw most establishments completely cleaned out in all lines, and more sales could have been made if stock had been available. The demand for flowering plants surpassed all expectations and in most instances the call was for the better grade of stock. Easter lilies were of course the favorites as usual, and while spireas and hyacinths seemed to be the least in demand, they were missing when the stores closed. In the cut flower class, everything sold fast, and although the stocks were the largest in years, there were shortages in several lines, notably sweet peas and violets. Carnations, too, were not overplentiful. Corsages were never in greater demand, even though the weather throughout the country generally was such as to interfere with the usual Easter promenade.

Attractive window displays had much to do in stimulating sales of basket arrangements and novelties, all of which sold better than ever before, and advertising in the daily papers, both on the co-operative plan and by individuals, aided much in the making of the wonderful Easter sales record of 1916.

DAYTON, O.—Wm. G. Matthews, reports Easter sales this year as being 30 per cent greater than those of the 1915 period. All kinds of stock was plentiful and everything that was well grown found quick sale. There was a wonderful call for lilies the last day. Baskets of plants, moderately priced, were in great demand. With other good roses in evidence the demand for American Beauties seems to be waning, where the prices range from \$1 to \$5, the other roses being sold at half the price. Every industry in this vicinity is working full force and overtime, paying the highest wage scale ever known and the local florists feel the benefit of these gratifying conditions.

MONTREAL, QUE.—Julius Luck reports that the Easter trade of 1916 was about equal to that of last year, both in volume and prices. Plants were in good supply with the exception of azaleas and ferns. Cut flower stock was also short in some items. Everything sold, carnations being the most popular. Reports from several other establishments show substantial increases in sales while other state business was not as good as in 1915. Some stores had an oversupply of lilies, while in others a complete sell out or shortage of supply was the case.

OMAHA, NEB.—With a plentiful supply of both cut flowers and plants and with prices on a par with last year, Hess & Swoboda report Easter business this year was about 40 per cent better than in 1915. Everything in the plant line sold well, while in cut flowers, the bulbous varieties and those used in corsage arrangements had the call. Department stores sold lilies for nine and ten cents, but good stock was in good demand and this firm had no difficulty in disposing of their stock which was of fine quality for 25 cents per flower.

PROVIDENCE, R. I.—Easter sales this year were about equal in money value to those of a year ago, according to Macnair, Florist. Prices on some varieties were higher. The supply of plants was more than equal to the demand, while in cut flowers the same might be said except in the case of violets and sweet peas, the receipts of which were below the requirements. Carnations and lily of the valley had a brisk call. In plant sales hyacinths were most popular, while foliage plants seemed to attract the least attention.

MILWAUKEE, WIS.—Gust. Rusch & Co. report 1916 Easter business about 20 per cent greater than a year ago. Prices were no better and while the supply of plants was not equal to the demand, the supply of cut flowers was abundant with the exception of sweet peas and carnations, and blooms of all kinds sold well. In the plant section spireas did not sell as well as in former years. The local trade generally enjoyed a fine business and sold out complete in almost every instance.

EAST AURORA, N. Y.—Fred W. Wise estimates the 1916 Easter trade as being about 10 per cent better than that of a year ago. Prices were about the same, the supply was plentiful and of good quality, and it is thought better business would have been recorded but for inclement weather. High-priced plants were not in very great demand, the most popular being lilies and bulbous plants of medium price. All cut flowers sold well, especially carnations, sweet peas and pansies.

CANAL DOVER, O.—With just enough cut flowers to supply the demand, but a shortage in pot plants, the 1916 Easter sales showed an increase of 100 per cent over the corresponding period of 1915, with usual prices. There seemed to be an abnormal demand for flowers, according to C. Betscher. Hyacinths and lilies were the leaders in plant sales, while carnations, violets, sweet peas and roses were favorites in the cut flower division in the order named.

CINCINNATI, O.—The supply of Easter stock this year was greater than in former years and prices were lower than a year ago, and while it is impossible to give an accurate statement of 1916 Easter sales, Otto H. Hoffmeister estimates an increase of about 10 per cent in volume of sales as compared with those of a year ago. Blooming plants were in great demand, while there was also a fair demand for the decorative sorts. Cut flowers of all kinds sold readily.

OKLAHOMA CITY, OKLA.—Furrow & Co. report a 50 per cent increase in sales as compared with the Easter trade of 1915, with prices 25 per cent better. High grade stock sold first. Plants were in good supply and variety and sold up close. In cut flowers there was a shortage of the bulbous varieties, with lilies, roses and carnations the best sellers. Tulips had little call.

SPRINGFIELD, O.—Arthur Todd reports little difference in volume of sales or prices in comparing the 1916 Easter trade with that of a year ago. The only shortage noted in pot plants was in lilies in some cases and in cut flowers; carnations could not be had in sufficient numbers to meet the call. Both cut flowers and plants had a good sale and there was little left over. The trade generally is satisfied with the results.

KALAMAZOO, MICH.—With a plentiful supply of plants but a shortage in cut flowers, and prices somewhat higher than a year ago the 1916 Easter trade shows an increase of 20 per cent

in volume of sales, according to G. Van Bochove & Bro. Medium-priced lily plants were most in demand in the plant class, while in cut flowers, violets, sweet peas and carnations found ready sale.

BARTLESVILLE, OKLA.—J. C. Steinhauer reports a 15 per cent increase in the volume of 1916 Easter sales as compared with those of a year ago. Prices were about the same, but there was a shortage in cut flowers and also in hyacinths and tulips in the plant class. Money was plentiful owing to good business in the oil industry and the demand for flowers was never better.

CENTRALIA, ILL.—With the supply of plants not quite equal to the demand, but with plenty of cut flowers, Easter sales were about on a par with those of 1915. Prices were about the same as a year ago. Lily plants had a heavy sale, while in the cut flower class lilies, narcissi, roses and carnations vied as favorites, according to J. W. Ross & Co., who also report that

ORANGE PARK, FLA.—With prices the same as last year, Easter business was 50 per cent better with Schulze & Obermaier. Plants and cut flowers were equal to the demand. All varieties of flowering plants were popular, foliage plants being the least salable. In cut flowers, roses, carnations and daffodils were the leaders. The general business outlook is reported good.

KANSAS CITY, MO.—With prices better than a year ago, but counteracted by a shortage of stock both in cut flowers and plants, the Alpha Floral Co. had an 18 per cent increase in the volume of Easter business as compared with 1915. In cut flowers the bulbous varieties led in popularity, while in plants, the lilies, hydrangeas and azaleas in the fancy grades sold first.

BUFFALO, N. Y.—With the supply of both cut flowers and plants short of demand and prices on about the average, S. A. Anderson reports 1916 Easter sales as showing an increase of 20 per cent over the corresponding period a year ago. In plants everything sold, and while in cut flowers every item was in demand, those suitable for corsages had the first call.

BLOOMINGTON, ILL.—With Easter prices about the same as a year ago and a plentiful supply of stock of all kinds, 1916 sales showed a slight increase over Easter, 1915, as reported by A. Washburn & Sons. In plants lilies led in popularity with hydrangeas least in demand. In cut flowers the demand for all varieties was well balanced.

DECATUR, ILL.—Easter sales for 1916 were \$200 greater than for the corresponding period last year at the establishment of John N. Bommersbach. Prices were about as usual and stock of all kinds was plentiful with the exception of Easter lilies, which were favorites, closely followed by hydrangeas. In cut flowers roses sold first.

GRAND RAPIDS, MICH.—Henry Smith reports 1916 Easter trade about equal in volume to that of a year ago, with little change in prices. Plants were in good supply and the call for cut flowers could be satisfied in most instances, all varieties moving well. In plants, lilies, roses, hydrangeas and azaleas were the favorites.

TORONTO, ONT.—H. G. Dillemoth reports sales as a trifle short of those of last year. While the supply in all lines was plentiful prices were below normal and individual purchases were smaller with a tendency to buy the lower priced offerings. Select roses of all varieties were hard to sell.

MERIDIAN, MISS.—Mrs. N. G. McKinney sold out everything in her establishment. Plants were in plentiful supply but cut flower sales would have been better if more stock had been available. Usual prices prevailed and business was about on a par with that of Easter, 1915.

The Late Frederick Bolze.

Frederick Bolze, aged 69 years, a grower and retailer of Pleasantville, N. Y., died at his home there, April 17. Many years ago, he was gardener on the estate of John D. Rockefeller, near Tarrytown, N. Y. After he relinquished that position, he for a time conducted retail stores in New York City, having been located at Fifth avenue and 42d street and at Lexington avenue and 54th street. He finally settled at Pleasantville. He was a native of Germany. A man of fine character, he was highly respected by all who knew him. His funeral was held April 19. New York florists attending were Wm. H. Siebrecht, Sr., and W. G. Badgley, of Badgley & Bishop. He is survived by four daughters and one son. A. F. F.

OMAHA, NEB.—Chas. Ederer is adding four houses to his range.

CADILLAC, MICH.—A flower store will be opened in this city by Percy Snell.

SOUTH NORWALK, CONN.—Davis Moore has purchased the range of Mrs. James Patience.

HORNELL, N. Y.—Kennedy & Son will build a retail store in front of their greenhouses.

OROVILLE, CALIF.—A new flower shop has been opened under the management of R. H. May.

CAMDEN, N. J.—A new house, 24x85 feet, will be added to the range of A. C. Stack in the near future.

LAKE FOREST, ILL.—Counsel for John Tiplady has entered suit against E. O. Orpet for alleged slander, damages \$10,000.

JAMESTOWN, N. Y.—Lawrence Cotter, of the Lakeview Rose Gardens, who has been on the sick list, is again at business.

KNOXVILLE, TENN.—A. H. Dailey has removed to more commodious quarters on Market street within a block of his former location.

SAN ANTONIO, TEX.—Edward Green has opened an attractive flower shop on Avenue C and reports excellent business from the start.

SPRINGFIELD, MO.—According to statistics recently compiled by a local newspaper, the annual expenditure for flowers in this city is \$45,000.

LEWISTON, ME.—August 24-25 have been decided upon as the dates of the annual flower show of the Gardeners' Union to be held in this city.

MERIDIAN, MISS.—Adolph Arp, well-known to the trade here, has resigned his position at Highland park, owing to ill health. He will go to the coast and engage in citrus fruit growing.

WINONA, MINN.—The Winona Floral Co., which recently purchased the Kirchner Greenhouses and leased the establishment of Mrs. Dora Voelker, on Huff street, has opened an attractive retail establishment downtown.

MOLINE, ILL.—Julius Staack has agreed to accept \$6,000 from the city for damages to his greenhouses, resulting from floods on the street above his establishment. A suit against the street car company is still pending, it is understood.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

THIS ISSUE 56 PAGES WITH COVER

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We are in receipt of the proceedings of the twenty-fifth annual meeting of the American Carnation Society, held at St. Louis Mo., January 26-27.

CLEANING up day has been fixed as May 1 in many cities of the United States and whenever our florist and nursery friends have an opportunity they should seek to aid such a movement in their home town or city.

CONGRESS is considering the amendment to the agricultural appropriation bill to provide \$175,000 for investigating potash making to obviate present exclusive annual importation of \$25,000,000 worth from Germany proposed by the committee in charge.

THE Carnation Yearbook for 1916, official organ of the Perpetual Flowering Carnation Society of England, has been received, containing lists of varieties registered by both the English and American societies, reports of meetings, exhibitions, and other information of interest to carnation growers.

THE A. W. Smith Co., well known florists of Pittsburgh, Pa., has issued "Flowers of Shakespeare", an interesting little booklet, in commemoration of the Bard of Avon's tercentenary.

THE owners of autos who are planning summer tours will be interested in knowing that state and other road maps can be had at nominal prices of the National Highway Association, Washington, D. C., Frederic Remsen Hutton, secretary.

MOTHERS' DAY in Texas, which was to have been observed Sunday, May 7, by proclamation of Governor Ferguson, mention of which was made in last week's issue, will be observed May 14, the executive having revised his proclamation to conform to the regular date generally recognized throughout the United States and designated by Congress.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that, as no objection has been filed, the following registration becomes complete: Rose Bedford Belle, by the Bedford Flower Co., Bedford Hills, N. Y.

JOHN YOUNG, Sec'y.

April 16, 1916.

McHutchison & Co.

In May, 1915, McHutchison & Co., New York, purchased the building at 95 Chambers street, running through to 77 Reade street, a full block long. The building consists of five floors, basement and sub-basement. They will occupy the full first floor May 1, 27x150 feet, which will give them room to grow. Since they commenced business 15 years ago they have moved four times, and each time they have doubled the occupied space.

The Easter Business.

The Easter business of 1916 was a record breaker. All indications pointed to an unusual demand, and the trade made greater preparations to handle it than in possibly any previous year, but at that, in many instances, the exceptional call for flowers and plants of every seasonable variety exceeded their anticipations. Prices were reasonable, stock was good in quality and plentiful, the public responded to the Easter spirit liberally, the better class of plants and cut flowers selling first, with the result a clean up of everything within the shops is the general report from all parts of the United States, with increases in the volume of sales over 1915, varying from 10 to 100 per cent.

Association of Kew Gardeners in America.

The first meeting of the above association was held at Shanley's, 117 West Forty-second street, New York, on the evening of April 5, in the form of a banquet and reunion. There was a large attendance of Kew men, accompanied by their ladies, and all present spent a most enjoyable evening, as members from many states were present and many old friends met again. It was decided to hold the next annual banquet and reunion in New York during the week of the 1917 spring flower show.

The following officers were elected for the ensuing year: M. Free, Brooklyn, N. Y., president; James MacPherson, Trenton, N. J., vice-president; S. R. Candler, Southampton, N. Y., secretary. S. R. CANDLER, Sec'y.

McDougle Loses Greenhouses.

W. T. McDougle, of Van Buren, Ind., now over 74 years of age, who lost his greenhouses in the recent storm there, will not rebuild. Mr. McDougle desires us to convey this information to the numerous advertisers in our columns with whom he has transacted business for many years past and to assure them of his appreciation of their many courtesies.

Women's National Agri. and Hort. Ass'n.

The third conference of the Women's National Agricultural and Horticultural Association and an exhibition of members' work and a garden sale to be conducted by the Women's Educational and Industrial Union, will be held in Horticultural hall, Boston, Mass., May 18-20. Mrs. George U. Crocker, chairman, 378 Marlborough street, Boston, announces the following programme:

THURSDAY, MAY 18.

9:30. Business meeting.

11:00. Address of welcome, His Excellency, Samuel W. McCall, governor, followed by His Honor, James M. Curley, mayor of Boston, and Richard M. Saltonstall, president of the Massachusetts Horticultural Society.

11:30. George T. Powell, president New York experiment station. Subject, "Preparedness in Agriculture."

12:00. Mrs. Edith L. Fullerton, Long Island experiment station, Medford. Subject, "Some Recent Developments in Horticultural Training."

12:30. Miss Mabel A. Turner, Supervisor School Gardens, Milton, Mass. Subject, "School and Home Gardens."

2:30. Short addresses by speakers from Cornell University, Simmons College, School of Horticulture for Women, Lowthrop School of Landscape Architecture and Bridgewater Normal School.

3:30. Miss Helen Holmes, Kingston, Mass. Subject, "Our Grandmother's Roses."

4:00. Miss Cutter. Subject, "The Day's Work."

4:20. Arthur A. Shurtleff, L. A. Subject, "Trees and Hedges for City and Town Planting."

FRIDAY, MAY 19.

10:30. Miss Mary Youngs, Garden City, N. Y. Subject, "English vs. American Gardens."

11:00. Mrs. Francis King, president W. N. A. & H. A. Subject, "Ten Less Familiar Garden Flowers."

11:30. Miss Alice L. Day, New Canaan, Conn. Subject, "Egg Farm for Profit."

12:00. Miss Annie E. Burke, Brockton, Mass. Subject, "Vignette of Brockton's Gardens."

12:30. C. T. Whitcomb, director Massachusetts Educational Exhibit, Panama-Pacific Exposition. Subject, "Massachusetts State-Aided Agricultural Schools."

8:00 p. m. E. P. Wilson. Subject, "Flowers and Gardens of Japan." Stereopticon lecture with colored slides.

Personal.

E. G. Hill, of Richmond, Ind., who greatly regretted his inability to attend the Philadelphia and New York shows on account of an attack of the grip, is again in his usual health and busily engaged selecting new varieties from his thousands of seedling roses.

'Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cleveland, O., May 1, 8 p. m.—Cleveland Florists' Club, club room A, Hollenden Hotel, Frank A. Friedley, secretary, 95 Shaw Ave., Cleveland.

Montreal, Que., May 1, 8 p. m.—Montreal Gardeners and Florists' Club, 140 Mansfield St. W. H. Horobin, secretary, 283 Marquette St., Montreal.

Buffalo, N. Y., May 2, 8:30 p. m.—Buffalo Florists' Club, 383 Ellicott St. Wm. Legg, secretary, 889 West Delavan Ave., Buffalo.

Dayton, O., May 2, 8 p. m.—Dayton Florists and Gardeners' Assn., Y. M. C. A. Bldg. E. E. Schaefer, secretary, 136 South Main St., Dayton.

Detroit, Mich., May 2, 8 p. m.—Detroit Florists' Club, L. Bemb Floral Co. Henry Foust, secretary, 237 Woodward Ave., Detroit.

Indianapolis, Ind., May 2.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, 3800 Rockwood Ave., Indianapolis.

Lake Geneva, Wis., May 2, 8 p. m.—Lake Geneva Gardeners and Foremen's Association. Horticultural hall. Charles Lockwood, secretary, Lake Geneva.

Los Angeles, Calif., May 2, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin St. Hal S. Kruckeberg, secretary, Los Angeles.

Minneapolis, Minn., 8 p. m.—Minneapolis Florists' Club, 218 North Fifth St. Wm. J. Vasatka, secretary, 3340 Chicago Ave., Minneapolis.

Philadelphia, Pa., May 2, 8 p. m.—Florists' Club of Philadelphia, Horticultural Hall, Broad St., above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., May 2, 8 p. m.—Pittsburgh Florists and Gardeners' Club, Fort Pitt Hotel, 10th St. & Penn Ave. H. P. Joslin, secretary, 7202 Perryville Ave., Ben Avon, Pa.

Washington, D. C., May 2, 8 p. m.—Florists' Club of Washington, 1214 F St. N. W. Clarence L. Linz, secretary, 635 Tenth St. N. E., Washington.

Louisville, Ky., May 3, 8 p. m.—The Kentucky Society of Florists, store or greenhouse of member. August Baumer, secretary, Masonic Temple, Louisville.

Albany, N. Y., May 4, 8 p. m.—Albany Florists' Club, 611-613 Broadway, Robert Davidson, secretary, 139 Second St., Albany.

Chicago, May 4, 8 p. m.—Chicago Florists' Club, Hotel Morrison, Madison and Clark Sts. Guy W. French, secretary, Morton Grove, Ill.

Milwaukee, Wis., May 4, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegler's Cafe, State and Third Sts. Eugene Oestreich, secretary, North Ave. and 55th St., Milwaukee.

Omaha, Neb., May 4, 8 p. m.—Omaha Florists' Club, Court House, L. Henderson, secretary, 18th and Douglas Sts., Omaha.

Lake Forest, Ill., May 5, 8 p. m.—North Shore Horticultural Society, Council Chamber, City Hall. E. Bollinger, secretary, Lake Forest.

San Francisco Calif., May 6, 8 p. m.—Pacific Coast Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate Ave. Walter Hohnghoff, secretary, 432 Phelan Bldg., San Francisco.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As caretaker or assistant, private place preferred. Six years' experience in inside and outside work. Married, good references. Address

Key 630, care American Florist.

Situation Wanted—As bookkeeper by a clever and capable young man of good habits. Has had large experience in a leading wholesale flower store. For further particulars, address.

A. F. F. care American Florist.
42 West 28th St., New York

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Helpers wanted in rosehouses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Three experienced potters. VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Help Wanted—Experienced salesladies for loop store. Apply at once—CHICAGO FLORAL HOUSE, 41 West Randolph Street, Chicago, Ill.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON, 833 E. North St., Morris, Ill.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting. THE REMINGTON-WELCH CO., Geneva, N. Y.

Help Wanted—Experienced traveling seed salesman. State experience, salary, age and references when replying. JOHN A. SALZER SEED CO., La Crosse, Wis

Help Wanted—At once. A good all around grower of roses, carnations and general greenhouse stock. State wages expected in first letter. Good steady position for the right man. EDWARD TATRO, 407 E. Iron Ave., Salina, Kans.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address Key 623, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once. J. C. PAUL, South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address A. HANSON, 2615 F Street, Vancouver, Wash.

For Sale—Old established florist business; three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount. Near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

Wanted—Good second-hand Lord & Burnham steam boiler, about ten sections. FAIRVIEW GREENHOUSES, Milton, Pa.

HELP WANTED

Having dissolved the partnership of Bloy & Streit to take effect June 1st, I will be in need of an up-to-date grower of pot plants; must thoroughly understand the forcing of all holiday stock, bedding plants, etc., for a general retail business, to assume full charge of the growing end and be responsible for results. To one who can fill the bill and is a good hustler, there is a bright future. Wages \$25.00 per week. Don't answer unless you can produce the goods; references required. All answers confidential.

M. BLOY,
880 Van Dyke Ave., Detroit, Mich.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Help Wanted

An experienced truck gardener and greenhouse man, single, good worker, must furnish best of references. Salary \$50, board and room. Address at once.

E. G. Patterson, Bismarck, No. Dak.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Opportunity Knocks But Once.

26 acres rich black level soil, located 25 miles south of Chicago. Especially suited for truck gardens and large greenhouse where excellent facilities for side tracks are required for the handling of coal, fertilizer, etc. As an individual I am in position to offer this at an exceptional bargain.

F. C. ECKMANN, Joliet, Ill.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

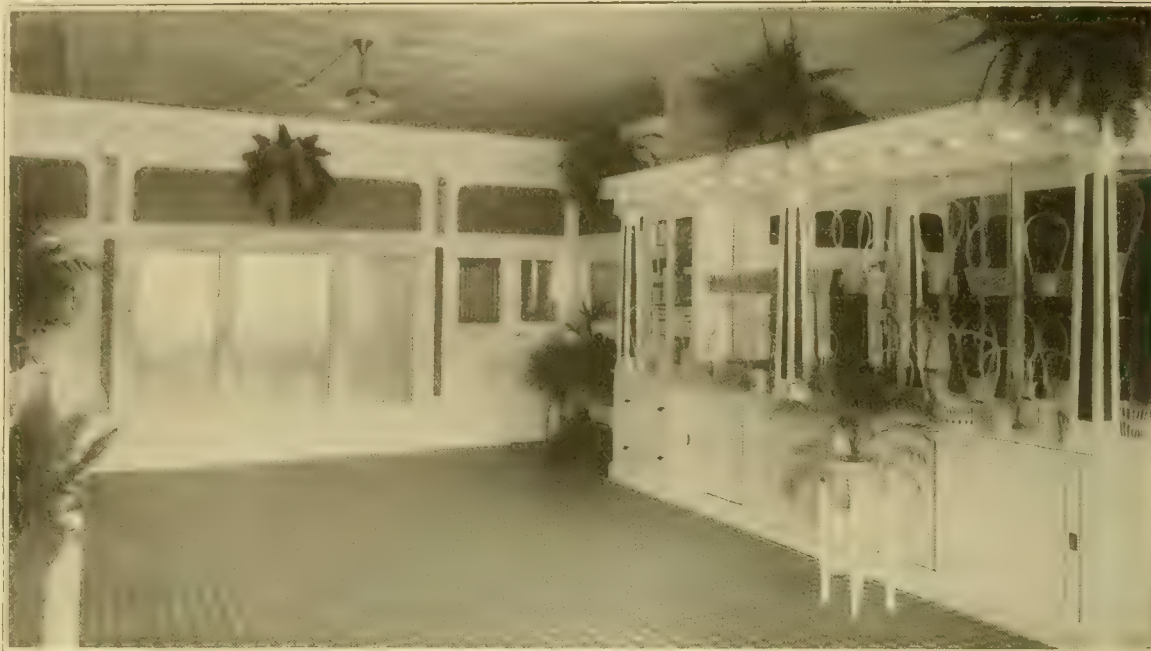
Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

FLORISTS' REFRIGERATORS AND STORE FIXTURES

WE BUILD THEM TO ORDER



We have equipped more Chicago retail stores in the last two years than all the rest of manufacturers and dealers together. **There's a reason**—We build them better. Write for catalogue.

BUCHBINDER BROTHERS

518 Milwaukee Avenue, CHICAGO, ILLINOIS

Los Angeles.

FAVORABLE EASTER INDICATIONS.

By the time these notes are in print, Easter will have come and gone, so that all we can say as to the trade for that day of days is conjecture. However, the dealers are expecting a good trade and they will be disappointed if it is not forthcoming. Conditions seem to be somewhat reversed from what it was thought they would be a few weeks ago. Then it appeared that Easter lilies would be scarce and that more dependence would have to be placed upon various plants. But on the eve of Easter we find that the stock of Easter lilies will equal all demands, and plants like rhododendrons, azaleas, etc., are very scarce. About all that is seen in that line are a few rhododendrons, a nice showing of hydrangeas and rambler and Dorothy Perkins roses. The stock of roses, especially out-door stock, is plentiful and of good quality. This is true also of sweet peas. Some of the dealers have a nice showing of orchids and lily of the valley. Gladioli are coming on, some very good America being seen at this writing. Just now ordinary business is quiet and the dealers are putting in their time decorating for the Easter trade, and putting up baskets for that day's business.

NOTES.

O. C. Saakes seemed to have the biggest stock and almost the only stock of rhododendrons in the city. Besides the usual supply of roses and carnations, he has a nice line of heaths, hydrangeas and spireas.

Wolfskill Bros. & Morris Goldensen have their windows banked high with Easter lilies, gladioli, spireas, long-stemmed sweet peas in all colors, lily of the valley, etc. They are well prepared for big business.

Darling's Flower Shop has opened up another flower establishment at 210 West Sixth street. The old stand at 216 is still doing business. Probably the new place is to handle the overflow trade, of which there seemed to be a plenty.

Wright's Flower Shop, Inc., has hundreds of nicely arranged baskets containing Easter lilies, ferns, decorative plants, etc., to retail up to \$15. They certainly are prepared for a big Easter trade.

The California Florists, now located in the Gates hotel building, seem to have found their permanent location at last, as they report an increasing trade at their new location.

The Redondo Floral Co. will have a big stock for the Easter trade in all lines of flowers, with a good supply of baby roses, callas and other bulbous flowers.

The Broadway Florists are not behind other dealers in their stock and in their display. They have some of the finest American Beauty roses to be seen.

William Shields, manager of the recent Pasadena flower show, departed, April 21, for an extended trip to Chicago, Boston and other eastern points.

S. Murata & Co. report a big shipping business in Easter stock and expect to be well cleaned up. They are the largest wholesalers in the city.

J. W. Wolters, the Hill street florist, is well stocked up as usual, and will no doubt get his share of the Easter trade.

G. H. H.

KANKAKEE, ILL.—Cash prizes in amounts varying from \$1 to \$25 will be awarded to the successful contestants in the city beautiful contest this year. There are classes for yards, vegetable gardens for adults and vegetable gardens for children.

Detroit.

ALL FORMER EASTER RECORDS ECLIPSED.

"The greatest Easter business ever experienced by the local trade" is the consensus of opinion of all florists here, based upon actual records of former years. Great preparations were made by all for the tremendous call that was indicated by the interest shown by the public in the early part of the week, when the purchases were heavier than ever before and increased constantly as the days passed, until Saturday, when an unprecedented demand fairly swamped all, who despite increased facilities, were unable to cope with it. In plants, lilies were by far more popular than any other variety, and these were in the higher priced plants, closely followed by azaleas of all sizes and colors. Bulbous plants were more plentiful than generally expected, and the cool weather of the preceding two weeks greatly improved the quality of them and great numbers were sold. Crimson Ramblers in large sizes were conspicuous items in the more expensive effects and found ready sale. Baby rambles were quite plentiful and the stock in good condition and sold well. Some hydrangeas were found in many of the stores, but these as an Easter plant are not as popular as they are later in the season, though quite a few were sold, chiefly the pink variety. Plant baskets, daintily trimmed, were important factors among the higher priced effects, and their popularity was maintained, though it is doubtful if the sale of these equalled that of last year. In cut flowers, it would be hard to say which item led in popularity, as the assortment was so varied and complete. The stock of roses was not large, and in fact, a shortage of these was felt by many,

TWO-YEAR-OLD

Holland Grown Rose Bushes

TEN CENTS EACH

Not less than ten plants of any one variety of the following sorts sold in a lot:

Aenchen Muller, Baby Dorothy, Baby Farben-Koenigen, Ellen Poulson, Erna Teschendorf, Jessie, Mme. N. Levavasseur or Baby Rambler, Mrs. Wm. Cutbush.

None sent C.O.D. Cash with order only. Please mention THE AMERICAN FLORIST when ordering.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

but carnations were available for all requirements and an ample supply of bulbous stock made the filling of cut flower orders quite easy. Sweet peas were fine, but many more could have been sold, and violets were as popular as ever, where the stock was reliable, but many on the market were old and repulsive to the prospective customer. The weather on Saturday was cloudy and rainy and much apprehension on this account was felt early in the day, but this was dispelled late when the flower buyers thronged the stores to the limit of the room and facilities afforded. Sunday the weather was much the same, but those stores that kept open had a big trade to handle throughout the day and rounded out a most satisfactory Easter business, which will be hard, if not impossible to equal, in future years.

J. F. S.

Cincinnati.

BIG EASTER SUPPLY SELLS FAST.

Easter business was most excellent. Nearly all of very large receipts cleaned up, while in some lines more might have been used. Prices were reasonable. Blooming plants sold well. Roses were in a heavy supply, but, with the exception of American Beauties, ran short of actual needs. More carnations would have sold had they been available. Easter lilies were very plentiful and some were left over at the close of the business. This, however, was caused by some large cancellations at the last minute. Sweet peas were plentiful, but more of them could have been used very easily. Smaller bulbous stock sold well. Other offerings included lily of the valley, violets, callas, and snapdragons, and all sold well. Greens, with the exception of smilax, are in a good supply.

NOTES.

C. B. Jones had his store arranged very effectively to display his plants. They were banked on tables and stands in the center of the store and were accessible from all sides.

J. A. Peterson & Sons had an excellent lot of pot roses and hydrangeas for their Easter business.

E. G. Gillett disposed of a large assortment of handsome flowers last week.

C. E. Critchell had a very fine lot of Easter lilies for the Easter trade.

Visitors: Geo. Frisch, Jr., and M. Anderson, both of Dayton, O. H.

MORRIS, ILL.—R. G. Simmen, proprietor of a flower shop at LaSalle, Ill., will open a branch in this city.

LATEST EDITION

ISSUED JULY 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

POEHLMAN

72-74 E. Randolph St.,

A VERY LARGE SUPPLY OF ROSES

Easter Lilies, American Beauties, Russells

Price on Carnations for Mothers' Day will be \$6.00 to \$8.00 per 100.

CURRENT PRICE LIST—Prices Subject to Change Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100.....	\$4.00 6.00 to \$8.00

Hoosier Beauty
Richmond
Ophelia
Sunburst
Milady
Killarney Brilliant

	Per 100
Long	\$8.00 to \$10.00
Medium.....	6.00
Short	2.00 to 4.00

Aaron Ward
Killarney
White Killarney

	Per 100
Long	\$8.00
Medium.....	\$5.00 to 6.00
Short	2.00 to 4.00

	AMERICAN BEAUTIES	Per Doz.
Long	\$5.00
36-in.	4.00
30-in.	3.00
24-in.	2.00
18 to 20-in.....	1.50
Short.....	per 100, \$6.00 to 8.00	

MINIATURE ROSES

	Per 100
Cecile Brunner	\$3.00
Geo. Elgar	3.00
Fire Flame	4.00

CARNATIONS

	Per 100
Best Fancy, all colors.....	\$4.00
Splits, Red and Dark Pink.....	2.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES

	Per 100
Long	\$10.00
Medium	8.00
Short	6.00

ORCHIDS

Market Price Per Doz.

Cattleyas \$2.00

MISCELLANEOUS

Jonquils and Daffodils..... \$3.00 to \$4.00

Tulips 3.00 to 4.00

Sweet Peas, Common..... .75

" " Spencer 1.00 to 1.50

" " Orchid flowering 1.50 to 2.00

Snapdragon.....

" " per doz., \$.75 to \$1.50

Mignonette
" " per doz., \$.50 to \$1.00	
Daisies	1.00 to 2.00
Smilax	doz. \$3.00
Plumosus	3.00
Sprenger	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown.....	1000
" " " " " " " " " " " "	\$1.50
Leucothoe20
Mexican Ivy.....	.75
Ferns	1,000, \$6.00; 3,500, \$4.00

PREPAREDNESS FOR MEMORIAL DAY

Specially Made-Up Magnolia Wreaths

18-inch, per dozen, - - - - -	\$6.00
21-inch, per dozen, - - - - -	9.00

Specially Made-Up Cycas Wreaths

21-inch, per dozen, - - - - -	\$12.00
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You must mention this Advertisement to get the Specially Made-Up Memorial Day Wreaths at these low prices.

MOTHERS' DAY BOX

Price \$4.00 per package of 10; \$35.00 per 100. Don't Wait—Order Now

Glass Cemetery Vases

10-inch, per dozen..\$1.50; per bbl., 5 dozen...	\$7.00
12-inch, per dozen.. 2.00; per bbl., 5 dozen...	9.00
16-inch, per dozen.. 3.50; per bbl., 2 dozen...	7.00

White and Green Enamel Vases

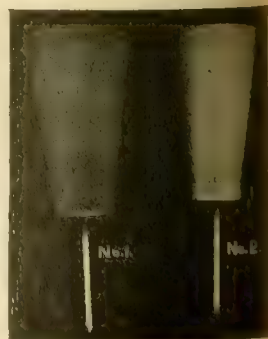
No. 1—Ht., 6¾, diam., 4¼; each, 20c; doz.	\$2.00
No. 2—Ht., 6¼, diam., 3½; each, 15c; doz.	1.60

Sheet Moss, Fine Fresh Material

Per Bag, \$2.00.

Short Cycas Leaves

\$1.25 per 100



N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high....	\$ 4.50
4 inch pots 5-6 16-18 inch high....	Each .40
6 inch pots 6-7 24 inch high....	1.00
6 inch pots 6-7 28-30 inch high....	1.50
6 inch pots 6-7 32-34 inch high....	2.00
8 inch tubs 6-7 36-38 inch high....	3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high....	\$ 4.50
4 inch pots 5-6 18-20 in. high. ea.	.40

Leaves	Each
6 inch pots 6 28-30 inch high....	1.00
6 inch pots 6-7 34-36 inch high....	1.50
8 inch tubs 6-7 5 feet high....	6.00
10 inch tubs 6-7 5½ feet high....	8.00
10 inch tubs 6-7 5½-6 feet high....	10.00

FOSTERIANA MADE-UP PLANTS

Plants	Each
7 inch tubs 3 36 inch high....	\$ 2.50
8 inch tubs 4 38-42 inch high....	3.50
8 inch tubs 4 48-50 inch high....	5.00
8 inch tubs 4 52-54 inch high....	6.00
10 inch tubs 4 5 feet high....	8.00
12 inch tubs 4 60-64 inch high....	10.00
12 inch tubs 4 5½ feet high....	12.00
12 inch tubs 4 5½-6 feet high....	15.00
15 inch tubs 4 6-6½ feet high....	\$18@20

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI	Each
3 inch pots, nicely characterized, doz.,	\$3.50
Inch Spread	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana, \$6.00 per 100.	Each
6 inch pots Dracaena Baptistii	\$1.25
6 inch pots Dracaena Massangeana	.....
..... \$1.00 to \$1.25; 7 in.,	\$1.50

ARECA LUTESCENS

6 inch pots, 4 plants	Each \$1.00
8 inch tubs, 5 plants, 44-46 in. high....	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½ INCH GRAFTED AND OWN ROOT ROSE PLANTS

	1000	Per	Per	1000	1000
Russell	\$120.00	None			
Caladney	100.00	\$56.70			
White Killarney	100.00	56.70			
Killarney Brilliant	100.00	56.70			
Ward	100.00	56.70			
Milady	\$100.00	\$56.70			
Ophelia	100.00				
Richmond	100.00	56.70			
Cecile Brunner	\$100.00	\$56.70			
Elgar (Special Only)	100.00				
Francis Scott Key	110.00				
Old Gold	100.00				
Lady Alice Stanley	120.00				

SPRING BEDDING PLANTS

	100	1000		100	1000
Alternantheras, red and yellow and Brilliantissima	2½ in.	\$2.50	\$23.00	Marguerites, Yellow and Mrs. F. Sanders...	3 in. 5.00
Alyssum, Sweet	2½ in.	2.50	20.00	Marigold, Double	3 in. 10.00
Ageratum, Blue Dwarf	2½ in.	2.50			4 in. 5.00
" "	3 in.	5.00			4 in. 8.00
" "	4 in.	8.00			2.50
Begonia Luminosa and Vernon, for bedding	2½ in.	2.50		Pansies, best German strain, in bloom....	25.00
" "	3 in.	5.00		If wanted in baskets, an additional price will be charged to cover cost of same.	
" "	4 in.	8.00		Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery	2½ in. 3.00
Cobaea Scandens	4 in.	1.50 per dozen.		Flox Drummondii, all colors	2½ in. 2.50
Caladiums, fancy leaved (summer delivery)...	pots, 5 and 6 in.	50c to \$1.50 each		" "	3 in. 5.00
Dusty Miller, for border	2½ in.	2.50	23.00	" "	3 in. 5.00
Dracena Indivisa, strong	3 in.	7.00		Petunia, single fringed, all colors	3 in. 5.00
" "	4 in.	12.00		" "	4 in. 8.00
" "	5 in.	20.00		Recinus (Castor Oil Beans), red foliage, strong	4 in. 12.00
Geraniums, the best and most popular bedding varieties, pots, in bloom	4 in.	8.00	80.00	Salvia Bonfire and Zurich, from cuttings	2½ in. 2.50
Rose Geraniums, strong	3 in.	5.00		" "	3 in. 5.00
Mad. Salleri Geraniums	2½ in.	3.00		" "	4 in. 8.00
Heliotropes	2½ in.	5.00		Smilax, strong new stock	2½ in. 2.50
" "	3 in.	2.50		" "	3 in. 6.00
" "	4 in.	10.00		Torenia Fournieri Blue	2½ in. pots 2.50
English Ivy	2½ in.	3.00		" "	3 in. 5.00
" "	4 in.	15.00		Vinca Rosea and Alba	2½ in. 2.50
English Ivy, strong	5 in.	\$20.00 to \$35.00		Vinca Minor (Hardy Grave Myrtle)	3 in. 6.00
German or Parlor Ivy	2½ in.	2.50		Vinca, variegated and green, for boxes and vases	2½ in. 2.50
" "	3 in.	5.00		Verbenas, all colors	4 in. 12.00 to 15.00
Lobelias, for bedding and hanging baskets.				Wandering Jew, Zebra and White Variegated, for hanging baskets	2½ in. pots 2.50
Lobelia Speciosa, Crystal Palace and Bedding Queen	2½ in.	2.50	22.00	Hanging Baskets planted with Sprengerii, Bostons, Vincas.	
Marguerites, Yellow and Mrs. F. Sanders	2½ in.	3.00			

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2½-in. plants
	100	1000
McNiece	\$2.50	\$22.00 \$2.75 \$27.00
Enguehard	2.50	22.00 2.75 27.00
Maud Dean	2.50	22.00 2.75 27.00
R. E. Loeben	2.50	22.00 2.75 27.00
Patty	2.50	22.00 2.75 27.00
Wells Late Pink	2.50	22.00 2.75 27.00
Chieftain	2.50	22.00 2.75 27.00
WHITE—	Rooted Cuttings	2½-in. plants
	100	1000
October Frost	\$2.50	\$18.00 \$2.75 \$25.00
Vir. Poehlmann	2.50	18.00 2.75 27.00
Chas. Razer	2.50	18.00 2.75 25.00
Elise Papworth	2.50	18.00 2.75 25.00
W. H. Chadwick	2.50	18.00 2.75 25.00
Timothy Eaton	2.50	18.00 2.75 25.00
Lynwood Hall	2.50	18.00 2.75 25.00
Smith's Ideal	2.00	2.75
Alice Salomon	2.00	18.00 2.75 25.00
White Chadwick	4.00	38.00 5.00 48.00
BRONZE—	Rooted Cuttings	2½-in. plants
	100	1000
O. H. Kahn	2.00	18.00 2.75 25.00
RED—	Rooted Cuttings	2½-in. plants
	100	1000
Schrimpton	2.00	18.00 2.75 25.00

CHRYSANTHEMUMS

YELLOW—		Rooted Cuttings 2½-in. plants	
	100	1000	1000
Golden Glow	\$2.00	\$18.00	\$2.75 \$25.00
Chrysolora	2.00	18.00	2.75 25.00
Bonnafon	2.00	18.00	2.75 25.00
Yellow Eaton	2.00	18.00	2.75 25.00
Yellow Salomon	2.00	18.00	2.75 25.00
Golden Chadwick	2.00	18.00	2.75 25.00
POMPS			
WHITE—		2½-in. plants	
	100	1000	
Kemmitt (medium double)		\$3.50	\$32.00
YELLOW—			
Krut (large early)		\$3.50	\$32.00
Mike Gabel (large)		3.50	32.00
Skiho (early bronze & yel. button)		3.50	32.00
Big Baby (button)		3.50	32.00
Madge (large)		3.50	32.00
Klondyke (large)		3.50	32.00
Quinola (bright late yellow)		3.50	32.00
Baby (small button)		3.50	32.00
PINK—			
Lillian Doty		\$3.50	\$32.00
Queen Marie		3.50	32.00

POMPS

BRONZE—		2½-in. plants
		100 1000
Madam La Porte	.....	\$3.50 \$32.00
Mrs. Frank Beu	.....	3.50 32.00
RED—		
La Gravera	.....	\$3.50 \$32.00
BOXWOODS		Each
12-in. in burlap, 35c; in tubs or pots.		\$0.55
15-in. in burlap, 50c; in tubs or pots.		.75
18-in. in burlap, 60c; in tubs or pots.		.85
20-in. in burlap, 75c; in tubs or pots.		1.00
2-feet in burlap.....	\$1.75; in tubs.....	\$2.00
2½-feet in burlap.....	2.00; in tubs.....	2.50
3-feet in burlap.....	2.50; in tubs.....	3.00
3½-feet in burlap.....	3.00; in tubs.....	3.50
4-feet in burlap.....	3.25; in tubs.....	4.50
4½-feet in burlap.....	4.00; in tubs.....	5.00
12x12 in tubs.....	\$2.00; in burlap.....	\$1.50
15x15 in tubs.....	2.50; in burlap.....	1.75
Stevia—Fine 2½-in., \$20.00 per 1000.		
New Pink Snapdragon, 2½-in., \$6 per 100.		
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.		
Table Ferns, 3-in., \$5.00 per 100.		

BEAUTIES, ROSES, SWEET PEAS, LILIES, CARNATIONS, Also Fancy RUSSELL ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of
**Russell, Ophelia, Killarney Brilliant, Pink Killarney,
 White Killarney, Rhea Reid, Richmond and Sunburst.**

PRICE LIST

American Beauties		Per doz.
Extra long stem, specials.....		\$ 4.00
Extra long specials.....	\$12.00 to	15.00
Medium.....	2.00 to	3.00
Shorter lengths.....	.50 to	1.00

Mrs. Russell		Per 100
Extra long stem.....	\$12.00 to	\$15.00
Good medium.....	8.00 to	10.00
Good short.....	4.00 to	6.00

Brilliant, Sunburst, Ophelia, Richmond and Rhea Reid

	Per 100
Extra long specials.....	\$10.00
Long stem.....	8.00
Good medium.....	6.00 to 7.00
Good short.....	3.00 to 4.00

Pink and White Killarney		Per 100
Extra long.....		\$8.00
Good medium.....		6.00
Good short.....		\$3.00 to 4.00

ROSES, our selection, in lots of 500 or more, at the rate of \$20.00 per 1000.

CARNATIONS

Red, extra fancy **Belle Washburn**, \$4.00 per 100; Pink and White, extra fancy, \$4.00 per 100.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.
 Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

EASTER TRADE VERY GOOD.

The Easter trade was very good and much better than anyone expected it would be. The warm weather the early part of the week brought the stock on in large quantities and it is safe to say there were more flowers sold last week than there ever were during any Easter week before. The shipping trade was very heavy and stock was shipped out as fast as it reached the store at good prices considering the tremendous supply there was to offer. The demand did not set in as early as in previous years, and for a time it looked very discouraging, but when the orders did start coming in there was a heavy steady demand and a whirlwind finish with a grand clean-up in practically everything but lilies. The local demand was good the last day and Easter morning and many of the out-of-town florists re-ordered—so taken all in all, trade was very satisfactory and the total sales were far ahead of 1915. Roses especially were in heavy supply and cleaned up nicely, especially American Beauty, Mrs. Chas. Russell, Cecile Brunner, George Elgar, Baby Doll, Fireflame and Ophelia. Richmond, Rhea Reid, Hadley, Milady and Hoosier Beauty cleaned up at an early hour and there were not any too many Prince de Bulgaria, Mrs. Aaron Ward, Sunburst, or Mrs. Moorfield Storey to go around. Killarney and Killarney Brilliant were in good demand but White Killarney could have moved better. Carnations were more plentiful than anyone expected they would be, but all fresh stock cleaned up quickly at good prices, especially red and pink. Enchantress did not move any too well and there was as usual a large sup-

CHICAGO'S BIGGEST LITTLE SUPPLY HOUSE

An entire new line of goods, no left over stock whatever, so you get the best when you order here.

BASKETS

Special \$10.00 Assortment of Cut Flower Baskets for Mothers' Day, in all the desired colors or in any of the two-tone finishes. This is a big bargain so order early.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS FOR MOTHERS' DAY

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

ply of pickled stock seen which kept the price of first class stock down. Orchids and gardenias were very scarce and it was impossible to fill anywhere near the demand. Lily of the valley had a splendid call and while there was a good supply offered it cleaned up early and all the dealers had to refuse orders. Sweet peas were in large supply and of fine quality and cleaned up at an early hour at high prices. Lilies were in exceptionally large supply and sold in large lots at low prices and there were too many left over. Jonquils, daffodils and tulips were none too plentiful and the same holds good for violets, which were in short supply and cleaned up quickly. Snapdragons, Spanish iris, single and double stocks, lupines, pansies, daisies, candytuft, calendulas, lilac, anemones, sweet alyssum, swain-

sona, feverfew, mignonette and other miscellaneous stock cleaned up nicely at good prices especially the Spanish iris and stocks. Ferns sold well and so did smilax and all the other green goods. Wild smilax was very scarce and it was impossible to fill all the orders. Trade since Easter has been very good and so far very few complaints have been heard from out-of-town in regard to the quality of the stock shipped, consequently everyone is happy and more than pleased with the amount of business that was done. The wholesale plantmen report a clean up in all lines and the supply houses had a very good Easter trade. Mothers' day is next on the list and if the readers appreciate a friendly tip they will place their orders well in advance for at present it does not appear as if stock will be any too plenti-

LARGE CUTS OF ROSES FOR Mothers' Day, May 14

Exceptionally Fine White Killarney, Killarney, My Maryland, Richmond, Sunburst, Ophelia, Mrs. Chas. Russell and American Beauties.

CARNATIONS

Good Supply of White, Pink and Red.

While we will have a good supply of Carnations, there will not be enough flowers to supply the demand so push roses on that day. You will find that the public in a great many cases prefer them to carnations, so make allowances for the scarcity of carnations and substitute roses. They will move just as quickly. Make up your order for us today.

When Ordering Remember White Flowers Stand for Mothers' Memory and Colored Flowers for Mothers Living.

Mothers' Day Price List.

AMERICAN BEAUTIES—		Per doz.	MRS. CHAS. RUSSELL—		Per doz.
Extra long stems.....		\$6.00	Specials		\$3.00 to \$4.00
48-inch stems		5.00	Select		2.50
36-inch stems		4.00	Medium		1.50 to 2.00
30-inch stems		3.00	Short .....		.75 to 1.00
24-inch stems		2.50		Per 100	
20-inch stems		2.00			
15-inch stems		1.50			
Short		\$0.75 to 1.00			
Richmond.....					
Killarney.....					
White Killarney.....	Extra select	\$10.00			
My Maryland.....	Select	8.00			
Sunburst.....	Medium	\$5.00 to 6.00			
Ophelia.....	Short	4.00			
Milady.....					

ROSES, our selection.....\$4.00

Carnations, fancy white.....	\$ 5.00 to 6.00
Red and pink	5.00
Harrisii	12.50 to 15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$3.50 .40

2,000,000 Feet of Modern Glass

PETER REINBERG

Wholesale Florist

30 East Randolph St.,

Long Distance Phone
Central 2846
601

CHICAGO

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

NICE CROPS BEAUTIES--ROSES--CARNATIONS FOR MOTHERS' DAY

Place Your Order With Us and You Will Not Be Disappointed.

Mothers' Day Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00
White--KILLARNEY--Pink.	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Good	\$4.00 to 5.00

ROSES, OUR SELECTION \$4.00

CARNATIONS.	Per 100
White	\$6.00
Colored	5.00
LILIES.	Per 100
Fancy	\$12.50 to \$15.00

Miscellaneous.	
Ferns, per 1,000	\$3.50
Smilax, per doz	2.50
Adiantum	1.00
Sprenger, per bunch .....	.50
Asparagus Sprays, bunch .....	.50
Other Green Goods Market Rates.	

ful especially as far as carnations are concerned. Play safe and order early.

NOTES.

The annual Easter flower sale, held April 22 at the Congress Hotel for the benefit of the Home for Destitute Crippled Children, was a great success and large quantities of plants and cut flowers were sold to leading society people. The sale has been severely criticized by the leading local retail florists, who believe that the committee would have the united support of all the wholesale and retail florists if it was held on any other time but Easter, when the trade has to depend upon the sale of flowers and plants for a living. O. J. Friedman attended the sale and proposed to the various officers of the committee and the directors of the home the advisability of abandoning the Easter flower sale and have the society women co-operate with the Horticultural Society and the Chicago Florists' Club at the annual flower show, if one will be held this year. Mr. Friedman's idea tersely explained is that the profits of the show be given to the home of the crippled children and has been invited by the president to give his idea in detail so that it can be given consideration and has promised THE AMERICAN FLORIST a copy as soon as it is ready. He is not looking for any publicity or glory and his name will not appear in any way with the affair, and if no one objects he will present them at the next meeting of the Chicago Florists' Club, to be held at the Morrison Hotel next Thursday, May 4, at 8 p. m.

J. A. Budlong says that their Easter business was fine, especially the shipping trade, which was very heavy. Manager Schupp reports an excellent call for lily of the valley and states

CARNATIONS FOR MOTHERS' DAY

Write for prices.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

that it was impossible to fill the demand, although their regular customers were all pretty well taken care of. This firm is busy planting and is devoting considerable bench space to the new rose Champ Weiland and the miniature roses, Baby Doll, George Edgar and Cecile Brunner. Mrs. Chas. Russell will be grown more heavily and the American Beauties thrown out and Milady will take the place of Richmond. Hoosier Beauty is well liked and will be grown on a large scale next season.

Mrs. Marie Winterson, Miss Jane Winterson, Mrs. M. Wilbur, W. Wilson and T. B. Winterson are helping out the regular force at Winterson's Seed Store during the rush. E. F. Winterson says that the E. F. Winterson's cut flower department showed a big increase in the Easter sales over last year, but that trade in the seed department was not quite as good, but the gain fully offset the difference and left a substantial balance on the right side of the ledger.

Weiland & Risch are showing some fine blooms of their pretty new rose, Champ Weiland, which has every other variety backed off the boards when it comes to color. Several of the large growers in this vicinity have devoted considerable bench space to this variety and they all claim that it is going to be quite a factor in this market next season.

Gunner Nelson, 25 years old, gard-

ener for Frederick Sergeant, of Glencoe, was instantly killed Sunday evening, April 23, when struck by a fast local-bound train on the Chicago and Northwestern railroad at the Green Bay road crossing in that suburb.

Hoerber Bros. had a good call for their fancy snapdragons and gladioli for Easter and sold out completely in roses at an early hour. Judging from the way their stock moved one would say that they had a splendid Easter trade.

Claude H. Remagen, formerly with the Hollywood Gardens, Seattle, Wash., helped out the Alpha Floral Co. during the Easter rush and is now open for a situation with some reliable retail florist.

Nick Speropoulos, proprietor of the Wabash Flower Market, 106 South Wabash avenue, has built up a good trade and reports a very satisfactory week.

Morgan Jensen, 3345 West North avenue, is busy with landscape work and had good retail trade since he bought out L. Hoeckner last year.

H. C. Blewitt of Des Plaines had a fine crop of sweet peas for Easter and realized unusually good prices for all the stock that he cut.

The Chicago Florists' Club will meet at the Morrison Hotel, Thursday evening, May 4, at 8 o'clock.

Mrs. Wm. American Beauty Dittman of New Castle, Ind., was a welcome visitor April 25.

H. VAN GELDER, Pres.

L. M. JONES, Secy.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTSImporters and Jobbers of
Florist Supplies56 East Randolph Street
CHICAGORibbons and Chiffons
Our Specialty

Place Your Orders for Mothers' Day With Us

All orders entrusted to our care at Easter were filled so perfectly that many of our customers have since written us very complimentary letters thanking us for the splendid service that we rendered and for the fine quality of stock that we supplied them.

Many orders arrived late but we stayed on the job nearly 24 hours a day so that no one would be disappointed and are always ready to do the same for you. We fully appreciate what it means for the out-of-town florists to have their stock reach them on time and make every effort to see that it reaches them when it is needed.

For Mothers' Day we are going to have a liberal supply of Carnations, Roses and all other seasonable stock and earnestly solicit a share of your patronage. Always remember that

YOU CANNOT buy our quality of Flowers elsewhere at a lower price, and
YOU CANNOT buy our quality of service, elsewhere, **AT ANY PRICE.**

Very truly yours,

PERCY JONES.

Chicago's Largest Dealers in Decorative Greens

Large Supply of Fine Stock for

MOTHERS' DAY--MAY 14

*White Flowers for Mothers' Memory;
Bright Flowers for Mothers Living.*

Roses and Carnations as usual will be our leaders but we are strong on all seasonable stock and will fill your orders to your satisfaction at prices that are reasonable. It is advisable to place your order early for there is always a big demand for stock and by doing so you will avoid disappointment.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph St.,

L. D. PHONE,
RANDOLPH 6578

Chicago Ill.

Peter Reinberg's Easter sales were the largest in years and Felix Reichling and his able assistants had no trouble in disposing of the stock as fast as Emil Reichling sent it in from the greenhouses, and so far no complaints whatever have been received in regard to the quality of the stock that was shipped out. Emil Reichling has finished planting all their carnations out in the field and is almost through planting the roses.

Wietor Bros. have not had time yet to compare their Easter sales with last year, but there is no doubt but what

they will be greater than in 1915, for they sold out nicely in all lines at an early hour. They had a splendid supply of carnations and filled all their orders in full, and supplied several of the other wholesalers with stock. They are busy as bees planting this week and the work is already well under way.

A. L. Vaughan & Co. have enjoyed splendid business all through April and the total sales, including Sunday, April 23, are \$1,100 ahead of the entire April sales during 1915. The shipping trade last week was exception-

ally heavy, especially on Thursday and Friday, April 20-21. The demand this week is starting off good and it appears as if it will keep up the balance of the week.

Zech & Mann handled a tremendous supply of sweet peas last week and sold out completely at an early hour at good prices. Allie Zech says that he does not remember a time when such a large quantity sold so well and gave such good satisfaction as they did then. Last week's business was exceptionally heavy and shows a big gain over last year's.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Poehlmann Bros. Co. has had a banner Easter trade in all departments of their business, especially as far as cut flowers and plants were concerned. This firm is cutting a splendid supply of Mrs. Chas. Russell roses which are unsurpassed for quality in this market and are also showing some splendid cut lilies. In the supply department the force is busy making up magnolia and cypress wreaths for Memorial day. T. E. Waters is of the opinion that these wreaths would be a splendid seller for Mothers' day if they were pushed and his idea seems to be a very good one, for it opens a new avenue of business and there is nothing that would appeal to one's sentiment more than the placing of a wreath on his mother's grave on this occasion. It would be well worth trying and would surely result in good business if presented to the customers in the right light.

John Popesiu, a watchman at the George Wittbold Co.'s store and greenhouses on Buckingham place, was tied hand and foot and beaten with an iron bar early Sunday morning, April 23, by three safeblowers who became angered at his refusal to tell them the location of the safe. The men left without obtaining any valuables, leaving him lying in the basement, where he managed to liberate himself and notify his employers. He was taken to the Alexian Brothers' Hospital and is reported to be well on the road to recovery.

Manager Van Gelder says that Percy Jones' Easter sales last week were the best in years and surprisingly large. The entire store force worked early and late so that all the orders could be filled on time, and many testimonial letters were received this week from their customers complimenting them for the splendid shape in which they handled their orders.

Bassett & Washburn had a big call for their new carnation Belle Washburn for Easter and sold out all the stock they had to offer in this variety at the highest market prices. This firm never had a better business nor such a large supply of stock to offer as they did last week and are more than pleased with the total sales, which proved a record breaker.

Miss Greeley is again in the employ of the John Kruchten Co. and will have charge of the wholesale plant and supply department which has just been added to their line of cut flowers. She is well experienced in this line and

needs no introduction to the trade. Baskets, boxes and a general line of staple supplies will be carried and will be on display in a few days.

A. T. Pyfer & Co. sold out as clean as a whistle for Easter and the sales were very large, especially as far as the out-of-town orders were concerned. They had a fine supply of roses from the Pyfer & Olsem range at Wilmette and a large quantity of carnations from their regular shippers. Pyfer & Olsem had a fine trade at their Wilmette store, where H. E. Philpott helped out during the big rush.

The Central Floral Co. spent their first Easter in their new store on North State street and had all the orders that they could handle. While plants were handled on a large scale, cut flowers were the principal offering and sold much better than the proprietors had any idea of. Peter Duris kept making trips to the market as quickly as the stock was disposed of and kept the place looking like a first class store all the time.

Joseph Ziska, Jr., a member of the firm of Joseph Ziska & Sons, stole a march on his many friends in the trade Wednesday, April 26, when he was quietly married to Miss Rose Sula, a pretty young west side society girl. This is leap year, so we cannot blame him for taking a sudden plunge in the matrimonial sea. Who is next?

Erne & Klingel had a very fine Easter trade and cleaned up nicely in all lines with the sales running considerably ahead of 1915. The shipping trade especially was very good and their customers must have cleaned up pretty well, for orders have been numerous since Sunday.

The E. C. Amling Co. had a dandy supply of sweet peas for their Easter trade and sold out almost as quickly as the stock reached the store. The varieties Anita Wehrmann and Yarra-wa sold best and brought the highest market prices.

At Kyle & Foerster's store a heavy demand was experienced for gardenias for Easter and the shipments were quickly disposed of. Sweet peas also sold exceptionally well and a cleanup in these and all other lines was experienced.

Bernard Schmirer, proprietor of the North Shore Floral Co., had such a splendid trade last week that he is going to install a complete set of new store fixtures so as to keep step with the times.

Mothers' Day Price List

(In effect May 9.)

ROSES Per 100

Mrs. Chas. Russell.....	\$6.00 to \$12.00
Ophelia.....	Special.....10.00
Sunburst.....	Long.....8.00
Killarney.....	Medium.....5.00 to 6.00
W. Killarney...	Short.....4.00
Kill. Brilliant..	

CARNATIONS

De Luxe, select.....	6.00
Choice colored.....	5.00

Miscellaneous

Callas.....	\$8.00 to \$10.00 per 100
Lilies.....	8.00 to 10.00 per 100
Lily of the Valley, \$4.00-	5.00 per 100
Mignonette.....	4.00 to 5.00 per 100
Spanish Iris.....	4.00 to 6.00 per 100
Sweet Peas.....	1.00 to 1.50 per 100
Ferns.....	3.50 per 1000
Asparagus.....	bunch, 35c to 50c each
Sprengeri	bunch, 25c to 35c each
Galax	\$1.00 1000

Subject to Market Changes.

George Manos, the Union Depot Florist, says that he never had such a splendid trade before as he did last week and that he could have sold more plants on Saturday if they were obtainable.

The Chicago Flower Growers' Association reports the best Easter trade in the history of the firm. Fred Stielow is shipping a nice supply of feverfew to this firm of which he is a member.

Chris. Pederson says trade could not have been any better at his East Randolph street store and if it was he would not have been able to handle it, and that he sold out completely as it was.

Miller & Musser had a heavy run on Southern jonquils all last week which they handled in quantity and brought very satisfactory prices. Narcissus poeticus is a leader here this week.

At O. A. & L. A. Tonner's store the report is that their Easter trade in both the cut flower and supply departments was very good and much better than they expected it would be.

W. H. Kidwell & Son never had a better Easter trade and sold out well in all lines. This firm handled a large supply of cut flowers as well as plants which they grow themselves.

Robert Northam says that Richmond roses were very good property at George Reinberg's store last week and that it was impossible to supply anywhere near the demand.

M. C. Gunterberg was well pleased with her Easter business and experienced a general clean-up until the morning of April 23, when the demand first began to slacken.

The Chicago Floral House had their share of trade and did splendidly at both their East Randolph and North State street stores.

The A. L. Randall Co.'s traveling men are getting ready to start out on the road again after helping the regular store force out with the heavy rush last week.

It is rumored that Ernest Farley, with A. T. Pyfer & Co., will join the ranks of the benedicts, next Saturday, April 29.

A baby boy arrived last week at the home of August Jurgens, Jr., at Ridge Lend, Miss.

Mrs. A. C. Rott, of Joliet, was a visitor at Zech & Mann's store this week.

Wm. Wienhoeber is having a dandy time with his new Moline touring car.

Ed. Siebrecht has accepted a position with the C. A. Dahl Co., Atlanta, Ga.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

BEAUTIES, ROSES, CARNATIONS, ETC.

Get Our Quotations on Roses and Carnations for Mothers' Day

CURRENT PRICE LIST

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$5.00
30 to 36-inch stems.....	4.00
20 to 24-inch stems.....	3.00
15 to 18-inch stems.....	\$2.00 to 2.50
12-inch stems	1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good.....	5.00 to 6.00
" short.....	2.00 to 4.00

	Per 100
Richmond, fancy	\$8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$7.50
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Carnations.

	Per 100
Carnations	\$3.00
" special fancy	2.00
" splits	1.50

Easter Lilies.

	Per 100
Select	\$12.50
Shorter	\$8.00 to 10.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquils	3.00 to 4.00

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays.bunch,	\$0.35 to .50
Sprengeri	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1,000,	3.00
Galax Leaves.....per 1,000,	1.00
Boxwood, per lb., 25c; 50-lb.	case
Pussy Willow.....per bunch,	.35 to .50

Curtis Kindler of the Raedlein Basket Co. says that the demand for Easter baskets was better than ever this year, but that the orders did not arrive as early as in 1915, consequently six weeks of business was practically crowded into four.

Al. Fischer says that his Easter sales were very satisfactory and sold out completely. He was in the market bright and early Monday morning buying stock to start another week with.

Sinner Bros. had a good Easter trade and while the sales were very satisfactory John Sinner says that they could have been much better.

Kennicott Bros. had a nice supply of stock to offer for Easter, particularly fancy sweet peas, which were in brisk demand.

Wm. T. Shield, president of the Pasadena Horticultural Society, Pasadena, Calif., was a visitor this week.

Minneapolis.

BUSIEST WEEK IN HISTORY.

The past week has been the banner one in the history of the trade in this city, with an abundance of all seasonable plants, with the exception of azaleas in small sizes. Cut flowers were plentiful with the exception of sweet peas, violets and lily of the valley. Roses brought from four cents to 20 cents, with carnations priced from three cents to eight cents for fancy stock. Sweet peas sold at from \$1 to \$2.50 per hundred, while violets were not to be had except in the case of a few favored customers. Sweet peas cleaned up Saturday and by Sunday violets were nowhere to be seen. Lily of the valley was another article that closed out Saturday.

NOTES.

The L. S. Donaldson Co. had three

large windows filled with large azaleas, rhododendrons and lilac, while another window display consisted of rambler roses. W. D. Desmond says this was the best Easter trade in the history of the firm. Thirty-two extra salespeople were employed and they had to turn down orders in some lines, especially lily of the valley and sweet peas.

Reports from St. Paul are most flattering. Holm & Olson report the largest Easter business in their history. Sunday morning they used 140 extra boys as special messengers to insure prompt deliveries.

Oscar Amundson added 12 extra people to his force and used four extra automobiles in his delivery service. A new stenographer and a cashier are additions to his store force.

H. B. Whitted filled the windows with empty pots, accompanied by a sign, telling the after-effects of the Easter demand at both stores.

Will Bros. were swamped with orders, but managed to divide the supply and satisfied their customers. Their stock sold at sight.

Visitor: Frank McCabe, representing A. L. Randall Co., Chicago.

T. C. R.

Louisville, Ky.

A suit was filed this week for a receiver for the Kentucky Nursery Co., Inc., Borne Gardener, R. I. Cullen and others, alleging mismanagement and of disposing of 30 acres of land in such a way as to injure the stockholders and the assets of the concern.

On April 20 this city and vicinity was visited by a heavy rain storm and hail. While the hailstones were large they seemed to be soft and not much damage was done, although it gave the florists a scare.

Retail Florists



Now is the time to prepare your advertising for May, covering

Spring Planting Mother's Day
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Mention the American Florist when writing

NEWARK, N. J.—The sale of the contents of the retail store of H. C. Stroebell & Co. on Broad street, the greenhouses on Elizabeth avenue, and an automobile, which brought \$1,144, was confirmed by Bankruptcy Referee Porter, April 12.

ESTHERVILLE, IA.—Mrs. M. E. Jehu, more than 72 years old, is owner of the Estherville greenhouses, the largest institution of the kind in northern Iowa. She personally drives an automobile for business and pleasure. Mrs. Jehu established the business in a small way when the town was founded, more than 20 years ago, and now has 10,000 square feet of glass and a prosperous business.

Why not use Choice Stock
We Can Always Supply It

FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprengeri, Adiantum, as well as other Seasonable Stock and Greens.

Also a large supply of our famous **Blue Ribbon Valley**, which is recognized by city buyers to be the best Valley on the Chicago market. Order some and be convinced.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Milwaukee, Wis.

1916 EASTER TRADE WAS A HUMMER.

A deep breath, and everybody is thankful that Easter is a thing of the past, for with few exceptions it was a hummer, practically everything worth while cleaning up in great shape, the most unpleasant feature being that most of the retail business was done the last two or three days. It took folks a long time to get started, but "all's well that ends well." In general, blooming plants took the lead, with cut flowers a close second. In plants, Easter lilies predominated, while the supply in roses, azaleas, lilac, spirea, hydrangeas, daisies, etc., was so great that one really felt dubious as to the outcome at first. But as before stated, Friday and Saturday cleaned up everything in a hurry. In cut flowers, lilies, as usual, came to the front at regular prices. A very large quantity of roses were also disposed of at nearly regular prices. There were just about enough good carnations to fill all orders at \$2 to \$5 per 100. There was an unusually heavy demand for some of the smaller flowers fit for corsage bouquets, etc., such as sweet peas, lily of the valley, Spanish iris, daffodils and the like, and supply in this line was not overabundant; in fact, good lily of the valley was a rather scarce article by Saturday evening. On Tuesday preceding Easter, the weather turned very warm, softening up the exposed stock, which was no benefit; after that, though the weather for the most part was cool and cloudy, the thermometer going down to 36 degrees on Friday night, kept stock in A-1 shape. On Saturday, it was cool, with a little rain now and then—just enough to expect the flower buying public to stay away, but results proved just the opposite.

NOTES.

On April 19, between 5 and 6 p. m., one of the most destructive hail storms for many years past swept along the northern end of our city, doing considerable damage to glass and stock of those florists located in that vicinity. Starting on the west end, Fred Ernst lost most of his glass and Easter stock,

of which he had his full supply at that time. Chas. Menger, near-by, suffered the same as Mr. Ernst. As we go down the way, Rudolph Preuss, Gust Holtz, Kummer Floral Co., E. Haasch, A. Tasky, Fred Gutermuth, Schroeder Floral Co., Emil Welke—all within the city limits—were hit hard. Kamp & Spinti, wholesale growers, on the Green Bay road, were the only ones who reported any loss up to now. North Milwaukee and Brown Deer plants were left intact. The storm path raging from west to east, it seems remarkable that F. Schwebke, G. Baerman & Sons and the Heitman-Oestreicher Co., who are located on the extreme west end of this area, were left undamaged. Fortunately, the weather following the storm was mild for had it gone down to the freezing point the loss in most cases would have been total.

All our wholesale houses, namely, Holton & Hunkel Co., Gust. Rusch & Co., and the C. C. Pollworth Co., handled immense quantities of cut flowers and report shipping trade in both flowers and plants are very satisfactory.

It was impossible at times to give satisfactory attention to the crowds who waited for service at the Gimbel Bros. flower stand, according to Archie McDonald, who has charge of this department.

J. M. Fox & Co., Inc., utilized an extra large window for displaying made-up baskets and specimen plants, and the results were very satisfactory. The sale of cut flowers was ahead of last year.

The funeral of our esteemed ex-mayor and governor, Geo. W. Peck, who through his literary ability won a national reputation, called for many floral tributes Tuesday, April 18.

The few retailers visited on Saturday late in the afternoon were pretty well cleaned up in the plant line, with most of the cut flower orders still on file.

The Baumgarten Floral Co., Edlefsen-Leidiger Co., M. A. McKenney Co., and Currie Bros., all put on extra fine window displays, which undoubtedly was the cause for a most favorable report from all.

Wm. Zimmermann, who moved only

a short time ago, reports an increase all around over the Easter of 1915. More lily of the valley could have been disposed of had the supply been ample.

Some of the finest pot plants seen in the market for the holidays came from the greenhouses of A. M. Dettmann & Son.

Walter M. Maas & Co. report moving an enormous lot of pot plants, with cut flowers a close second. E. O.

Cleveland.

COMPLETE CLEANUP OF EASTER STOCK.

Every florist heard from, reports the biggest Easter trade in years; this is also affirmed by wholesalers and growers of both cut flowers and plants. Although it rained almost continuously, Thursday, Friday and Saturday, and also part of Sunday, there was an enormous amount of cut flowers and plants sold. Corsages were seen everywhere, although the only time they could show them to advantage was a few hours Sunday afternoon when the sun shone for a short time. Violets were very poor, the later shipments arriving somewhat better as to quality, but did not arrive until late Saturday afternoon. Lily of the valley was scarce, and what did arrive locally, was of poor quality. Of sweet peas there were not nearly enough to go around. Carnations cleaned up entirely and were short of the demand. Roses were more plentiful; some wide open stock went to the street fakers, but good stock was in good supply and cleaned up nicely, a few white Killarney being the only thing left on the tables by Sunday noon. Greens of all kinds were plentiful, but cleaned up. Southern smilax was used quite extensively for decorations, but the season is late and stock was poor. From now on huckleberry will be used. Snapdragon was plentiful, but in good demand. Bulbous stock, tulips and daffodils were in good supply and sold well. Easter and calla lilies as usual sold well and the supply was good. Long American Beauties and Ward roses were far short of the demand. As usual some growers had pickled stock, or stock that should have been cut the week before, and

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

Roses and Carnations for Mothers' Day

SUNDAY, MAY 14.

PLAY SAFE—ORDER HERE. Seventy-five expert growers consign their stock to us which places us in a position to take splendid care of your order. Everything you want in Roses and Carnations for Mothers' Day and at all other times in addition to a most complete line of all other Seasonable Cut Flowers and Greens. Again we advise—**PLAY SAFE—ORDER HERE.**

MOTHERS' DAY PRICE LIST. Subject to Change Without Notice.

AMERICAN BEAUTIES.		FIREFLAME.		MISCELLANEOUS.	
Per doz.				Per 100	
Extra long stem, specials.....	\$5.00 to \$6.00	Extra fancy	\$6.00	Callas	\$12.50 to \$15.00
Medium	2.00 to 4.00	Good medium	4.00	Valley	4.00 to 5.00
Shorter lengths .....	.75 to 1.50	Good short	3.00	Sweet Peas .....	.75 to 1.50
MRS. CHAS. RUSSELL.		CECILE BRUNNER.		GREENS.	
Per 100		\$ 3.00 to \$ 4.00		Asp. Plumosus....per string,	
Extra fancy	\$20.00	Good		Asp. Plumosus Sprays..bunch,	
Good medium	\$10.00 to 15.00	Roses, Our Selection.....	\$4.00 per 100	Sprenger	
Good short	6.00 to 8.00	ORCHIDS.		Adiantum	
BRILLIANT, SUNBURST, OPHELIA,		Cattleyas		Smilax, choice	
RICHMOND, WARD, MILADY AND		per doz., \$6.00		Fancy Ferns	
KILLARNEY QUEEN.		CARNATIONS.		Galax Leaves	
Per 100		Per 100		Boxwood, per lb., 25c.....	
Extra fancy	\$10.00	White .....		.....50-lb. case,	
Good medium	8.00	\$5.00 to \$6.00		Pussy Willow.....per bunch,	
Good short	4.00 to 6.00	Colored .....		.35 to .50	
KILLARNEY, WHITE KILLARNEY.		EASTER LILIES.			
Per 100		Select			
Extra fancy	\$ 8.00 to \$10.00	\$10.00 to \$12.50			
Good Medium	6.00 to 7.00				
Good short	4.00 to 5.00				

this went bad or was sold cheap to the street fakers, but everything went.

NOTES.

Tim Smith, in his store just opened at East 46th street market house, reports a very satisfactory Easter business. As he has been open only a week or two, the results show that the location is a good one, and future business looks very promising. This store was beautifully decorated with plants and cut flowers, the balcony in particular being decorated very artistically.

At Westman & Getz', Miss Getz reports business way beyond any former Easter. Plants sold best for this day, but cut flowers, especially corsages, increased in proportion, and only about a dozen plants remained Monday morning. Not enough corsage flowers could be had to fill some of the late orders.

Frank Ritzenthaler, of Knoble Bros., reports they could not take care of all the business, especially in corsage work, not enough stock being obtainable to fill. Late orders were turned down. Best business ever.

C. W. Wagner reports that plants were leaders with him, although cut flowers sold well. He says violets were poor, sweet peas good, and stock of all kinds plentiful. All deliveries were on time.

Wm. Bramley, of Bramley & Son, said it would take several days to figure up how much increase in sales, but he cleaned up on plants and cut flowers. Corsage sales were also very good.

Wm. Kruzen, the new manager of the Smith & Fetters Co., was a very happy but tired man as the result of his first holiday. Business was better than ever, and everything sold.

The Jones Russell Co. reports double the business of any previous Easter,

with not enough stock for corsage work. Some stock was quite poor; later shipments better as to quality.

At the J. M. Gasser Co.'s retail store, F. C. W. Brown says: "The very best ever." Stock was good and plentiful, except sweet peas.

Graham & Son report a very good Easter. Some stock was poor, but everything sold well—both plants and cut flowers.

C. F. B.

Columbus, O.

BIG GAIN OVER 1915 EASTER SALES.

A canvass of leading florists shows that there was a gain of about 25 per cent in the volume of Easter trade, as compared with a year ago. More than at any previous time the demand ran to corsage flowers. This created a famine in most everything entering into such use, except roses. Though the sale was heavy on the latter, there was a great supply to draw from. Lily of the valley was perhaps the scarcest article of stock, and was early exhausted, readily commanding \$1. Violets were also limited in quantity, and the quality poor, at \$1.50 a hundred. Florists regret that they could not have foreseen the great demand for sweet peas. Cuttings were large, but not equal to requirements. They sold from 50 cents to 75 cents a hundred. In the more standard flowers, prices were not so good as last year, florists fearing a glut because of the larger supply in almost everything. Carnations which brought \$1 last Easter sold this year for 75 cents. Roses, which sold from \$1 up, were on the whole cheaper than normal. Cuttings of lilies were the slowest feature of the cut flower trade. In pot plants, the Easter lily trade was enormous, but had been met with unusual preparation. Former prices of

25 cents a bloom prevailed. They are still a plentiful feature of stock. Azaleas moved freely at \$1.50 up. Snapdragons proved to be very active at 75 cents to \$1.50. Miscellaneous bulbous stock was quite well cleaned up, tulips being the most lifeless. Daffodils and spires were also a little weak as compared with other plants. Early buying was more in evidence than usual.

NOTES.

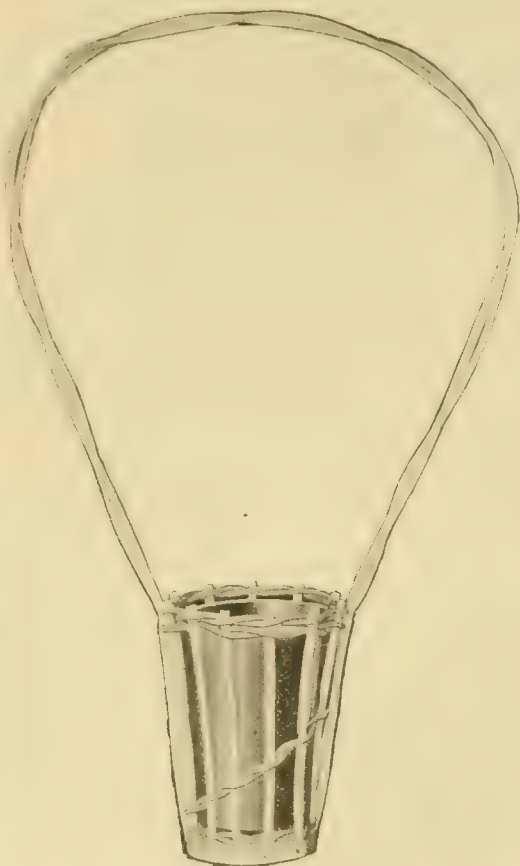
Several florists were having a Monday morning rush following Easter, as the result of heavy orders for the funeral of W. A. Hopkins, prominent business man and clubman, which occurred on the afternoon of that day. A blanket of pansies, swainsonas and lily of the valley, costing \$100, was furnished by the Livingston Seed Company, also between \$200 and \$300 worth of smaller orders. Another florist had orders aggregating \$100 for the same funeral.

Opening of the new Z. L. White department store was marked by 65 floral offerings from business friends, mostly out of the city. One Columbus florist furnished 28 of these pieces, running up to nearly \$400. The same firm also furnished six elaborate pieces for the opening of a new shoe store last week.

Early on Easter eve the Munk Floral Company was obliged to close its doors against customers for a time until the crowd inside could be waited upon. There was an unprecedented demand from people living or going out of town who were hurrying to trains.

Two new machines, a Reo and a Ford, have been added by the Livingston Seed Company, giving that company a delivery force now of five motors.

J.



Order Now for Mothers' Day SUNDAY, MAY 14.

Assorted Reed Baskets. Suitable for all Seasonable Cut Flowers. 25c., 30c., 35c., 40c., 50c. each.

30 Assorted Reed Baskets \$7.50

A Big Bargain, so send in your order as early as possible. DO IT NOW.



Write for our special illustrated folder on Combination Porch and Window Baskets, Hanging Baskets, Ferneries on Stands, etc.

RAEDLEIN BASKET CO.,
713 Milwaukee Ave., CHICAGO.

Fort Wayne, Ind.

Despite unfavorable weather conditions, Easter business far exceeded that of a year ago, in fact, went ahead of the record for several years previous. The demand was for cut flowers and plants of the better grade and higher prices. The plant sales surpassed those of any previous year. Everything in the way of a flower was in demand, and as the supply was plentiful, sales surpassed all expectations.

NOTES.

The Doswell Floral Co. were completely sold out of plants, and had a big call for cut flowers. The stocks of sweet peas, roses and carnations, all of which they cut in large quantities, were high in quality.

Ed. Wenninghoff opened a temporary store for his Easter trade in addition to his permanent establishment. He made splendid displays at both locations and did a record business.

W. J. & M. S. Vesey report a complete sell-out of bulbous stock. They cut quantities of fine cattleyas, but did not have nearly enough to supply the big demand.

Ed. Hauswirth, formerly with the Bradley Flower Shop of this city, and more recently of the Chicago market, will open a store at 220 Berry street early in May.

A. J. Lanternier featured fine azaleas, rhododendrons and ericas, among a good assortment of other stock, and reports business far ahead of 1915.

The sale of plants at the Flick Floral Co.'s establishment was unequalled. A large force worked day and night in getting out orders.

Markey Bros. had a splendid trade in their new store, both cut flowers and plants selling well. H. K.

NEW CROP FERNS

Fancy, \$1.35 per 1000; Dagger, \$1.15 per 1000.

Special Quotations for Weekly Shipments.

E. A. BEAVEN, - - - Evergreen, Ala.

Pittsburgh.

"BANNER BUSINESS" UNANIMOUS REPORT.

"The best Easter ever" is the unanimous sentiment of all the Pittsburgh florists, which is in turn endorsed by all the trade in the contiguous territory, the majority of the happy ones reporting to have sold everything in stock. There was plenty of money in circulation in the city, which may attribute an explanation of this banner holiday of all times. Our factories and mills have been operating, both night and day, with the result that prosperity is more than evident everywhere. In most cases business ran far ahead of expectations, and much more could have been done had there been more stock to offer than was had. A marked scarcity prevailed in violets and sweet peas. The former were very good, considering the lateness of the season, but the shippers were able to supply only about 40 per cent of their estimates made a week or so before Easter. The sweet pea growers fell down badly on their promises also, as crops failed to produce when they were needed. Serious disappointments were caused on this account. The supply of carnations, yellow daisies, lilies and bulbous stock was plentiful, while lily of the valley and roses were very shy. Pot stock of all kinds sold well, and some very

fine plants of lilies, hyacinths, azaleas and spireas were displayed by the retailers. Monday found hosts of stiff joints and sleepy eyes, but there will be plenty of time to rest until the next big rush on Mothers' day, Sunday, May 14.

NOTES.

During the Easter rush, Jack O'Leary had the misfortune of losing a highly coveted diamond ring, but was much relieved when an honest man returned it the following day, in answer to a newspaper advertisement. Hereafter Jack intends leaving his valuables at home during a holiday business, which is not a bad idea.

Thomas Joyce reports an entire cleanup on everything he had in Easter stock. He is now featuring a small basket of artificial roses at his stand in the Pittsburgh market.

The Highland Flower Co. has opened for business at Wellesley avenue and Farragut street, East End, in the greenhouses adjoining the old Peacock estate.

In the Diamond Theatre building, East Liverpool, a flower shop has opened under the name of The Diamond Floral Co.

The E. C. Ludwig Floral Co. cut heavily on lilies, daffodils, tulips and lily of the valley for their Easter business. M.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss\$1 75 per bag
Perpetuated Moss 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. **Chicago**
Store: 162 N. Wabash Ave.,

BEACON, N. Y.—Benjamin Hammond, the well known insecticide manufacturer and founder of the school garden brigade here, has issued his annual invitation to the school children to participate in the movement under the alluring head of "the call to the colors."

New Crop of Carnations

Freeseias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.

751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	1 00@ 3 00
	Per 100
" Beauty, short.....	\$6 00@ 8 00
" Hooster Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Shawyer.....	2 00@10 00
" Milady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Cecile Brunner.....	3 00
" George Elgar.....	3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	1 50@ 4 00
Cattleyas.....per doz., 6 00@ 8 00	
Gardenias.....per doz., 3 00@ 4 00	
Jonquils.....	1 00@ 3 00
Tulips.....	3 00@ 4 00
Lilium Harrison.....	10 00@12 50
Mignonette.....	6 00
Romans.....	3 00@ 4 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Snapdragons.....per doz., 75@1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Anemones.....	4 00@5 00
Calendulas.....	3 00@4 00
Ferns.....per 1000, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumosa Strings.....each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprengeri, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

EASTER SALES SET HIGH RECORD MARK.

There are 300 or more flower shops in this city, every one of which was taxed to the utmost to handle the business of this great season. In addition there were countless numbers of small dealers—squatters, whose stock overflowing from temporarily vacant stores, lining the curbs in all the busy commercial residence centers. The department stores had their usual large quota, while all the 5 and 10 cent palaces sold lily plants at 10 cents per flower and bud, handling them in some cases in thousand lots. The wonder is where all the stock came from, yet on Saturday an immense lot was dumped on the city hall pavement by some of the growers who had not sold out, much of it not being ready in time, and offered to the passing throngs at their own price. The weather was good all week, cool but pleasant. It rained hard late on Friday, cleaning up the streets for Saturday's business, which was immense. Everybody in all the various branches, stores and street men, appear to have sold out. The growers who had their stock in, moved it without trouble. Owing to the continued cold weather, a few of them missed with their roses and hydrangeas. Easter lilies were sold in quantity at low figures—\$7 per hundred flowers and buds on the plant was the price to the department and 10-cent stores. This was mostly for short plants and much of such stock was seen. An effort was made to have the better department stores agree to sell at 15c per flower and bud, but 10 cents and 12 cents was the ruling price.

NOTES.

Across the river in Camden flowers were everywhere. All the storekeepers carried large stocks and the report was general that it was the largest business ever experienced. The Quality Flower Shop enjoyed an excellent business, cleaning up everything saleable, a great increase over last year. An Overland truck has been added to their delivery service. Edward Reid sent over his Vim car for Saturday deliveries. J. M. Thoires had an excellent business, as did Wm. Vogt Jr., both of whom carried a splendid line and had very little left.

The wholesale cut flower men enjoyed a splendid business. Edward Reid, the "sage of Ranstead street," declared it to be the best ever. Cattleyas were among the scarce articles. Bruce Griffin was there with the goods and sent him almost 1,000 flowers. Lily of the valley, another favorite and shy, was handled in quantity, some 30,000 sprays going out; also Easter lilies by the thousand. On the Monday following he was all smiles from a large bunch of Southern orders just in.

The S. S. Pennock-Meehan Co. had a wonderful business. Easter and calla lilies, white daisies and snapdragon were in too large supply, but the market cleaned up with most everything else. There were plenty of double violets, but few good ones, and there was a great demand for everything fine. A shipment of peonies, the first,

Wholesale Flower Markets

BOSTON, April 26.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, April 26.		Per 100
Extra Special Beauties.....	35 00@40 00	
Roses, Killarney.....	4 00@10 00	
" White Killarney.....	4 00@10 00	
" My Maryland.....	6 00@10 00	
" Killarney Queen.....	4 00@ 8 00	
" Richmond.....	4 00@10 00	
" Sunburst.....	4 00@10 00	
" Ward.....	4 00@ 6 00	
" Taft.....	4 00@10 00	
" Opelia.....	6 00@10 00	
" Francis Scott Key.....	8 00@15 00	
" Shawyer.....	4 00@10 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 5 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@ 3 00	
Snapdragons.....	6 00@10 00	
Violets.....	50 @ 60	
Yellow Tulips.....	2 00@ 3 00	
Daffodils.....	2 00@ 3 00	
Paper Whites.....	2 00@ 3 00	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....	per 1000, 3 00	
Smilax.....	15 00	

CINCINNATI, April 26.		Per 100
Roses, Beauty.....	per doz., \$1 50@5 00	
" Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
" Taft.....	3 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	8 00@15 00	
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., 6 00@7 50	
Carnations.....	2 00@ 4 00	
Rubrum Lilies.....	3 00@10 00	
Double Violets.....	35 @ 1 00	
Sweet Peas.....	25 @ 1 00	

were a novelty. They came from South Carolina.

Edwards Floral Hall Co., of Atlantic City, had a splendid trade. As an experiment this firm sent out telegraph blanks with its address printed and also a notice that all orders could be sent collect, and it would allow the usual commission. These were sent to all F. T. D. members and other prominent florists. Many responses from this new field was the result.

Splendid business was the word with the Berger Brothers, there being a great demand for everything. Because of the quantity easter lilies appeared to hang fire, but a lot were moved late in the day. Sweet peas were in great demand, as was lily of the valley.

The Leo Niessen Co. turned over an immense stock. American Beauties and other roses were handled in large quantities; sweet peas by the hundred thousand, carnations the same. There

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

**226 DEVONSHIRE STREET,
BOSTON, MASS.**

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

**Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS**

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

**Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.**
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

were too many Easter lilies, callas and white daisies. It was a great Easter here.

At the Forrest Flower Shop, a novelty was a lot of fancily dressed kewpies, amongst them a bridal party.

CC POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of Choice Cut Flowers and Greens

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

These little figures attracted great attention. Choice Easter plants were also a feature.

In the Pennock Brothers' store, together with made up plant baskets, there were used birds' nests and bird sticks, a very pleasing combination.

T. Nelson Geiger was well stocked with Easter plants in his beautiful store and business was very satisfactory.

K.

Albany, N. Y.

The reforestation of 8,000 acres of land in the state was begun last week. Of the amount, 5,000 acres are owned by the state, and 3,000 acres by private individuals. The planting this spring on the part of the state will include 3,000 acres at Saranac Lake, Indian Lake, Lake Clear Junction, and Mountain Pond in the Adirondacks; 2,000 acres more will be completed in the fall. The number of trees set out on state land this year will total 5,000,000; on private land, about 3,000,000.

Among the bills passed by the state legislature, which adjourned April 20, was one introduced by Senator Henry M. Sage to authorize the purchase by the city of Albany of a tract of land on New Scotland avenue, owned by the county, on which to erect a greenhouse. The greenhouse will be a part of the equipment of the park department.

At the meeting of the Albany Florists' club on the evening of May 4 an illustrated lecture on "Orchids" will be delivered by Prof. Edward A. White of the department of floriculture, Cornell University. The lecture will be held in the auditorium of the State Education building.

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206 444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lillies, Callas and Rubrum Lillies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, April 26.			Per 100
Roses, Beauty, extra.....	50 00	@	65 00
first.....	20 00	@	35 00
" Mrs. Chas. Russell.....	8 00	@	15 00
" Killarney.....	3 00	@	10 00
" White Killarney.....	3 00	@	10 00
" Liberty.....	5 00	@	15 00
" Hadley.....	8 00	@	12 00
" Sunburst.....	4 00	@	12 00
" Ophelia.....	5 00	@	12 00
" Hoosier Beauty.....	6 00	@	20 00
Carnations.....	2 00	@	4 00
Cattleyas.....	35 00	@	50 00
Callas.....	10 00	@	12 00
Lilium Harrisii.....	12 00	@	16 00
Lilacs..... per bunch, \$1.00@	\$1.50		
Sweet Peas.....	1 00	@	2 00
Snapdragons.....	8 00	@	20 00
Calendulas.....	4 00	@	5 00
Mignonette.....	3 00	@	5 00
Violets, single.....	50	@	75
Asparagus..... per bunch, 50			
PITTSBURGH, April 26.			Per 100
Roses, Beauty, special.....	40 00		
fancy.....	30 00		
" extra.....	20 00		
" No. 1.....	12 00		
" Killarney.....	4 00	@	12 00
" My Maryland.....	4 00	@	12 00
" Sunburst.....	4 00	@	12 00
" Mrs. Aaron Ward.....	4 00	@	8 00
" Richmond.....	4 00	@	15 00
Cattleyas.....	50 00		
Lilium Giganteum.....	12 00		
Sweet Peas.....	50	@	1 50
Spanish Iris.....	6 00		
Daffodils.....	3 00		
Yellow Daisies.....	2 00		
Carnations.....	3 00		
Adiantum.....	1 25		
Asparagus Sprengeri, per bunch, 35	@	40	
MILWAUKEE, April 26.			Per 100
Roses, Killarney and W. Killarney	3 00	@	8 00
Ward.....	3 00	@	8 00
" Mrs. Chas. Russell.....	6 00	@	25 00
" Ophelia.....	3 00	@	8 00
" Hoosier Beauty.....	3 00	@	8 00
Lilies..... per doz., 1.50			
Cattleyas..... per doz., 6 00			
Sweet Peas.....	50	@	1 50
Carnations.....	2 00	@	3 00
Snapdragons..... doz., \$.50@	\$1 00		
Daffodils.....	3 00		
Tulips.....	3 00	@	4 00

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

St. Louis, April 26.			Per 100
Roses, Beauty, medium.....	20 00	@	25 00
" short stems.....	8 00	@	15 00
" Killarney.....	4 00	@	8 00
" White Killarney.....	4 00	@	8 00
" Aaron Ward.....	3 00	@	6 00
" Sunburst.....	4 00	@	8 00
" Ophelia.....	4 00	@	8 50
" Hoosier Beauty.....	5 00	@	10 00
Cecile Brunner.....	2 00		
Valley.....	4 00		
Carnations.....	2 00	@	3 00
Callas.....	8 00	@	12 50
Lilies.....	8 00	@	12 50
Jonquils.....	2 00		
Lilacs.....	4 00		
Asparagus Plumosus, per bu., 25	@	75	
Ferns..... per 1000, 2 50			
Bronze Galax..... per 1000, 1 25			
Richmond Roses.....	3 00	@	6 00

WE ARE WHOLESALE FLORISTS.

WE handle every variety of Cut Flowers. **WE** have 22 years experience behind us, and **we do not** expect a gold medal for doing our full duty by our consignors and customers.

You cannot go very far wrong when dealing with us.

GUTTMAN & RAYNOR, Inc., PHONES: 2036 2037 558 FARRAGUT 101 W. 28th St., NEW YORK

New York.

EASTER RETAILERS' HOLIDAY.

Another Easter with its varying incidents, has passed, and the wholesale district has settled down to a season of hum-drum monotony. Relating to the results of the Easter business, there are different views. One veteran wholesaler has said: "It was the retailers' holiday", meaning that the retailers had the best of it. Along certain lines, that is correct. Cattleyas were exceedingly scarce and the wholesale price was at the rate of \$1 per flower for the inferior grades, to \$2 per flower for the best C. gigas. It does not appear that the latter price was paid for a great number, but we believe there were instances where it was paid. Probably \$1 to \$1.50 was what the bulk of the stock sold for. Lily of the valley also went high. Five dollars to \$8 per 100 is a reasonable statement, but there were sales at \$15 per 100, a record price for these late years. American Beauty roses were either too plentiful or their former charm has waned. On April 21, specials reached \$40 per 100, but if there were any higher prices they were few and far between. On Easter morning there were thousands of American Beauties in the wholesale district that could have been bought for \$10 to \$15 per 100, but there were no buyers. As predicted in these notes, a week ago, carnation prices dropped April 22, though they held up longer than we expected. From the middle of the week up to Saturday night, \$4 to \$5 per 100 was the ruling price, when they dropped to \$3 per 100. In the general run of tea roses, there were occasional sales of select stock at \$15 to \$20 per 100, but \$8 to \$12 is what the bulk of specials sold for depending on variety, with No. 1's and No. 2's going at from \$2 to \$5. Considering the fact, that for some time, violets have been practically in the "has-been" class, they made a great run. A practical man of the street said, on the night of April 22: "I saw some slips where 'Bill Jones' paid \$1 per 100 for violets. When 'Bill' will pay that price, I am certain that there is something doing in violets." There was a surplus of cut lilies, and though they started at \$10 per 100 for good stock, \$6 to \$8 is a more reasonable statement of sales. Sweet peas were plentiful and sold well. As previously noted in these columns, a remarkably fine quality of sweet peas now reaches this market. We of course refer to the orchid flowered varieties, as the old ones are down and out. There were some sales at \$2 per 100 for very long stemmed stock, but \$1.50 per 100 is a good average. Gardenias were plentiful and cheap, as compared with prices of some other years, \$3 per dozen being the top price for selected stock. There was a fair movement in narcissi, tulips and minor stocks at normal prices.

April 24.—The usual reaction that follows a great holiday is here, and there is very little doing today. Or-

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

chids and lily of the valley continue scarce and high, but in other stocks there is a surplus. A review of the Easter trade in the wholesale cut flower district, shows that it was fair, but nothing to boast of. The rain, both Saturday and Easter, had a depressing effect on cut flowers. If the weather is fine on, and the day preceding a great holiday, thousands of people are on the streets, which greatly improves counter or bunch trade. Taken in the aggregate, that cuts a large figure in the sale of cut flowers. Relating to stock not heretofore specifically mentioned, snapdragons were a surprise. Though there was fine stock on the market, it practically went dead, and thousands are now about with no buyers. Good double stocks did not fare much better; with the snapdragons, they seem to be going out of fashion. Reports that have come in from all the five boroughs of New York, from Newark and Jersey City, N. J., and from other neighboring towns, indicate that the plant trade was exceptionally good, better than Easter, 1915. All the New York retailers that we have, at this writing, been able to reach, say that they sold out in plants. Philips Brothers, prominent retailers of Newark, N. J., state that they had a very excellent business and are well pleased with results. William H. Kuebler, the well known Brooklyn wholesaler, who knows Brooklyn about as well as a mother knows her child, says that business was good there.

NOTES.

As announced in our issue of April 22, the dissolution of the firm of Henshaw & Fenrick goes into effect on this date. We have known both these "boys" for a number of years, have eaten and drank, and occasionally "scrapped" with them. That is the humorous view of it. From the business viewpoint, they are both clever and able men, and so far as we can judge, have made a great success in the wholesale business. Their reasons



for dissolving partnership is a matter that is of no concern to the public or to us, but as they go their several ways, we take this opportunity to tender them kind feelings, and sincere good wishes for their future prosperity and happiness.

All the stores of the wholesale district kept open throughout the night of April 22 and Easter morning and there were many humorous incidents. The scriptural saying: "It is naught, it is naught, saith the buyer, but afterward he boasteth," was exemplified. Long lines of florists' automobiles were ranged along the curbs. They were from Brooklyn, Yonkers, Jersey City and neighboring towns and cities of this state and New Jersey. Toward Easter morning it was no unusual sight to find a number of the "boys" taking "forty winks" while one stood guard.

It would be impossible to find a more complete display of everything in the horticultural line than is to be seen at the rooms of the MacNiff Horticultural Co., 52-56 Vesey street. Although its three stores afford considerable space, what is not taken up with stock is filled with buyers, both on auction and other days.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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Wholesale Commission Florist
Consignments Solicited
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 Telephone No. 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
 115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of all the
NEW ROSES,
Carnations, Sweet Peas
AND EVERYTHING IN CUT FLOWERS.
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 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

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WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
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WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
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Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, April 26.	Per 100
Roses, Beauty, special.....	20 00@25 00
" extra and fancy....	10 00@15 00
" No. 1 and No. 2....	3 00@ 5 00
Prima Donna, special....	5 00@10 00
Alice Stanley.....	1 00@ 8 00
Francis Scott Key, special.	1 00@ 8 00
Mrs. Geo. Shawyer.....	1 00@ 8 00
White Killarney, special....	8 00
Killarney, My Maryland....	
" special.....	6 00@ 8 00
" No. 1 and No. 2....	1 00@ 2 00
" Queen.....	2 00@ 8 00
" Brilliant.....	1 00@ 8 00
Aaron Ward.....	2 00@10 00
Richmond.....	1 00@ 8 00
Sunburst.....	2 00@ 8 00
Taft.....	1 00@ 8 00
J. L. Mock.....	2 00@10 00
Hadley....	4 00@35 00
Ophelia.....	1 00@ 8 00
Mrs. Chas. Russell.....	1 00@ 8 00
Hoosier Beauty.....	2 00@ 8 00
Cattleya Orchids, special.....	75 00@100 00
inferior grades.....	30 00@50 00
Lilies, Longiflorum and Harrisii..	6 00@ 8 00
Lily of the Valley.....	5 00@ 6 00
Carnations.....	2 00@ 3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 40@ 3 00
Smilax.....doz. strings.	2 00@ 2 50
Gardenias.....per doz..	75@ 3 00
Violets, single.....	40@ 50
double.....	35@ 50
Sweet Peas, orchid flowered.....	1 00@ 1 50
Mignonette.....per doz., 50c@\$1.00	
Pansies, cut.....	20@ 50
Narcissus, Trumpets, spurs.....	2 00@ 3 00
Tulips.....	1 25@ 3 00
Flamingo.....	3 50@ 4 00
White Lilac.....per bunch, \$0.75@1.50	
Snapdragons.....per doz..	75@ 1.00
Callas.....per doz..	1.00@ 1.25

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK





INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	38x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Paul Rigo, who for the past eight years has been head salesman for Henshaw & Fenrich, and who for one year previously was with A. M. Henshaw, will be with the Henshaw Floral Co., Inc., when it opens May 1 at 127 West 28th street. Paul is a clever and capable man.

John Young, who figuratively speaking was almost worked to death with two flower shows, is now having a breathing spell, and we can talk to him. When John is busy, the wise policy is to keep away from him. His company had good Easter stock and good business.

The Ulrich Brunner roses are now coming in strong and we have recently noticed fine stock at the store of Guttman & Raynor, Inc., 101 West 28th street. At present the specials are running neck and neck with American Beauty, with a chance of being first.

It has been said, and is a fact, that the retail business keeps moving uptown, but Young & Nugent, 42 West 28th street, had a remarkably fine business in plants and plant combinations and cleaned out a great stock.

At William P. Ford's, 107 West 28th street, we noticed a very fine stock of Hadley and Killarney Brilliant roses; also exceptionally fine sweet peas. This store is always well patronized and it had fine Easter business.

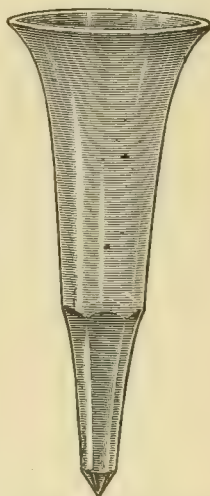
In the rooms of the New York Cut Flower Co., Moore, Hentz & Nash had a very fine stock of all the best roses, American Beauty and Killarney Queen being particularly noteworthy. They had good business.

It is reported that Thomas Martin, former head salesman for Traendly & Schenck, who some time ago, went to a sanitarium at Saranac Lake, N. Y., is getting along nicely. He had an affection of the chest.

H. W. Thomas, secretary to D. C. Arnold & Co., Inc., 112 West 28th street, has been at Saranac Lake for several weeks for the benefit of his health, and is reported to be rapidly improving.

George J. Polykranas, 104 West 28th street, put in a fine stock of plants, lilies, rhododendrons and hyacinths being noteworthy. He had also an excellent stock of cut flowers and sold out well.

For Easter, M. C. Ford, 121 West 28th street, had a fine stock of carnations and many other good features



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.
Can be supplied in green or white.
Dozen, \$3.00; barrel of 3 dozen, \$7.50.
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO

31-33 W. Randolph St.,

NEW YORK

43 Barclay St.

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc., supplied in any quantity. A few on my list:

FERNS—Adiantum, Blechnum, Aspidium, Asplenium, Gleichenia, Todea.

PALMS—Calamus Muellieri, Kentia Monostachya, Livistonia Australia, Seaforthia elegans, Areca Baueri, Macrozamia.

OTHER LEAVES—Lomatia, Grevillea robusta, Australian Moss, Restia Tetraphyllus.

Samples and quotations forwarded on application to

MARK BROWNE, 68½ Pitt St., SYDNEY, N. S. W., Australia

Cable: "NIAOULI, SYDNEY." Codes A. B. C. 5th and Western Union.

in the cut flower line. "M. C." is one of the "reliables" of the wholesale district.

Paul Meconi, on the ground floor of the Coogan building, had a fine stock of orchids, gardenias, roses, carnations and other good features. Paul and his clever and amiable little wife are hustlers.

Miss Mabel Conkling, bookkeeper for H. E. Froment, who some time ago relinquished her position on account of ill health, has fully recovered and is back at her desk.

Horace E. Froment, as usual, had a great stock of roses and sold out

well. It has got to be a saying in the street: "If you want roses, go to Froment."

William Kessler, 113 West 28th street, had a fine stock of plants and sold out well. He also had good roses, lilies and other cut stock.

John J. Coan, Inc., 115 West 28th street, had a fine stock of Easter plants as well as cut flowers and had good business.

As usual, Traendly & Schenck, 436 Sixth avenue, had a great stock of fine roses and carnations and sold out well.

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.
L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



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J. B. BOLAND

Successor to Sievers & Boland

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Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

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GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

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Members of Florists' Telegraph Delivery.

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and all T. J. JOHNSTON & CO.
NEW ENGLAND PORTS. 171 WEYBOSSET ST., PROVIDENCE

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

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Retail Store. Greenhouses.

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For Rhode Island and Connecticut

STORES

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LEADING FLORISTS.

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NEAR GARFIELD PARK

CHICAGO

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A. Graham & Son

5523 Euclid Ave.

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Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL,
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New York, Washington, D.C.

J. H. SMALL & SONS,
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NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market

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Friedman

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310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

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New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

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20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

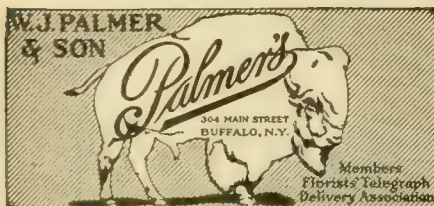
For Wisconsin Delivery

OR
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Members of Florists' Telegraph Delivery.



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Henry Hart, Inc.

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1000 Madison Avenue
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Adjoining Plaza Hotel

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EVENDEN BROS. CO.

Largest Growers in Central Pa.

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Alpha Floral Co., Des Moines, Ia.
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Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 11 N. Pearl St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
J. M. Fox & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
G. Sakelos, New York.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco, Cal.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Potter Floral Co., El Paso, Texas.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Feters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
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Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery
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B. M. JOSEPH. Novelties for
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Flowers Delivered to Any Part of the World.

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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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IN THE CENTER OF IOWA

J. S. Wilson Floral Co.

We cover all points in Iowa.

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Seattle's Leading Flower Shop

1536 SECOND AVE.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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CLEVELAND

EUCLID AVENUE

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Brooklyn, N. Y.

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334 Lewis Ave., Telephone
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Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

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Original Decorations & Specialty.

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THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch " " 1808

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34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

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Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Feters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Ell Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow.
Newark, N. J.—Philips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
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New York—Alex. McConnell, 611 5th Ave.
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Established over 20 Years.

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Flowers or Design Work.

Delivered in Albany and vicinity on
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Canada's best known and most reliable florist

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We deliver anywhere in Canada and guarantee
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Deliveries to Steamers and all Eastern Ports

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Orders Carefully Executed

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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(Successor to Geo. A. Heint)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.
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Orders properly cared for.

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200 miles in any direction. DULUTH, MINN.
We are the center of the great
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CHAS. A. DUERR.

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Price: \$3.00, Postpaid.

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MISSOURI.**

**Rock's
FLOWERS**

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**The Palmer House
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17 E. MONROE ST.

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1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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"Some Florist"

The Plaza, Ft. Smith, Ark

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Careful attention to packing for deliveries
to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
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OKLAHOMA CITY—GUTHRIE
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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
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Cut Flower Market, Inc.

Floral Designs a Specialty

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Artistic Floral Work and Long Stem
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**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

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Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

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California Florists

will take care of all telegraphic orders.

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Orders will be carefully
cared for by

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Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
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Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

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BELLE WASHBURN

Plants in 2½-inch Pots Ready for Bench or Field

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The Best Red Carnation. Young plants in 2½-in. pots,
\$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

BASSETT & WASHBURN, OFFICE AND STORE,
178 N. Wabash Ave., Chicago, Ill.
GREENHOUSES, HINSDALE, ILLINOIS.

Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Begonias, Gloire de Chate- laine.....	\$2.00	\$18.50	\$3.00	\$25.00
“ Luminosa.....	3.00	25.00	4.00	35.00
“ Vernon.....	2.00	18.50	3.00	25.00
Cannas, standard varieties.....			3.00	25.00
“ King Humbert.....			4.00	30.00
Coleus, 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea, Platycentra.....	2.00	18.50	3.00	25.00
Fuchsias, (in variety).....	2.00	18.50	3.00	25.00
Geraniums, Standard var.	2.00	18.50	3.00	25.00
Heliotrope, Mme. Bruant and Chieftain.....	2.00	18.50	3.00	25.00
Lantanas, 6 varieties.....	2.00	18.50	3.00	25.00
Lemon Verbenas, extra strong.....	2.00	18.50	3.00	25.00
Moonvines, white and blue.....	2.00	18.50	3.00	25.00
Parlor Ivy, Seneca scandens.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.50	3.00	25.00
Senecio Argenteus, (Dus- ty Miller).....	2.00	18.50	3.00	25.00
Swainsona, white and pink.....	2.00	18.50	3.00	25.00
Verbenas, red, white, pink, purple and stripe.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....	\$10.00 per 1000
Ricard and Poitevine.....	12.50 per 1000
Asparagus Plumosus.....	25.00 per 1000
Petunia, 3 inch.....	35.00 per 1000
Petunia, 3 inch.....	35.00 per 1000
Buddleia Magnifica.....	5.00 per 100
Buddleia Asiatica.....	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

Robert Craig Co..

High
Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in..... doz.,	\$1.00; 100; \$8.00	

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

Miscellaneous Stock For Florists

Asparagus Sprengerii, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-
tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00
per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00
per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Petunia, Giant Ruffled, and Rosy Morn, 2½ in. pots, \$2.50 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Fern, Teddy Jr., 2½ in. pots, \$5.00 per 100, \$45.00 per 1000.
Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly
reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipig Avenues

SAN FRANCISCO, CALIF.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Boigiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

JACKSON, MICH.—S. M. Isbell, of S. M. Isbell & Co., is reported seriously ill.

WAR risk insurance rates, New York to London, advanced last week to three per cent.

IT is stated the Holland-America line the past year made a profit of 100 per cent on its capital stock of \$1,824,000.

J. C. VAUGHAN, Chicago, passed another milestone April 24, celebrating the occasion by close attention to business.

VISITED CHICAGO: Waldo Rohnert and wife, Gilroy, Calif., ten years having elapsed since Mr. Rohnert's previous tour of the east.

A. H. GOODWIN, of the W. W. Barnard Co., Chicago, left April 22 for his Indiana summer home to unlimber his motor boat on Lake Wauwausee.

C. A. BOLLER, Chicago representative of the Stecher Lithographing Co., Rochester, N. Y., who has been ill at a sanitarium, is said to be improving.

FREE SEEDS were again voted the annual appropriation by congress last week, notwithstanding the urgent need of the money in the government's preparedness scheme.

THE annual meeting of the Western Seedsmen's Association was held at the Rome hotel, Omaha, Neb., Saturday, April 22. After the meeting, the seedsmen sat down to a five-course banquet and later enjoyed an auto ride about the city.

LOUISVILLE, KY.—The National Seed Co. recently celebrated its fiftieth year of continuous business in one location, 101 West Main street. Henry T. Jefferson, who is still active in the management of the firm, was one of the organizers.

FRENCH reports of April 7 are to the effect that persistent rains have been very unfavorable to the crop of White Roman hyacinths. In some sections the leaves have begun to dry and the prospects are for a poor crop in quantity and quality.

ONION SETS are well sold up at Chicago. Western brown stock at \$3 per bushel is about all that can be had. Most of the onion seed for sets in this district was in the ground last week. The acreage is estimated at 15 per cent below that of 1915.

NEW YORK.—Visiting the seed trade district during the week preceding Easter one might well believe that "back to the land" was a popular cry. The business done, not only by the regular seed houses but also the auction concerns, was enormous.

CHICAGO.—Prices for grass seed on the Board of Trade, April 26, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Vaughan's Seed Store reports liberal re-fill orders from seedsmen on all spring bulbs for counter trade, gladioli, tuberose, caladiums, etc.

Holland Parcel Post Suspended.

Washington, D. C., April 19, 1916.—By order of the Postmaster General, the parcel post convention between the United States and the Netherlands was today suspended. Lack of steamship transportation facilities to provide service as required by the terms of the convention is the cause. The governments of the United States and the Netherlands have made every effort to maintain parcel service. Last fall, however, the Holland-American Line, the only available carrier, declined to handle parcel mail addressed



McCullough's Sail Fish.

Each Six Feet Nine Inches. Caught with Rod and Reel, Twenty-Four Line by J. Chas. McCullough, of Cincinnati, O., at Palm Beach, Fla., March 1916.

to the Netherlands government, and stipulated that this mail must be consigned to the Netherlands Oversea Trust.

This action of the Holland-American line in effect denied the use of its steamships to parcel service. Parcel post is handled by special treaty between nations. The Netherlands Oversea Trust is a private corporation. Hence service stands suspended until means are available to exchange this class of mail direct between the United

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

States post office and the Holland post office. Since last fall large quantities of parcel post shipments have accumulated both in Holland and in this country and receipts of parcels from Holland have been negligible. For some time Holland has been returning its parcels to the senders. The suspension of the convention will prevent further accumulation of parcels at New York for which ocean carriage cannot be obtained. Postmasters will refuse parcels hereafter offered and those now in the hands of the postal authorities will be returned and postage refunded.

Seeds of Discord.

(From the Honey Grove, Tex., Signal.)

Our first consignment of new congressional garden seed has arrived. The package bears the signature of Jeff. McLeMore, one of the congressmen from the state at large. We have examined the seeds and find all of them to be of the 1916 model, with the latest self-sprouting attachments, and in the right soil and season they would doubtless come to a full and beautiful fruition. But—they are watermelon and turnip seeds. Here, my countrymen, are some of the evils of electing incompetent congressmen. Any man making body knows that it's too late to plant turnips and that watermelons grown on black land are n. g. Yet, here is Mr. McLeMore drawing \$7,500 competent to sit in our national law-a year and mileage for serving the people in congress, with no knowledge of when or where to plant government

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT,
PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED
GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company



SWEET PEAS—SPENCER VARIETY.

SPECIAL OFFER**ASPARAGUS PLUMOSUS NANUS**

(Northern greenhouse grown stock.)

"This seed may be sown at any time of the year, but April is the natural time. Bottom heat is of great advantage. If soaked four days, and given good bottom heat, say 70 degrees, the plants can be sprouted in 25 days and transplanted 25 days later."

Our seed is fresh, of best germinating quality and vitality. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.00; 5,000 to 10,000 seeds at \$2.80 per thousand. Price on larger amounts on application.

ASPARAGUS SPRENGERI

100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50; oz., 50c.

For Complete List of Flowers Seeds see our "Spring Book for Florists."

43 Barclay Street,
NEW YORK

VAUGHAN'S SEED STORE,

31-33 W. Randolph Street,
CHICAGO

seeds. The people had an opportunity to select as their congressman at large a man who knows all about garden seeds—one who perhaps would have sent his constituents seeds that would have yielded abundantly without work—but they selected in his stead a crusty bachelor, who knows as little about garden seeds as he knows about babies.—Chicago Tribune.

Sugar Beet Seed.

Willett & Gray's latest (April 13) estimate of the European beet-sugar productions for the 1915-16 season places the total yield at 5,190,387 tons, against their earlier (January 6) figure of 5,511,105 tons. In the new estimate Germany is credited with 1,500,000 tons, Austria 1,011,400 tons, France 140,000, Belgium 100,000, the Netherlands 230,000 and Russia with 1,588,872 tons.

Attache Baker, Petrograd, Russia, says, concerning beet-seed exports; "Unless guaranty bonds are properly filed by May 1 (14) all export permits become invalid. Further permits unlikely until next crop is determined."

Taking Chances.

"I think our congressman is taking long chances."

"How so?"

"He is actually making a tour of the district to inquire how the free seeds he distributed turned out."—Louisville Courier-Journal.

SWEET PEAS

SPENCER SORTS

Asta Ohn. A soft pinkish lavender self	\$0.15	\$0.50	\$2.00
Blanche Ferry. Rose standard, and wings white suffused and tinted with light pink	.20	.65	2.50
Captain of the Blues. Pure purple, the margin of the petals is marbled	.20	.65	2.50
Clara Curtis. A beautifully waved cream of good substance	.15	.50	1.80
Countess Spencer. The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self colored	.15	.50	2.00
Dainty. White ground, with beautiful picotee edge of rose pink	.20	.65	2.50
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff	.15	.60	2.20
Flora Norton. Light blue	.20	.65	2.40
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft bluish pink	.15	.50	1.80
Florence Nightingale. A very large, finely waved bluish lavender	.15	.60	2.25
Helen Lewis. Blooms large orange salmon with pink; especially bright orange standard	.15	.50	1.90
Hercules. A pale rosy pink flower of giant size; this is really a giant type of the Countess Spencer	.30	1.00	4.00
King White. Produces gigantic flowers, absolutely pure white	.30	1.00	4.00
King Edward VII. The best pure red Spencer	.15	.50	1.80
Marie Corelli. A bright glowing crimson, almost a self color	.20	.65	2.40
Mrs. Cuthbertson. Standard rose pink, wings nearly white; improvement on Blanche Ferry	.20	.65	2.40
Rosabelle. A large rose-colored flower, giant size and a strong grower	.30	1.00	4.00
White. Flowers very large and of magnificent Spencer waved form	.15	.50	1.80
Vaughan's Special Mixture Spencer Varieties	.15	.50	1.80

UNWIN AND GRANDIFLORA TYPES.

Black Knight. Dark maroon	.10	.20	.70
Blanche Ferry. Pink and white	.10	.20	.60
Captain of the Blues. Purplish mauve	.15	.25	.90
Dainty. White, with pink edge, unique	.10	.20	.60
Dorothy Eckford. One of the best whites	.10	.20	.60
Frank Dolby. Largest and finest pale blue	.15	.40	1.25
Flora Norton. A very bright blue	.10	.25	.80
Gladys Unwin. Pale rosy pink	.10	.30	1.00
Helen Pierce. Blue, with dark grain markings	.10	.25	.80
Henry Eckford. Of extraordinary orange color	.10	.30	1.00
Hon. Mrs. E. Kenyon. Yellow	.10	.20	.70
King Edward VII. Bright red	.10	.20	.60
Lady Grisell Hamilton. Lavender	.10	.25	.70
Lovely. Soft shell pink	.10	.25	.75
Mrs. Geo. Higginson, Jr. Delicate light blue	.10	.25	.80
Miss Willmott. Richest orange pink, shaded rose	.10	.25	.70
Navy Blue. Deep violet blue	.10	.25	.70
Nora Unwin. Giant white	.10	.25	.90
Othello. Dark brown chocolate, red color	.10	.25	.70
Prima Donna. Soft pink	.10	.25	.70
Queen Alexandra. Giant size, scarlet	.10	.25	.70
Saint George. Brilliant orange salmon	.15	.40	1.40
Salopian. One of the best of the dark bright reds	.10	.20	.60

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue	\$0.05 \$0.30	Lobelia Speciosa	\$0.10 \$0.50
Alyssum Little Gem	.10 .60	Lobelia Crystal P. Comp.	.15 1.40
Aster Queen of Market	.10 .50	Pyrethrum Aureum	.05 .25
Begonia Erfordii	.25	Shamrock, Irish	.10
Cobaea Scandens, purple	.10 .40	Smilax	.10 .25
Dracaena indivisa	.10 .25	Snapdragon, Giant	.10 .35
Forget-Me-Not Dissitiflora	.25	Stock, Cut and Come Again	.25
Mignonette Machet	.10 .50	Stock, Ten Weeks', mixed	.25
Petunia Calif. Giants	.25	Thunbergia	.10 .40
Salvia Splendens	.15 1.00	Verbena, Mammoth	.15 1.00
Salvia Fireball	.30	Vinca, mixed colors	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

HIGH TEST 1914 SEED CORN

Yellow Dent	Hand Picked	Yellow Dent	Hand Picked
King of the Earliest	\$1.85	Reid's Early	\$1.60
Pride of the North	1.85	Funk's Early 90 Day	1.75

Samples and special prices for Commercial grade and carloads upon request.

WESTERN SEED & IRRIGATION CO.

WHOLESALE SEED GROWERS

FREMONT, - NEBRASKA.

ONION SETS?

LEONARD SEED CO.

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Thorburn's Tuberoses

Dwarf Double Pearl

4½ to 6 inches
\$8.50 per 1000.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place. NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing



H. WREDE LUNEBURG, GERMANY PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz. ..\$2.25

Price list on application.

Cash with order

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

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(Established 1796.)

BRETIGNY - sur - ORGE (S. & O.)

near Paris, France,

Grower and exporter of

HIGH CLASS SEEDS

for the wholesale trade.

Just the grade of seed you need, if you sell
to market gardeners.

Will send over early in May next his travel-
ing salesman, Mr. Jacques Courtine, to call
on the American trade.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

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Always mention The American Florist
when writing.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

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S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

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97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

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Wholesale Price List for Florists
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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

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OUR STOCK OF ERICAS IS EXCEPTIONALLY FINE

We offer the following **ERICAS** for growing on for next Xmas blooming. Delivery now. They should be potted into 5 and 5½-inch pots on receiving them, placed in a cool house and plunged outside by end of May or beginning of June.

Blooms Xmas, **Erica melanthera fragrans**, from 3 and 3½-inch pots, \$15.00 per 100, white brown eye bell.

Blooms Xmas, **Erica regerminans**, from 3 and 3½-inch pots, \$15.00 per 100, light lavender bell.

Blooms February, **Erica cotonoides Veitchii**, from 3½-inch pots, \$12.00 per 100, whitebell.

Blooms Xmas, **Erica President Carnot**, from 3 and 3¼-inch pots, \$20.00 per 100, pink trumpet bell.

Blooms Xmas **Erica President Felix Faure**, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.

German Myrtle Bridal, from 3-inch pots, \$20.00 per 100.

Chorizema cordata, from 4 and 4½-inch pots, \$25.00 and \$30.00 per 100. Flower color of wall flower, sweet pea shaped, blooms January.

Ardisia Crenulata

Our stock is exceptionally fine, from 8 to 14 branches; they will produce a bunch of fine red berries on each branch. Ready for 5 to 6-inch pots. Get them now. From 4 and 4½-inch pot 8 to 10 branches, \$50.00 per 100. From 5 and 5½ inch pots 10 to 14 branches, \$75.00 per 100. **Phoenix Roebelenii**, ready for 4½ inch pots from 3-inch, \$20.00 per 100.

Charges for Packing at Cost. All Plants shipped out of pots.

ANTON SCHULTHEIS,

COLLEGE POINT, N. Y.

VALLEY FROM STORAGE

Bruns' Celebrated Chicago Market Brand, Crop 1915.

\$20.00 per 1000, \$10.50 per 500, \$6.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

BEGONIA BEGONIA

Luminosa Erfordii

SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

GLADIOLI

All First Size Bulbs.

Per 1000

America.....	\$11.00
Augusta.....	12.00
Francis King, scarlet.....	10.50
Halley, sal pink.....	16.00
Independence, rose pink.....	11.00

TUBEROSES

Per 1000

Double Pearl, 1st size.....	\$12.50
S. Armstrong, 1st size.....	13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

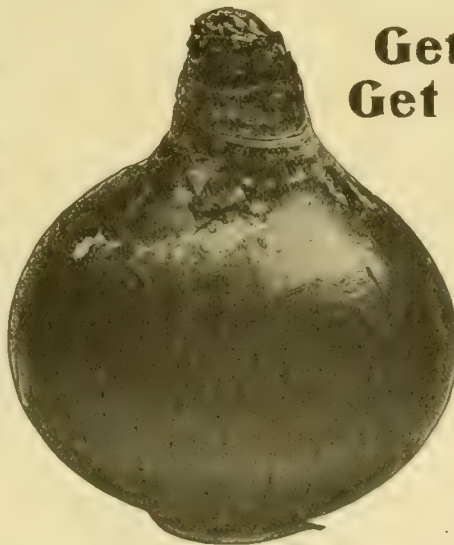
Branches Michigan,
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MILFORD, CONN.

Paper Whites

For Next August

YOU, who have bought these too cheaply last year, and did not get delivery or got blind stuff, try Vaughan's Paper Whites for Fall, 1916, and pay enough.



**Get Them and
Get Them Good!**

We are the only American firm with a foreign buyer and inspector during the packing season. Our total bulb importations exceed those of any other American firm.

CHICAGO **Vaughan's Seed Store**

LILY BULBS FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

Contract Growers Of

Pepper	Tomato	Egg Plant	Spinach
Kale	Turnip	Okra	Radish
	Sweet Corn	Field Corn	

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaneana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in...	\$ 40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
" 14-16 in...	20.00	" 20-22 in...	80.00
" 15-17 in...	30.00	" 22-25 in...	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, April 25.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 22½ to 25 cents; radishes, 25 cents to 50 cents per doz. bunches; celery, \$1.50 to \$2.00 per crate; tomatoes, six baskets, \$1.50 to \$2.75; cucumbers, per doz., 75 cents to \$1.50.

New York, April 25.—Celery, per 12-inch crate, \$1.50 to \$2.25; cucumbers, 90 cents to \$1.12 per dozen; mushrooms, 50 cents to \$1.75 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$3.00; lettuce, per strap, \$3.00 to \$4.50; rhubarb, per dozen bunches, 40 to 65 cents.

A. B. C. of Transplanting.

At this time of the year, notes on transplanting should be of interest. We have always taken great pains in all transplanting work, so much so that many compliments have been received for perfect stands. We do not only believe, but find it quite possible, to obtain an absolutely perfect stand on a large scale. Such perfection can only come from mastering the many details connected with the business. A search for these would take us all the way back to the preparation of the soil for the seed-sowing, and then forward through seed-sowing, watering, temperature, ventilation, lifting of seedlings, etc. It has been our lot to instruct a large number of beginners during our commercial career, and recently as instructor in one of our large universities this phase of the work is again brought out. At this time we will dwell only briefly on some of the points actually involved in transplanting growing plants. To begin with, we believe in preparedness. To this end we arrange that at the proper time the seed beds or plant beds holding the plants to be moved should be at the proper moisture, which means neither wet nor dry. In this condition the plants will suffer the least, the best root system is obtained and the work is a pleasure. Given such conditions, we also see that the beds to receive the plants are in that same condition—neither wet nor dry. With mechanical watering this has become an easy matter. A wet soil will never close tightly around the roots and a dry soil will injure the rootlets before water can be given them. If compelled to plant into surface dry fields outdoors, we use the trowel and scratch the upper layer away, entering the plant into moist earth.

Next of importance is to lift the plants by means of a tool of ample strength, which may be a knife or trowel or spade, as the case may be, and under no condition pull the plants. After this, comes immediate protection from air and sun. Here is where many fall down—they expose their plants before planting, which cannot be recovered by care afterward. It is

often necessary to water plants after lifting to get them into shape to withstand handling during sunshine hours, but in this case it is generally best to carefully pack plants upright, one layer deep into shallow flats, boxes or baskets and immerse the roots only into tubs of water for a short while only. All surplus water should drain off readily, as any soaking of long duration is a damage to the plants. As regards the actual methods of planting there are probably but three tools to consider: (1) The pointed stick or iron dipper; (2) the trowel; (3) the spade.

The underlying principles are the same in each case. We want first a perpendicular wall for our plant to rest against; ample depth for the roots to be suspended, and then a complete soil contact to exclude free air and to transmit soil moisture. How few operators accomplish these simple rules one can easily determine by a careful examination of work done. In the majority of cases we find poor work and only by constant application and exhortation can the operators be educated to the required standard. We have always held that the old method of planting strawberry plants with a spade covered the points perfectly.

To return to the actual methods of operation, we find that most persons strike a hole of insufficient depth; that they damage the straight side needed for the plant roots, thereby reducing soil contact; that they take a low hold on the plant with one hand, bringing their fingers into obstructing the view; that they tighten the plant near the surface instead of down at the roots, and that they attempt to firm from both sides. This latter is a grave mistake; the best and most rapid work is only possible by a deft,

firming from one side, pushing the roots firmly against a straight wall. Last we might mention that planting with the fingers is out of the question, no matter how many may do so. In our apprentice days we were told that we were neither dogs nor chickens; that we should respect our bodies, and use tools for our work, which is a sane view.

If water is needed, it is well to arrange for a depression around each plant in field work, apply the water to the roots, and at once, or as soon after as possible, cover this depression with loose earth. Under trying conditions, plants should not go into field before 3 o'clock in the afternoon, and from then on the work should be pushed with all speed obtainable. Thus the plants will have the benefit of one night to get a partial hold before facing a day's sunshine, which may turn the case in our favor.

MARKETMAN.

500,000 Giant Argenteuil and Palmetto Asparagus Roots

grown from selected seed. 500,000 Jersey Sweet Potato Plants, red and yellow. 50,000 Vineland Bush Sweet Potato Plants, no vines. 100 lbs. each Ruby King and Pimento Pepper Seeds. 25,000 Gladiolus Bulbs. 10,000 Rhubarb Roots. All other vegetable plants in season. Write for what you want. No catalogue.

I. & J. L. LEONARD, Iona, N. J.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

FRENCH BULBS

Buy them from a French firm who has a French agent.

BREMOND FRERES,

The Oldest and Most Renowned French Exporters,

OLLIOULES Var., FRANCE,

Can supply you with the highest grade of bulbs at the most favorable market rate.

Their traveling agent, JACQUES COURTINE, is now in the States, quoting firm prices for next summer delivery.

Write him for an appointment,

Hotel La Fayette, University Place, New York City

BOXWOODS-KENTIAS

SPIRAEAS--HYDRANGEAS--RAMBLER ROSES, ETC.

Extra fine quality stock at very reasonable prices. Order today.



BOXWOOD.

BOXWOODS.

	Each
Bushes, 10-in.	\$0.25
Bushes, heavy, 12-in. ....	.35
Bushes, 15-in. ....	.60
Bushes, 18-in.	1.00
Bushes, 24-in.	1.50
Pyramids, 24-in.	2.50
Pyramids, 36-in.	3.00
Standards, 12-in. to 18-in. stems, 15-in. crowns	2.00
Standards, 24-in.	\$3.00 and 3.50
Standard Globes, with short stems, 16-in. to 18-in. heads.	4.00
Square Block, short stems, 12x12-in.	1.50
Square Block, short stems, 15x15-in.	2.00

Stock You Need Now

	Per 100
Geraniums, 3½-in.	\$7.00
Cannas, mixed, 4-in.	7.00
Vincas, variegated, 3-in.	7.00
Caladiums, 3½-in.	7.00

BLOOMING PLANTS

RAMBLER ROSES.

5-in., in bud and bloom, 35c and 50c each.

HYDRANGEAS. In Bloom

35c, 50c, 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each.

SPIRAEAS.

Queen Alexandra, \$4.00, \$5.00 and \$6.00 per dozen.

Gladstone, \$4.00, \$5.00 and \$6.00 per doz.

Ardisias, fine, well berried plants, 5-in., \$1.25 and \$1.50 each.

KENTIA BELMOREANA.

Size	Leaves	Height	Doz.	Per 100
2-in.	4	8-in.	\$1.50	\$12.00
3-in.	4-5	8-10-in.	2.00	15.00
4-in.	4-5	12-14-in.	4.50	35.00
5-in.	5-6	15-18-in.	6.00	50.00
6-in.	compact, extra fine plants,		\$1.50 each.	
6-in., extra strong,			\$1.75 each.	
Size	Leaves	Height	Each	
7-in.	6-7	26-28-in.	\$ 2.00	
7-in.	6-7	30-32-in.	2.50	
8-in.	6-7	60-in.	10.00	

KENTIAS—MADE UP.

	Each
Belmoreana, 6-in.	\$ 1.50
Belmoreana, 7-in.	\$2.50 and 3.00
Fosteriana, 6-in.	1.00
Fosteriana, in tubs, 5 ft. 6 in. to 6 ft. high	12.00

KENTIA FOSTERIANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-in.	4	8 in.	.....	\$1.50	\$12.00
3-in.	4-5	8-10 in.	.....	2.00	15.00
4-in.	4-5	14-16 in.	.....	4.50	35.00
5-in.	5-6	16-18 in.	\$ 0.50	6.00	.....
6-in.	strong		\$1.50 and \$1.75		
7-in.	6-7	36-40 in.	2.50 and 3.00		
8-in.	6-7	64-68 in.	\$ 9.00	.....	.....
9-in.	6-7	72 in.	11.00	.....	.....
9-in.	7-8	80-84 in.	12.00	.....	.....
9-in.	7-8	84-88 in.	15.00	.....	.....



P. S.—Send us your Telegraph Delivery transfer orders for Chicago and vicinity. Our retail department offers facilities unexcelled for Quality and Service.

THE GEORGE WITTBOLD CO.,

739 BUCKINGHAM PLACE,

L. D. Phone, Graceland 1112

CHICAGO, ILL.

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

BEGONIAS

Cincinnati.....2½ inch, strong \$3.00 per 100; 3 inch, \$9.00 per 100; 4 inch, \$12.00 per 100
Chatelaine.....2½ inch, \$5.00 per 100; \$40.00 per 1000
Vernon.....\$4.00 per 100 Xmas Red.....\$6.00@\$8.00 per 100

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2½ inch.....\$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom.....4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties.....4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants2½ inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2½ inch.....\$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch.....\$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

THE thirtieth anniversary of Arbor day in Massachusetts will be observed April 29.

RAISIN DAY will be celebrated in California by the San Joaquin Valley Counties Association April 28.

NEARLY 300,000 trees were planted by Chicago school children during the exercises attendant upon Arbor day this year.

ORLAND, CALIF.—The Smith-Lachenmyer Nursery Co. has been incorporated by J. H. Smith, J. J. Lachenmyer and J. J. Flaherty. The capital stock is \$10,000.

GENEVA, N. Y.—Arthur Hammond, the oldest resident of this city, and for many years a prominent nurseryman in this section, died at his home here, April 4, aged 91 years.

VISITED CHICAGO: P. Berbee, representing W. J. Eldering & Son, Overveen, Holland; John Radder, of J. Blaauw & Co., Boskoop, Holland; William Satter, with Ebbinge & Van Groos, Boskoop, Holland.

AMONG the courses in the 1916 summer session of the University of Michigan, Ann Arbor, is included that of landscape design, an introduction to the study of landscape work, trees, shrubs, flowers and civic improvement. The session opens June 30 and closes August 25.

THREE bulletins recently issued by the University of California experiment station at Berkeley are entitled "Phenolic Insecticides and Fungicides," "A Spotting of Citrus Fruits Due to the Action of Oil Liberated from the Rind," and "Growing and Grafting Olive Seedlings."

Johnny Appleseed's Burial Place.

E. R. Smith, president of the Indiana Apple Show Commission, has prepared a most interesting history of Johnny Appleseed, whose grave in the David Archer graveyard, northeast of Fort Wayne, is soon to be marked with a monument to be erected by the Ohio and Indiana horticultural societies. Mr. Smith tells of Appleseed's death in the following language: "Forty-six years Johnny Appleseed traversed the forests and prairies of Ohio and Indiana caring for his trees, teaching farmers apple culture, and assisting them in planting and caring for orchards. And today it is a rare thing to find a farm in the country he traversed that does not have its orchard.

"He had several nurseries in northern Indiana. One day he heard that cattle had broken down the fences about one of them near Fort Wayne. He started there on foot to put it in repair. The weather was cold and disagreeable—snow was falling. At night he stopped at the home of Mr. Worth for shelter. It was readily granted to him. He declined a bed and prepared to read and pray. He read the chapter beginning, 'Blessed are the pure in heart,' then prayed for blessings upon all men and nations and for comfort for all who were crippled and dis-

tressed. He prayed for universal happiness and peace, then lay down to sleep. In the morning pneumonia had developed and a few days later he died as he had lived, at peace with all the world. This was in 1847. Mr. Worth and neighbors buried his body in the David Archer graveyard near Fort Wayne."

American Association of Nurserymen.

Nurserymen are waking up to the fact that this association is to become bigger, more aggressive in management, broader and more valuable hereafter. Under the new constitution, the usefulness of the association is to be greatly enhanced and the outlook for greater future success is very promising. Notwithstanding that the new schedule of terms for membership requires some to pay larger fees than hitherto, the registration for 1916 at this writing equals that of last year, with more than double the revenue. A few pessimists predicted failure, being unable to grasp the vision of the future possibilities in the line of achievement. But there is encouragement in the tone of the correspondence accompanying remittances of membership fees. One writes: "Have not done \$10,000 of business the past year; I did before the war, and expect to do again; but I see no reason why an active member doing a business of less than that amount should get off with a smaller fee than an associate member." Another, a New Englander, writes: "I am in sympathy with the effort to raise the standard of membership and increase the value of the association, so that it will mean something," and he enclosed a check for \$65 as his fee. Such declarations furnish illustrations of unselfish loyalty. The attendance at the forty-first annual convention at Milwaukee, Wis.,

JAPANESE TEA GARDEN

—AND—

ROCKERY

of any style made in a short time.

T. R. Otsuka, 414 S. Michigan Blvd.
CHICAGO.

June 28-30, ought to be a large and inspiring one. The new constitution will be further discussed after its first year of action, and the programme will include items of most vital interest to the trade. The management of Hotel Wisconsin have been liberal in their proposals, and members should write early for rooms.

Not many days remain in which to send in memberships, and, busy as members doubtless are, we urge them to take the few minutes necessary to attend to this item of business, and thus facilitate the work of preparing the badge book for publication. Communicate at once with Secretary John Hall, 204 Granite building, Rochester, N. Y.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Nature Reproductions

Of Fruits, Flowers and Ornamental Shrubs

We have a stock of Plates on hand

We design and print catalogue covers. Write us.

Christy Color-Printing-Engraving Inc.

183 St. Paul St.,

ROCHESTER, N. Y.

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
5-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....		10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....		12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....		15.00
12 in cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....		18.00

Cibotium Schiedei

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
3-in. pot.....	5.....	12.....		2.00
4 in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	6 to 7.....	42 to 45.....	4.00	48.00
9-in. cedar tub.....	6 to 7.....	45 to 48.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Mention the American Florist when writing

COTTAGE MAID

A Sport of
MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

MISS THEO

THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP.

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000

Littlefield & Wyman
NORTH ABINGTON, MASS.

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette,
Ind.

Spring
List **ROSES**

THE **LEEDLE** FLORAL COMPANY
SPRINGFIELD-OHIO

Carnation Cuttings

Can supply you with as many as you need
in the following varieties of the usual
fine Reinberg quality. Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
White Enchantress.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphia.....	2.00	18.00
washington.....	2.00	18.00
Beacon.....	2.50	20.00
Champion.....	2.50	20.00
Joy.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3.00	25.00
Milady.....	4.00	35.00
White Killarney.....	4.00	35.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

CHRYSANTHEMUMS

Now Ready

Artista, Yellow Turner.	Each	Per 10	Per 300
Plants Only	\$1.00	\$ 7.50	\$66.66
Josephine Foley.	Each	Per 10	Per 100
Plants Only	\$0.50	\$ 4.00	\$30.00
Mrs. R. C. Pulling.	Per 10	Per 100	Per 1000
Plants Only	\$2.50	\$20.00	\$200.00
Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$1.50	\$10.00	\$100.00
Rooted Cuttings	7.00	60.00	
Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.75	\$ 5.00	\$45.00
Rooted Cuttings		4.00	30.00
White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$30.00
Rooted Cuttings		3.00	25.00
Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Citronelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$35.00
Rooted Cuttings		3.00	25.00
Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Helen Frick, Ivory, Jeanne Nonin, Mlle. Arlette Dubois, Mrs. B. E. Hayward, Mrs. H. Robinson, Patty, Pink Ivory, Ramapo, White Helen Frick, Yellow Ivory.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings		2.50	20.00
Col. D. Appleton, Chrysolora, Clementine Touse, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonnaffon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonnaffon.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings		2.00	17.50
Complete list of Pompons, Anemones and Singles. Prices on application.			
Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.			
Not less than 25 of a variety sold as rooted cuttings.			
Reference or cash from unknown correspondents.			

These prices are to those in the trade only.

Elmer D. Smith & Co., ADRIAN, MICH.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Mention the American Florist when writing

TRANSPLANTED PANSIES

\$0.75 per 100.
Pansy Plants, Giant Flowering, \$2.50 per 100.
Colcus, 10 varieties \$2.00 per 100.
Verbenas, Petunias, Salvia, ready Apr 20.
S. A. Nutt Geraniums, 2 1/2 in. pots, \$3.00 per 100. Geraniums, assorted varieties, 2 1/4 in. pots, \$2.75 per 100.
Vinca Vines, 3 1/2 in. pots, \$6.00 per 100.

CASH

JOS. H. CUNNINGHAM
DELAWARE, OHIO

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

Ornamental Stock of Quality

CAN SUPPLY QUANTITY OF FOLLOWING ITEMS:

Azalea Mollis, bushy plants with plenty of buds—
12 to 15 in. high at 35c each, \$4.00 per doz, \$30.00 per 100.
15 to 18 in. high, at 45c each, \$5.00 per doz, \$40.00 per 100.

Boxwood—Pyramids, 36 in. high, very fine, \$1.75 each; 42 in. high, very fine, \$2.25 each; 48 in. high, very fine, \$3.25 each; 54 in. high, very fine, \$4.00 each.

Rhododendrons, best hardy named sorts, bright foliage and full of buds, 18 to 24 in. high, 75c each, 24 to 30 in. high \$1.00 each. These cover the entire list of Parson's Hardy Hybrids.

Seedling Rhododendrons, mixed colors, 18 to 24 in. high, very bushy and full of buds, 55c each, 24 to 30 in. high, and correspondingly bushy, 70c each.

Aristolochio Sipho (Dutchman's Pipe), Extra strong plants, 4 ft. of tops, 25c each, in any quantity.

Hydrangea, *Paniculata Grandiflora*, Tree form, 3 to 4 ft. bodies, fine heads, \$25.00 per 100. Bush form, 3 ft. high, \$10.00 per 100.

Hydrangea, *Arborescens Grandiflora Alba*, 3 to 4 ft. high, bushy, \$20.00 per 100, 2 to 3 ft. bushy, \$14.00 per 100.

Barberry, *Thunbergii*, 18 to 24 in. high, very bushy, \$7.00 per 100; 15 to 18 in. high, very bushy, \$5.00 per 100.

Privet, *Californica*, very bushy, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, at \$3.00 per 100.

Privet, *Amurensis* (Amoor River, Hardy Northern Type), 18 to 24 in., \$5.00 per 100; 24 to 30 in., \$7.00 per 100.

THE STORRS & HARRISON CO.,
PAINESVILLE, OHIO.

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, April delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind

Cycas Stems

NEW ALL STOCK SIZES

Prices: 100 LBS @ 8¢
500 LBS @ 7 1/2¢

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft. \$1.00 each
Pyramids, 2 1/2 -ft. 1.50 each
Pyramids, 3 -ft. 2.00 each
Pyramids, 3 1/2 -ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2-ft. 1.50 each
Nice Bushes, 15-in. 35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

Some Fine Stock.

	100	1,000
2 1/4-in. FUCHSIAS, 15 varieties	2.50	22.50
2 1/2-in. MARGUERITES, 3 vars.	2.50	22.50
2 1/4-in. HELIOTROPES, 3 vars.	2.50	22.50
2 1/4-in. DOUBLE PETUNIAS, 15 varieties	3.00	25.00
3 1/2-in. GERANIUMS, any color, full of bud and bloom	7.00	65.00
2 1/4-in. VERBENAS, finest mixed	2.50	22.50
2 1/4-in. CHRYSANTHEMUMS, 24 varieties	2.50	22.50
2 1/4-in. CYCLAMENS, 8 varieties	6.00	55.00
2 -in. AGERATUM, 4 varieties	2.25	20.00
2 1/2-in. SALVIA, Bonfire and Splendens	2.50	22.50
2 1/4-in. CUPHEA, Cigar Plant	2.25	20.00

and an abundance of other stock.
If you have not received our Wholesale Price List offering Spring Bedding Stock and Vegetable Plants by the Million at Bargain Prices, write for one at once.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHYRANTHES.

Achyranthes Herbsti, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

ALYSSUM.

ALYSSUM, Little Gem, thumb pots, 1 1/4c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzli seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

ASP. PLUMOSUS, thumb pots, \$1.50 per 100; 3-in. pots, \$5.00 per 100. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus roots, 500,000 Argenteuil and Palmetto, from selected seed. I. & J. L. Leonard, Iona, N. J.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2 1/4-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000; thinly sown seedling, ready to set out, \$3.00 per 1,000. Semples' Branching in 4 colors, \$3.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

AZALEAS.

Azaleas. Mme. Van der Cruyssen, Schryveriana, Prof. Wolters, Emp. of India, Niobe, Ernest Eckhardt, Blushing Bride, Daybreak, 75c to \$2.50 each; specimens, \$3 to \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS. Van der Cruyssen, J. Llewellyn, Niobe and Mrs. J. Vervene, 65c. 85c. \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

BARBERRY.

Barberry, Thunbergii, 18 to 24 in. high, \$7 per 100; 15 to 18 in. high, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.	Per 100
Xmas Red, 2 1/4-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2 1/4-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2 1/4-in.	3.00
Smithii, 2 1/4-in.	3.00
Chatelaine, 2 1/4-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS—Delivery from May 15.	Per 100
Lorraine, 2 1/4-in. pots.	\$ 12.00
Cincinnati, 2 1/4-in. pots.	15.00
Mrs. J. A. Peterson (new), 2 1/4-in. pots.	25.00
Per 1,000	200.00
JULIUS ROEHRS CO., Rutherford, N. J.	

Begonias. Gloire de Chatelaine and Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2 1/4-in. strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonias. gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias, grown from the finest, large flowering strains. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia, Gloire de Chatelaine, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, tuberous rooted, single and double sorts. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias. For varieties and prices see advertisement elsewhere in this issue. Pyfer & Olsem, Wilmette, Ill.

Begonias, dowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS. PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

BOXWOOD.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood—Pyramids. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladiums, 3 1/4-in., \$7 per 100. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Caladium esculentum. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Canna, King Humbert, 3-in., \$4 per 100; \$30 per 1,000. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Canna plants, including Firebird, Humbert, etc. Prices right. Vaughan's Seed Store, Chicago and New York.

Cannas Bouvier, \$1.50 per 100; \$12.50 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.	Immediate Delivery.	100	1,000
Aviator, scarlet	\$12.00	\$100.00	
Pink Sensation	6.00	50.00	
Beacon	3.00	25.00	
White Wonder	3.00	25.00	
Matchless	3.00	25.00	
Gloria	3.00	25.00	
Princess Dagmar	3.00	25.00	
Benora	3.00	25.00	
Rose Pink Enchantress	2.50	20.00	
Enchantress	2.50	20.00	
Mrs. C. W. Ward	2.50	20.00	
Philadelphia	2.50	20.00	
Peerless Pink	2.50	20.00	
Northport	2.50	20.00	
Conquest	2.50	20.00	
White Enchantress	2.50	20.00	
25 or more at 100 rate, 250 or more at 1,000 rate.			
First class guaranteed cuttings.			
J. D. THOMPSON CARNATION CO., Joliet, Ill.			

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
Taken from the best stock sold in Chicago market. Ready for immediate delivery:		
Aviator	100	1,000
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Windsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN.

30 E. Randolph St., Chicago.

ROOTED CARNATION CUTTINGS.		
Enchantress	100	1,000
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS.

162 N. Wabash Ave., Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

ROOTED CARNATION CUTTINGS.		
AT STOCK.		
Peerless Pink	100	1,000
Enchantress	\$2.50	\$20.00
	2.00	17.50

A. T. PYFER & CO.

30 East Randolph St., Chicago.

Fine, healthy, rooted carnation cuttings.

Best obtainable, order early.

Enchantress	100	1,000
White Wonder	\$2.50	\$20.00
	3.00	25.00

SINNER BROS.

158 North Wabash Avenue, Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterberg, 158 North Wabash Avenue, Chicago.

Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo., \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Carnations, White Enchantress, Matchless, Rose Pink Enchantress, White Wonder, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Carnations, Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations, New Crop, S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

CHRYSANTHEMUMS.

WHITE		
Smith's Advance	Per 100	Per 1,000
Early Frost	\$2.00	\$15.00
Virginia Poehlmann	5.00	50.00
Alice Salomon	2.00	15.00
Alice Byron	2.50	20.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Lindwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	60.00
Bonnafon	2.50	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	60.00
PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	60.00
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	50.00

J. D. THOMPSON CARNATION CO.

Joliet, Illinois.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50¢ each; \$5 per doz.; \$35 per 100. Emma—A Garza-Avenum, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

FINE ROOTED CHRYSANTHEMUM CUTTINGS Out of Soil.

Major Bonnafon	100	1,000
	\$2.00	\$18.00

WIETOR BROS.

162 North Wabash Ave., Chicago, Ill.

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 25¢ at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Poms, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemums, 24 varieties, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

COLEUS. Red Verschaffelt, Golden Bedder and others. 2½-in., strong plants, 3¢. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3¢. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems, New stock, all sizes. 100 lbs., 8¢ per lb.; 500 lbs., 7½¢ per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75¢ and \$1 each; good plants, 25¢ and 50¢ each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3¢. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

Cyclamen, 4-in., \$2.50 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlia roots, whole field clumps, \$5 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

EASTER PLANTS.

American Beauties. In 5½ and 6-in. pots, 35¢ and 50¢ each. Begonia Chatelaine, 2½-in. pots, \$3.50 per 100; 3-in. pots, \$8 per 100. Hyacinths, in all colors, 4-in., 10¢ each. Hyacinth bulbs, in pans, 30¢, 40¢, 50¢ and 60¢ each. Spireas, Gladstone and Queen Alexandra, 40¢, 50¢, 75¢ and \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

ERICAS.

Ericas, exceptionally fine for Xmas blooming. For varieties and prices see advertisement elsewhere in this issue. Anton Schulteis, College Point, N. Y.

FERNS.

HARDY FERNS		
Adiantum pedatum, maidenhair	100	10 Ea.
Aspidium spin., wood fern	\$6.00	\$0.70 \$0.10
Aspidium cristatum, ever'n f.	6.00	.70 .10
Aspidium Goldianum, Goldie's f	7.00	.80 .10
Asplenium fel. foem, lady f.	6.00	.70 .10
Aspl. Thelypt, silver spleen-		
with	6.00	.70 .10
Dryopteris Thelypt, shield fern	5.00	.60 .10
Onoclea sensibilis	4.00	.50 .10
Onoclea Struthiopteris, ostrich f.	8.00	.90 .10
Osmunda cinnamom	7.00	.80 .10

100 ferns, your selection, billed 100 rate.

Ludwig Mosbæk, Ferndale, Askov, Minn.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Piersen Co., Tarrytown, N. Y.

Ferns, Teddy Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000. Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Australian Ferns, Palms, etc. For varieties see advertisement elsewhere in this issue. Mark Browne, 65½ Pitt St., Sydney, N. S. W., Australia.

FERNS. From 2-in. pots, Boston, 3¢; Roosevelt, 4¢; Teddy, Jr., 5¢. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

15,000 ferns. Strong rooted runners. Whitman, Boston and Harris: \$2.00 per 100. Cash. E. F. ROSE, Taunton, Mass.

Ferns, table, 3-in., \$5.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS		
S. A. Nutt, dark red	100	1,000
	\$1.25	\$12.00
Double Gen. Grant, bright red	1.25	10.00
Mme. Buchner, double white	1.25	10.00
Beaute Poitevine, Salmon pink	1.50	14.00

THE W. T. BUCKLEY CO.

Springfield, Illinois.

25,000 geraniums, extra good stock, S. A. Nutt, Jean Vlaud and Poitevine, 2½-in., \$2.50 per 100; \$22 per 1,000. 3-in., \$6 per 100; \$50 per 1,000. 4-in., \$8 per 100; \$75 per 1,000. H. S. ELY & CO., Neosho, Mo.

20,000 geraniums, S. A. Nutt, large 3-in. stock, \$5 per 100.

J. A. BUDLONG,

184 N. Wabash Ave., Chicago, Ill.

GERANIUMS. Fine stock plants, bud and bloom, S. A. Nutt, Ricard, Jean Vlaud, White Buchner, 4-in., 3¢; 3½-in., 7¢. Fine stock. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000. 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, all leading varieties in bud and bloom, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladiolus, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1½ to 1¾-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

GLADIOLI. Fifty thousand choice mixed gladioli in three sizes. Will sell below market prices. Mrs. N. E. Hackett, R. F. D. No. 1, Wixom, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetual moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS

HARDY PLANTS.—FIELD-GROWN STOCK.

Coreopsis, grand	Doz.	100
Delphinium, English	Doz.	\$0.60 4.00
Gaillardia, grand	Doz.	.60 4.50
Pyrethrum, single, mixed	Doz.	.75 6.00
Sweet William	Doz.	.50 3.00

ALLEGHENY NURS. CO., CHESWICK, PA.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS.

Hydrangeas, paniculata grandiflora and Arborescens grandiflora alba. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage. Bruns celebrated Chicago Market Brand, \$20 for 1,000; \$10.50 for 500; \$6 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plns. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

LOBELIAS.

Lobelias, strong, bushy plants, 2½-in., \$3 per 100; \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

MOONVINES.

Moonvines, vuchinas, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, coleus; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PHOENIX CANARIENSIS.—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

PANSY PLANTS.—Pansy Park Perfection is a most thoroughbred strain of Show and Fancy Pansies. It includes every variety of Giants known; the reds, bronzes and best fancy sorts in good proportion, all the colors right for the retail trade. The growing of Pansy Seeds and plants a specialty for over 40 years. One of thousands of testimonials I have received from florists and amateurs: "This is the 7th year I have used your Pansy Plants and each year have found them satisfactory in size of flowers, colors and other respects." M. J. McCable, Florist, Washington, D. C. Fine, strong, stocky, field-grown plants from seed sown in August broadcast, with extra fine roots in bud, some in bloom. All colors mixed; 1000 \$5.00. Fall transplanted from July sown seed in bud and bloom, \$8.00 per 1000; 100 \$1.00. Cash with order. L. W. Goodell, Pansy Park, Dwight, Mass.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants. Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$10.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANSIES, out of cold frame, fall transplanted Danish seed. Any quantity, \$1.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Ill.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUMS.

Pelargoniums — "Easter Greeting". Couple thousand 2½-in. ready for shift, will make dandy 4-in. for Memorial day at \$8.00 per 100. Also several hundred strong 3-in. ready to shift in 5-in. at \$15.00. Nothing better for retail trade—sells on sight. Cash, please. HEINLS, Terre Haute, Ind.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors. 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, Giant ruffled and Rosy Morn, 2½-in., \$2.50 per 100. The Storrs & Harrison Co., Painesville, O.

Petunias. Best fringed French varieties, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunia, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup cannas, 2½c. Get list. Prices right. BENJ. CONNELL, Florist, Merchantville, N. J.

PRIVET.

Privet, California, 18 to 24 in. high, \$2.50 per 100; 24 to 30 in. high, \$3 per 100. Amurensis, 18 to 24 in., \$5 per 100; 24 to 30 in., \$7 per 100. The Storrs & Harrison Co., Painesville, O.

PRIVET. 50,000 California Privet, 18 to 24-in., 2-3 and 3-4 ft. Special bargain prices. Quotations on request. H. F. Hillenmeyer & Sons, Lexington, Ky.

RHODODENDRONS.

Rhododendrons, best hardy named sorts, 18 to 24 in. high, 75c each; 24 to 30 in. high, \$1.00 each. Seedling rhododendrons, mixed colors, 18 to 24 in. high, 55c each; 24 to 30 in. high, 70c each. The Storrs & Harrison Co., Painesville, O.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**YOU NEED THE BIG MONEY MAKER, CHAMP WEILAND.**

In color the most exquisite pink ever seen in a rose. Here is a rose, Mr. Grower, that caused the critics to shake their heads, but it was an up-and-down nod instead of the doubtful negative shake.

DO YOU ASK WHY?

Because in this rose they found their ideal, in the qualities that tend to make a truly grand variety, namely, color, foliage, size, beauty and freedom of bloom.

Small wonder—for in this rose we find a color unequalled by any other "sport" creation of recent years. Take the tip-grow "Champ Weiland." Now ready, grafted plants, 100 for \$35.00; 250 for \$82.50; 500 for \$150.00; 1,000 for \$300.00.

MRS. CHAS. RUSSELL. Grafted plants at \$14.00 per 100; \$120.00 per 1,000.

WEILAND & RISCH, Chicago, Ill.

ROSES, 2½-inch grafted and 2½-inch own root plants for March delivery.

	2½-in. Grafted.	2½-in. Own Rt. Per
Russell	1,000	1,000
Killarney	\$120.00	none
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Opheila	100.00	56.70
Richmond	100.00	56.70
Hoosier Beauty	105.00	.....
Hadley	105.00	.....
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00
Fire Flame	100.00	56.70
Lady Alice Stanley	120.00	73.50

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Opheila	\$4.50	\$40.00
Pink Killarney	2.50	20.00
Richmond	2.50	20.00

Two-Year-Old Bench Plants.

	100	1,000
White Killarney	5.00	40.00
Pink Killarney	5.00	40.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG, Chicago.

162 North Wabash Ave.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney Brilliant	\$4.00	\$35.00
Killarney	4.00	35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

W. D. Phone, Randolph 2081.

VIETOR BROTHERS.

162 N. Wabash Ave.

Chicago.

ROSES—DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

ROSES.

ROSES—BENCH PLANTS.

Ready Now—Immediate Delivery.

	100	1,000
Pink Killarney	\$4.00	\$30.00
White Killarney	4.00	30.00

J. A. RUDLONG,
184 North Wabash Ave., Chicago.

Roses. Hardy everblooming and hardy hybrid perpetual. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, 128 Chambers St., New York.

Roses, 2½-in., Killarney, Milady, White Killarney, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIA.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Bonfire, 3-in., \$35 per 1,000. Albert M. Herr, Lancaster, Pa.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Bretigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, wholesale field and garden seeds. J. Poligiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

SENECIO.

DUSTY MILLER, thumb pots, 1¼c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

STRAWBERRIES

STRAWBERRIES. 100,000 Progressive ever-bearing strawberry plants, \$1.50 per 100, postpaid; by express, \$1.25 per 100; \$10.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWEET PEAS.

Sweet Peas—If you are interested in winter orchid-flowering sweet peas, write the undersigned for full particulars of the varieties he has to offer, how to grow them, etc. Ant. C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Sweet Peas. Spencer variety. Unwin and grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

TUBEROSES.

Tuberoses, Double Pearl, \$12.50 per 1,000; S. Armstrong, \$13 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Tuberoses, Dwarf Excelsior, Pearl, 30c per doz., \$1.75 per 100; \$15 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Tuberoses, dwarf double pearl, 4½ to 6-in., \$8.50 per 1,000. J. M. Thorburn & Co., 53 Barclay St., New York.

Tuberoses, 4-6 inches, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

VEGETABLE PLANTS.

CELERY PLANTS. Golden self-blanching, (French strain), fine plants, ready now, \$2.00 per 1,000. Cash. Special prices on large lots. Brill Celery Garden, Kalamazoo, Mich.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. I. N. KRAMER & SON, Cedar Rapids, Ia.

VINCA VARIEGATA. Fine, bushy plants, established 3-in., \$5.00 per 100. Extra heavy 4-in., with long vines, \$10.00 per 100; \$90.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, O.

Vinca Vines, 3½-in. pots, \$6 per 100. Jos. H. Cunningham, Delaware, Ohio.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

MISCELLANEOUS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Catalogues and catalogue covers. Nature reproductions of prints, flowers and ornamental shrubs. Write us. Christy Color-Printing Engraving, Inc., 183 St. Paul St., Rochester, N. Y.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Ardisia Crenulata, 4 and 4½-in. pots, 8 to 10 branches, \$50 per 100. 5 and 5½-in. pots, 10 to 14 branches, \$75 per 100. Anton Schulteis, College Point, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 58 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Commercial Humus, just what you need for pot plants. 10 100-lb. bags for \$5. Commercial Humus Co., 509 Firemen's Bldg., Newark, N. J.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Cemetery vases, 12 inches high, \$3 per doz., barrel of 3 doz., \$7.50. Vaughan's Seed Store, Chicago and New York.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

MISCELLANEOUS.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 414 S. Michigan Blvd., Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Reservoir vases for cemeteries, parks and lawns, \$6 to \$100. Walbridge & Company, Buffalo, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

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Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

POTS AND PANS.

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Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Kansas City.

BIGGEST EASTER TRADE ON RECORD.

The biggest Easter business known in the history of the trade in this city has been credited to 1916. The weather was pleasant, the florist shops thronged with purchasers from morning until night and when closing time came it showed a general cleaning up. Stock of all seasonable varieties, both in cut flowers and pot plants was plentiful and the prices were reasonable. Roses were in good condition, with American Beauties more plentiful. Carnations also showed improvement. Sweet peas and lilies were abundant and the quality was excellent. Made up plants and basket arrangements made a big hit. In pot plants, roses, hydrangeas in white, pink and blue, and spireas in white and pink were the leaders in popularity. Funeral work during the week was also very heavy.

NOTES.

Mr. Elberfield of the Alpha Floral Co. reports the best and biggest trade in the history of the firm and a complete sell out. Some very fancy American Beauty and Mrs. Chas. Russell roses were noteworthy features and they sold fast. Pot plants and basket arrangements which attracted much attention by their novelty also were prime favorites.

The Wm. L. Rock Flower Co. sold out to the last plant and flower and they had an enormous quantity of stock in anticipation of an extra heavy demand. One item of their sales record was the delivery of over 900 made-up baskets and novelties. This firm reports all previous records for Easter sales broken by a big margin.

W. J. Barnes kept his force on the jump both day and night. Church and wedding decorations were numerous and his sales of pot plants and basket arrangements were exceptionally large. The call for corsages was the heaviest in the history of this establishment. He reports the best trade he ever had.

Samuel Murray reports a big increase in sales over his trade a year ago. He sold out completely in all lines. The hydrangeas seen at his establishment were the finest in the city and the call for corsages was a big item in the total sales.

The G. M. Kellogg Flower & Plant Co. sold an enormous quantity of both flowers and plants. Funeral work was especially brisk, in addition to the Easter rush and many out-of-town shipments of stock kept the force busy at all times.

T. J. Noll & Co. report the best Easter trade in the history of the firm. Both shipping trade as well as local was especially brisk and stock cleaned up daily. Their force worked day and night to keep up with orders.

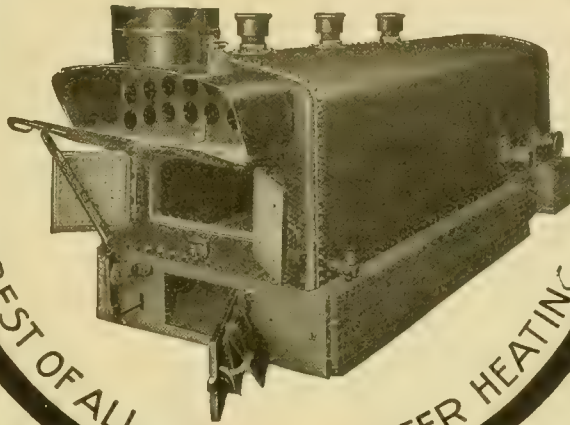
Miss J. E. Murray reports that she was glad when it was all over. She and her force worked incessantly and her stock was cleaned up completely. Pot plants in different arrangements were a feature at her shop.

A. F. Barbe cleaned up in all lines and reports a record breaking business.

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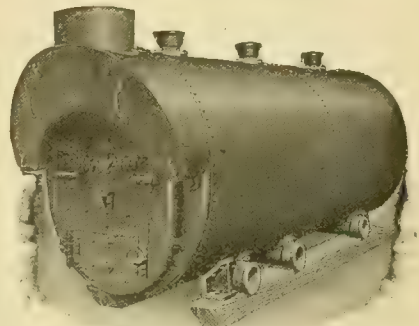
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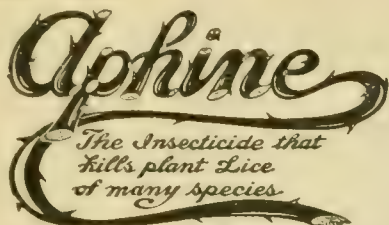
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Quart, \$1.00. Gallon, \$2.50.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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MADISON, N. J.

The Peterson Floral Co. is very well satisfied with sales both in cut flowers and plants. A heavy run on corsage work was a feature of the Easter trade here.

H. Kusik & Co. report the heaviest Easter business they ever handled. Stock cleaned up daily. Their supply of cut ferns during the week was 125,000.

Mrs. T. A. Mosely, of Kansas City, Kan., had pot plants for her leader and these, together with a big stock of cut flowers, sold in splendid shape.

Arthur Newell reports a complete sell-out. He had an enormous demand for corsage work and a very heavy call for plants and baskets.

The Rosery reports trade far beyond expectations. Rustic baskets and boxes in various styles were good sellers here.

E. J. B.

Oklahoma City.**BEST EASTER TRADE ON RECORD.**

Contrary to expectations, the fact of Easter being so late did not affect the volume of business detrimentally. Florists here say that it was the best Easter on record, and this applies to the sales of both cut flowers and plants. All of the best stock cleaned up very well indeed, and there was no perceptible change in prices from those obtained in previous years. The bedding out season is commencing now in good earnest and the call for flower beds and window box filling is unprecedented.

S. S. B.

New Jersey Floricultural Society.

The monthly meeting of the New Jersey Floricultural Society was held in J. O. U. A. M. hall, Orange, Monday evening, April 18. Peter Duff was elected to membership. An essay, entitled "Garden Management and the College Graduate," was read by Morrell Smith of New York. The judges were Fritz Berglund, Emil Panuska and William Reed, who awarded the exhibits of Max Schneider 65 points for sweet peas, 95 points for stocks and 90 points for carnations.

GEO. W. STRANGE, Sec'y.

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SHREDDED CATTLE****MANURE**

A kind for every use about the greenhouse

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Kansas City Stock Yards,
Kansas City, Mo.National Stock Yards,
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For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Full size and wide bottoms.

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Vol. XLVI.

CHICAGO AND NEW YORK, MAY 6, 1916.

No. 1457

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Secretary-Treasurer.

MEMORIAL DAY PREPARATIONS.

Bedding Plants.

The period between Easter and Mem-
orial day being so short this year
makes an extra busy time to get the
stock in shape for the latter occasion.
The Easter plants have occupied a
great deal of the bench space at the
expense of the bedding stock, which
has been crowded to some extent to
give the extra space for the proper
development of the plants for Easter.
Now that this stock is moved out, the
bedding plants should receive atten-
tion just as quickly as the bench
room becomes available. At this sea-
son of the year root bound plants
harden up in a very little while and
quickly get beyond control. It may
seem an extra, unnecessary expense
to shift along such plants as petunias,
coleus, ageratum and sweet alyssum,
now well advanced in 2¼ or 2½-inch
pots, but if left another month in
these same pots there would be a dif-
ferent story to tell about them.

The one very important point to
consider regarding bedding plants is
to keep them in a steady growing
condition while in the greenhouse, hot
bed or cold frame; then, when they
are planted out they will go right
ahead without any check. Customers
expect a showy plant when planted
out and good results from the very
start. The gardeners at the cemetery
greenhouses are now busy getting the
stock in shape so as to be on time
with it when needed for outside plant-
ing, and the steam-heated hot beds are
about the most important part of
these establishments at the present
time. Alternantheras require a strong
bottom heat to bring them along, and
if they are not already in the hot beds,
there must not be any delay in getting
them there. Some gardeners follow
the plan of planting their alternan-
theras out in the beds, but we have
found that when the plants are taken
up for outside planting that they suf-
fer considerably, so prefer potting our

plants into 2 or 2¼-inch pots and
plunging the pots to their rims in the
hot bed. The principal details of their
care after this is to keep up a bottom
heat of 80 degrees, pay close atten-
tion to the airing and watering, and
when they have made a good growth,
be on the watch to guard against any
dampening from close damp conditions.
As soon as the plants have attained
sufficient size they should be hardened
off by giving more air and a lower
bottom heat, and during bright warm
days the sash can be removed to keep
the plants compact and give them
good color.

If the echeverias have not been
cleaned up this spring they should be
attended to and the side growths re-
moved and transplanted in flats ready
for planting out in frames later on.
These young side growths make the
best stock for next season's work.

In the middle west it is not safe to
do any planting out before May 20,
and then only the very hardiest of
stock, so the best place for the flats
of echeveria until that time is on the
greenhouse shelves where they will
get plenty of light and air and held a
little to the dry side. When given an
over abundance of water the growth
is too succulent and the plants get too
big for fine work.

Geraniums.

The great need of the geraniums
from this time on, is ample space for
their proper development as sturdy,
well flowered plants. The growth is
very rapid, quickly becoming drawn
and stalky when the plants are crowd-
ed together. It is necessary to venti-
late freely and essential to pay close
attention to the watering. On bright
days, many of the plants will need
going over morning and afternoon.
Well established 4-inch stock is what
is needed for Memorial day and they
should be now well on toward this
condition; but when it is necessary to



Floral Arrangements by Students.
Pansy Corsage.

prepare a supply to meet a demand well on into the summer, smaller plants worked along make the better stock for later planting—3-inch plants, potted into 4's about May 15, will be in fine shape for planting out by June 15. Be sure and have the plants in a presentable condition at all times; this is the time of the year when a great many of the customers come to the greenhouses to select their plants, and it looks bad to have a lot of yellow or decayed leaves hanging over the plants—it gives them the appearance of being old stock.

Pansies.

These should be in condition for sales from May 1 on. The fall transplanted stock is now in nice bloom, being very satisfactory for immediate planting. We find that every warm spring day, people are anxious to do some planting and to be able to get some nice pansy plants is very satisfying to them. There is a good sale for them just now. The January sown stock of pansies for sales the last of May and for later flowering should have been transplanted in the cold frame by this time and encouraged to come along into bloom in every possible way. These late sown plants are what we depend on for our Memorial day trade and are better than the fall transplanted and consequently larger plants.

Begonias.

The Vernon and Luminosa varieties of begonias are used largely for bedding, and while they are slow to get started early from seed, they make up for it from this time on. Do not allow them to become pot-bound and greenfly is one of their worst enemies, particularly while the plants are very small. Should the plants still be very small, they can be hurried a little in a mild hot bed.

Lobelia.

These two plants are called for largely, and in some sections of the country are very satisfactory, but with us they are only reliable during the early part of the season and about the

only place we now use them is in mixed planting. As soon as they have attained the required size, they are better off plunged in a cold frame after May 1.

Hydrangeas.

A good supply of these should be arranged for there is a good call for nice flowered showy plants of every description, hydrangeas and roses being the most popular. Give them plenty of room to develop and attend to their wants to get them in on time.

Heliotrope.

There is a limited demand for plants of these, nicely in flower in 4-inch pots, nice plants that can be sold for 25 cents each. They need room for their proper development and must be kept free from insects.

Coleus.

When these plants are well established in 2¼-inch pots so that they can be shifted into 3-inch about May 1,



Floral Arrangements by Students.
Presentation Bouquet. Mrs. Aaron Ward Roses and Ward Ribbon.

they are in the best of condition. Give them a light soil of a sandy nature and attend to the potting of them right away which will give them nearly a month's more growth before it is time to plant them out. One very important point with these plants is not to allow them to become spindly, but nip the tips of the shoots out to keep them dwarf and stocky.

Cut Flowers.

Peonies are the popular flowers for Memorial day and there are none better than the home-grown stock if they can be brought in on time. As soon as the growth is well started, it is a good plan to spade into the beds a good dressing of well rotted manure and prevent the weeds from getting a start. There is also a very heavy demand for carnations at this time, so that it is well to take this fact into consideration when clearing out any plants to make room for the bedding stock. The greatest call with us is

for the white and deep pink colors. We find Rosette one of the best for this season of the year and it is one of the last that we throw out. There is a good demand for cheap bouquets of mixed flowers, such as stocks, pansies, aquilegias or anything of the same character that can be sold cheap.

One of the great helps in handling Memorial day business is to have everything on hand, such as baskets, trowels, etc., and also to have the plants set well ahead so that the work will run smoothly in the very few days there is to do it in.

C. W. JOHNSON.

Roses of Fifty Years Ago.

To the florist and gardener, professional or amateur, the rose is always one of the most interesting features of horticulture. Contrasting the rose culture of today with that of 50 years ago, we may well point with pride to what has been accomplished. In 1866, a noted writer, who it is presumed was considered an authority of his time, on roses, mentioned them as follows: "Roses may be forced in the greenhouses, but not to advantage, because the conditions of success will be inconsistent with the requirements of many of the other plants. The process is best carried on in a small glass structure made for such purposes and called a 'forcing-pit.'"

When we consider the acres of glass that are now exclusively devoted to rose forcing, the above may cause a smile. He gives minute directions for the preparation of the pit, saying: "A pit 10 or 12 feet long and 8 or 10 feet wide will commonly be large enough."

These directions, it will be understood, were for forcing roses in pots. Great as the writer was, he could not foresee the future development of rose forcing. But it is not for us to criticize the methods of the "fathers" for they paved the way. There can be no doubt, that regardless of the methods employed, very fine pot roses were grown even earlier than the time mentioned above.



Floral Arrangements by Students.
Colonial Corsage of Red Roses, Forget-me-nots, Mignonette, Geo. Elgar Roses and Sweet Peas.



FORMAL ENTRANCE AND VIEW OF INTERIOR OF MACRORIE & MCLAREN'S NEW STORE, SAN FRANCISCO, CALIF.
A Feature of the Opening Day was the Presentation by the Firm of a Corsage of Phalaenopsis to Each Patron.

At a flower show held in the Crystal Palace, London, England, in the 60's, many fine roses in pots were shown. There were, for instance, Madame Willermoz, seven feet high, with more than 100 expanded flowers; Souvenir de la Malmaison, with 30 expanded flowers, the largest more than five inches in diameter; Paul Perras, six feet high, with nearly 100 expanded flowers, Coupe D' Hebe, six feet high, covered with a mass of bloom.

In a list of new roses, said to be promising, published in 1866 we find the once noted Marechal Niel and the originator's description of it follows: "Flowers beautiful deep yellow, large, full and of globular form, very sweet, tea-scented, growth vigorous, the shoots well clothed with large shining leaves." If we may judge by numbers, the originators were even busier than they are today, for in this list there are over 50 named roses of the hybrid perpetual Bourbon and tea-scented varieties. Another list of roses that seem to have been generally cultivated contains approximately 500 names. General Jacqueminot was brought out by Rousselet, a Frenchman, in 1853. This rose has had a remarkably long run and is yet generally known to the present generation of florists and gardeners and grown by not a few, which is more than can be said of most of the other old varieties. No doubt some of our more modern red roses carry a strain of the old "Jack."

Gloire de Dijon was brought out by Jacolot in 1853. Of this rose, Dean Hole, an interesting writer, said: "Were I condemned to have but one rose for the rest of my life I should ask before leaving the dock to be presented with a strong plant of Gloire de Dijon."
—A. F. F.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Floral Arrangements by Students.

The work of the class in horticulture, University of Illinois, Urbana, a feature of which is a course in floral decoration, is becoming more popular each year, and the increase in the attendance at the exhibitions where the work of the students is staged for public inspection, is marked. Mention was made in our last week's issue of the fourth annual exhibition, which was held in Floricultural hall, and which was attended by nearly 4,000 visitors. We present herewith illustrations of a few of the many interesting features staged, included in which were corsage bouquets in large variety, numerous basket arrangements, funeral designs, table decorations, artistic arrangement of cut blooms in vases and inviting assortments in boxes. One of the most pleasing displays was that of the wedding bouquets, which included everything from the bride's shower to the flower girl's basket. Miss Emily Dornier, of Lafayette, Ind., assisted the students in their work.

Edward J. Byam's Model Range.

The finishing touches are being put to the handsome new office building and salesroom and the greenhouse addition at the range of Edward J. Byam, Rome, N. Y. The latter contains 30,000 feet of glass, making this establishment one of the largest and best equipped in central New York, lighted throughout by electricity and

heated by steam. The new salesroom is a model of elegance, being finished in fumed oak, with leather upholstered chairs and settees to match. The display case, which has a handsome glass front has a capacity of one ton of ice. Back of the salesroom is the private office of the proprietor, also equipped with attention to every detail of comfort and completeness.

Edward Byam started the business 15 years ago on a very modest scale, and is to be congratulated on the well deserved success that has crowned his efforts, and made his establishment an object of pride to the residents of Rome. At an informal opening of the new buildings, Sunday, April 16, the range was visited by more than 1,500 persons, who saw a wonderful display of Easter stock.
U. G.

After Easter.

Now, right now, while it is fresh in your mind, if you have not already done so, is the time to set down in black and white all about your 1916 Easter business, and plan for the largest season that is sure to be yours in 1917, if you profit by the experience of the period just past. You have it in your mind, all the details, big and little—the plants that sold best; the stock you should have had, but missed; how Smith disappointed you; what fine hydrangeas Brown sent in—they went off faster than you liked, as you had not nearly enough of them; Easter lilies sold well, particularly Brown's lot, which were just right in size and time. You can go over your stock, item by item, in this way; it is an open book to you now, but how about next February? Can you recall all these details; will they be as fresh

in your mind as now? "Yes, I know you are right, and I will do this at the first opportunity." Well I can only say that if not done at once each day will make it more difficult, and next spring may see you trying to find out with a great deal of trouble, using up valuable time, that which you could now make into a perfect record with certainty and dispatch.

A successful retailer who has a chain of stores, relates that the day after Easter, a record of just how many plants of every kind were sold, was received, from each of his managers. In azaleas, there were so many \$1, \$1.50 and \$2 plants, and so on all through the list; what were left was also noted, as well as the little details of management that were worth jotting down. These records are filed away, and as his business increases he can order with the greatest confidence and certainty for next season.

Many ideas come to a man while the business is on, that if he does not put down, are lost. A prominent hotel man carries a book in which he makes memos of the day's experiences, as they occur, which he says is of the greatest help. Many things that need repair; things here and there, out of order; stock of this or that running low. He always makes a point of checking up this book each night before he retires. How few florists carry a memorandum book. Many put their reminders on backs of envelopes and slips of paper and afterwards turn their clothes inside out in endeavors to find them. It is this habit of system and detail that spells success in business, particularly that of the retail florist, whose stock is so perishable, that all left unsold after a great demand like that just past, is almost a total loss.

The window box demand should now be in full height—push their sale, display them filled and empty. Mothers' day will soon be here. Plan to make it the best you have ever had. Get enthusiastic about it—prepare something novel in window decoration. The possibilities of this flower day are tremendous, for the surface has only been scratched. If the demand was for only one flower for each person, to be worn on that day, there would not be near enough to go around. Keep this in mind, boost the day, and interest others in the trade. Flowers for the cemetery should be one of the features. This is a great field—work it and reap the harvest.

New York Shops During Show Week.

Charles Thorley's "House of Flowers," 562 Fifth avenue, is one of the finest cut flower stores in the United States. Boxes of plants are on every ledge of the entire four-story building, from which they stand out in bold relief from the white walls. Low hedges of box are also set into the pavement below the show windows, which extend the entire length of both street fronts. Thorley's store is celebrated for its high class window decorations; they are at all times striking and often elaborate in the extreme. A feature at this time was a square log cabin style box with high trellis, all finished in blue enamel, and planted with yellow callas, some dozen or more plants, each with a flower. A gorgeous wide yellow ribbon was tied and festooned about this trellis—it was a stunning piece of work. Large hanging baskets

of ferns and ivies filled the tops of the windows, with specimen foliage palms, ferns, rambler roses, immense marguerites, rhododendrons, etc., artistically arranged below. A vestibule entrance prepares one for the air of elegance which pervades the store. Long, marble-topped display or working tables are arranged against the wall on one side, and windows on the other. Down the center are tall specimen palms. On the display tables are seen choice flowering roses, heather, rhododendrons, etc., together with baskets of foliage and blooming plants. No plain pots are seen; all are covered with fresh green sheet moss. One beauty spot contained made up miniature colonial bouquets, artistic to a marked degree in their arrangement of colors, fancy ribboned papers and laces. Small fruit bouquets of lady apples, raisins and almonds, with papers and other fancy trimmings, looked novel and inviting. Fancy round boxes in keeping with the bouquets were a feature. Well-flowered blue clematis in pots, trained to lattice work, which was decorated with shaded blue ribbon, were unusual. The flower case, or treasure room, as it appeared to be from its massive oak door, to which was hanging a bunch of large keys, was indeed a room full of treasure. Customers are taken in here to make their selections. Artistically arranged on tables, pedestals and shelves is seen in quantity the cream of the flower market—everything from the smallest rose to the choicest orchid. At this time there was also stored for the moment a wonderful variety of made-up pieces of funeral work. A blanket of double violets was as even and smooth in appearance as the velvet to which the flowers were pinned. Wreaths in artistic combinations, many with dark galax ground; clusters in which Easter

valley on handle. A large wreath of heather and spot of Sunrise roses was an effective piece. While there was no overcrowding, a generous fullness appeared in every design. It was all for one funeral at a price close to \$2,000.

Thos. F. Galvin's, across the avenue from Thorley's, on the northwest corner, is a very pretty store, with glass on Fifth avenue and the intersecting street side, from ceiling to bottoms of show windows, which makes the store very light. The windows were decorated in lavender and yellow effect on green velvet. Rose floats filled with yellow lupines, yellow daisies, lavender iris, etc., with choice plants of heather, blue hydrangeas and lavender rhododendrons as a background. The upper part of the windows were filled with large baskets of luxuriant looking ivies. All this fitted in well with the blue and white decorations of the interior, which is beautifully fitted up. The ice box is unique with its latticed doors instead of the usual plate glass. Handsome specimen Easter plants, suitable for Fifth avenue buyers, were decked in the latest fashion, and in large assortment. Vari-colored rose floats were being featured, there being good sale for them this season.

Alexander McConnell's, at the corner of Fifth avenue and Forty-ninth street, is always noted for its luxuriant windows. The top was filled with ivy and fern baskets, while below was an array of choice specimen flowering plants with large vases of forsythias.

George E. M. Stumpp, one of the most enterprising of the younger generation, has in his handsome store examples of up-to-date retailing. The store is very light, with glass on Fifth avenue and also the entire depth on Fifty-eighth street. Blue rose floats with Hadley roses and violets were a feature of the front window, which, together with choice flowering plants,



MOTHER'S DAY

Second Sunday in May

— ANNA JARVIS, Founder —

Badge—White Carnation

Send a box of Flowers
and a Love Letter to
"the Best Mother who
ever lived—the Mother
of your Heart"

OFFICIAL WINDOW CARD OF MOTHERS' DAY INTERNATIONAL ASSOCIATION.

lilies were combined with roses, violets and other flowers; lily of the valley was also prominent; a cluster of Tausendschon rose sprays with lily of the valley was striking, as was a large basket of pink roses and lily of the valley with cattleyas and lily of the

made an attractive display. In the basement store there was a bewildering collection of all the up-to-date accessories for the arrangement of cut flowers that have been introduced so fast the past year or two—rose floats, flower holders, birds, butterflies, bird

sticks, vases of every form and material, and aquariums, all in endless variety. All these things are said to be in active demand, the newer styles of arranging flowers being much in favor with the public.

A. T. Bunyard, Madison avenue at Forty-eighth street, appears to be right in it all the time. Business has been exceptionally good this season. The windows were nicely decorated, vases of ranunculus and yellow lupines being beauty spots. Rose floats and all the newer novelties of like character are not much in evidence, Mr. Bunyard believing they interfere with the sale of cut flowers, and unless one is prepared to give them a separate department, it is better to let the china and fancy goods stores handle them.

There are many beautiful and important retail stores in this city and Brooklyn. Max Schling, the "live wire of Fifty-ninth street"; David Clark's Sons, J. H. Small & Sons, who are leaving Broadway for Madison avenue; M. A. Bowe, Charles A. Dards on Madison avenue, where there is always something interesting; C. C. Trepel, with his wonderful chain of stores; C. Sakelos, the Colonial Florist, who, with his four stores, is after the Harlem trade and the Bronx, are all very interesting places for the retail man, and which we hope to give a look over in the near future. K.

Mothers' Day.

WHAT IT HAS DONE FOR THE TRADE.

The foundation of Mothers' day as a floral holiday has been of the greatest benefit in a financial way that the trade has ever experienced. Christmas, Easter and other popular floral holidays have grown gradually, but Mothers' day burst upon them like a bolt from a clear sky. Those first to hear of it, good practical men, thought it a fad. How could one woman, with only an idea, beautiful though it was, inaugurate a movement to spread all over the country as this has done? She had, however, the qualities that win in every crusade—faith, enthusiasm and indomitable pluck. The movement under her guidance has gone forward with increasing force year by year and is destined to become one of our greatest national holidays.

To go back to the beginning. Miss Jarvis selected as her badge, her mothers' favorite flower, a white carnation. She was presented with what she required for her first observance, almost without cost. The general average wholesale price for white carnations for the month of May for that year, 1907, was about 60 cents per hundred. The year following they rose to \$1.50. Two years later the price returned the growers was \$4. In 1915, with one Philadelphia dealer, the price averaged \$7.70, and another large wholesaler returned \$8.00 for all select flowers. This was for white carnations, but all colors advanced, and the market in every line was much benefited. Not only was this true for the production of the second week in May, but the returns for the entire month, have, since this movement became established, shown an increase of at least 100 per cent. S. S. Pennock, who made this latter statement, added that the carnation growers particularly, did not seem to realize the great benefit they were deriving from this movement, many of

them, although given the opportunity, being very chary in contributing anything to help it along.

That the trade is about ready to recognize the work of Miss Jarvis in a substantial way, was shown, how-

that city in popularizing the day through advertising, the business of Mothers' day had already equaled that of Christmas or Easter. They had tried to make popular, not only all flowers, but plants also, and have had

Mother's Day



SECOND SUNDAY IN MAY

In Honor of
"The Best Mother Who
Ever Lived"—YOUR
MOTHER.

BADGE—WHITE CARNATION

Special Services Here

For You and "The
Mother of Your Heart"

Come and See How Welcome
You Are

APPROPRIATE WINDOW CARD OF MOTHERS' DAY INTERNATIONAL ASSOCIATION.

Space at Bottom for Name of Church.

ever, by an incident at the 1915 convention of the S. A. F. in San Francisco. The following from the question box: "What are we doing to increase the supply of carnations for Mothers' day?" resulting in one of the best discussions of the meeting.

Here are a few of the salient features. Chas. P. Mueller, of Wichita, Kan., thought there should be found some way to increase the production for that day. A. T. De La Mare, New York, quoted Miss Jarvis as being utterly opposed to any other flower but the white carnation as the emblem for Mothers' day; other flowers could be used but the white carnation must always take first place. W. F. Gude urged the booming of Mothers' day in every possible way, advocating simply white flowers in memory of Mothers gone, and colored ones in honor of the living. "It works out fine in our city. I hope before long to see the demand for Mothers' day equal that of Christmas or Easter." Geo. W. Smith of Cleveland, O., said that owing to the co-operation of the trade in

great success. An even larger business was now looked for at Mothers' day than at Easter. E. G. Hill, Richmond, Ind., advocated the plans of Messrs. Gude and Smith. He thought Mothers' day was a great opportunity for the trade, and was going to be better and better as time goes on. W. A. Kennedy, of Milwaukee, Wis., had found the two-color plan worked out so satisfactorily that all carnations sold almost equally well and they could not nearly supply the demand. C. P. Mueller sold baskets and plants when the supply of carnations were gone. He increased his supply of carnations about 400 per cent for that day by removing the terminal bud. J. J. Hess, Omaha, Neb., after stating that the solution of the problem of the use of white or colored, or any flowers, was a question of good salesmanship, electrified the meeting with his reference to the founder of the day. "Have you ever thought about the lady who created Mothers' day? Would it not be advisable to give this lady five or ten thousand dollars to

buy her a home, or honor her with a gift of this amount, just to show our appreciation. The florists have never had anything like Mothers' day before. We should certainly do something for the lady who originated the idea." George W. Smith again spoke of the great value of the trade, wholesalers, growers and retailers, working harmoniously together, booming the day and creating a demand for all kinds of flowers and plants. It was this concerted action that had been so successful in Cleveland. A. J. Burt said that the florists of Spokane, Wash., had found the trade of Mothers' day to equal that of Christmas. Co-operative work of the florists with the city beautiful movement and the Ad Club organizations had done wonders in advertising the day, until now it was with them the equal of any flower holiday of the year.

Secretary Young spoke of Miss Jarvis appearing before the New York Florists' Club. In speaking of the movement she had said that practically all her money had been spent in promoting the day. She felt she could not go any farther and thought the florists of the country should appreciate her work. C. W. Ward, Eureka, Calif., offered a resolution that each member of the S. A. F. and subsidiary societies be asked to donate \$10 to be turned over to Miss Jarvis for the purposes of promoting the day. Mr. Hess thought each should give as he had felt benefited. He would give \$50, and thought some could well afford to make it \$500. E. G. Hill thought the executive committee should formulate a plan to provide a fitting testimonial. It was then left for Secretary Young to communicate with Miss Jarvis, get her ideas and report to the executive committee for their action. At the recent executive committee meeting in Philadelphia, this subject was taken up and plans are under way looking to the collection of a substantial sum to be presented to Miss Jarvis as a testimonial from the florists of the country for her great work in founding Mothers' day. **K.**

A Surfeit of Legislation.

During the past five years, congress and the state legislatures have passed about 70,000 bills and there have been 650 volumes of decisions of courts of last resort handed down within the same time. This, in itself, should be a sufficient reason for a desire to bring about greater care and scrutiny in passing new legislation. We are afflicted with a vast amount of unskilled and immature thinking which is reflected in the shape of legislation. —Senator John W. Weeks.

Palms and Palms.

The Great Uncommoner had just sat down after two hours of sizzling oratory.

"I tell you, Smithers," said Colonel Doodlehead, enthusiastically, "among modern statesmen that man bears the palm."

"Er—itching?" queried Smithers.

—JOHN KENDRICK BANGS,

In New York Times Magazine.

Ode to the Florist.

Miss Coy—Oh, what beautiful flowers! There is still a little dew on them.

His Nibs, absent-mindedly—I know, but I'll pay it tomorrow.—Judge.

PLANT NOTES.

Begonia Gloire de Lorraine.

The plants of Begonia Gloire de Lorraine, both the young rooted stock and the older plants, will now begin to make active growth. There is still time to propagate much stock; many growers prefer the May rooted plants to those propagated earlier, for the plants start right off into growth at this time while those rooted earlier grow very slowly during the late winter and early spring months. The young shoots that break from the old plants make fine cuttings at this time and if the plants are in good health are just as good as the leaf cuttings made earlier. As soon as rooted they should be potted in a light, fibrous loam in 2¼-inch pots, and placed in a light, well ventilated house, but should be protected from all chilling draughts. They cannot be successfully grown in a stuffy-moist temperature and to have strong, healthy plants should not be forced in too warm a temperature. They will require a house in which the night temperature does not fall below 60° and should be given all the air possible without chilling during pleasant, bright days, carefully avoiding drafts. They will need to be watered carefully, for the roots are very fine and are growing slowly, and overwatering quickly shows in the growth of the plant. It is now a good time to procure young stock if the grower is not supplied, for those making a specialty of this plant will have the best of stock at this time.

Asparagus Plumosus and Sprengeri.

Small stock of Asparagus plumosus and Sprengeri are now a necessity with all plantmen, for they are freely used in fern dishes and in plant baskets, being very satisfactory plants for

main in the flats until they are strong enough to transplant. Do not cover the seed too deeply; an eighth of an inch of soil sifted over the seed is ample. The first potting must be carefully done, for they make a long tap root with very few small roots and the soil does not adhere to it, and in the young stage this root is easily broken. A warm house with plenty of moisture and careful watering with a slight shade is all they require after being potted. Overwatering will always cause the fronds to take a yellowish hue.

Gladiolus.

The gladioli that are being forced for spring blooming will soon begin to open their flowers, and to have good clean stock they will require attention. The spikes should first of all be kept erect, for if they get bent and crooked half their value is gone, and this will occur very quickly on the bright sunny days when the plant leans over, so they should be kept tied either to stakes or wires to prevent this. The spike should be cut when the first flower opens and placed in water and the other flowers opened in the office or store room. These flowers spot very quickly if water is sprinkled upon them in the greenhouses and at this season of the year syringing on bright days is a necessity or red spider is sure to obtain a foothold, and if these pests become once well established it is almost impossible to eradicate them. Considerable discussion is often heard as to whether the corms of gladioli forced are of any value another year. If the plant is not cut too far down on the stem and the corms are given an opportunity to thoroughly ripen there is no doubt but that the bulbs may be grown another year and good results obtained, but if the plant is cut off clear down to the ground the



LILIES AT PETER REINBERG'S, CHICAGO.

The Week Before Easter. Felix Reichling, Store Manager, in the Aisle.

house culture. Fresh seed can now be obtained and the stock grown on through the summer, which will make fine stock for the next winter. The seed will germinate more readily and evenly if soaked in lukewarm water placed in a warm location for 24 hours before planting. Instead of sowing the seed broadcast it is better to sow them about three-quarters of an inch apart and they can then be allowed to re-

corm has no chance to make its full growth or to ripen and the corms will be practically worthless. Corms that are forced this year, and the spike cut so as to leave three or more leaves, if properly ripened can be planted outside another year and the following year first-class corms will be the result. The Gladiolus Colvillei can be forced year after year if grown properly.

Memorial Day.

With the Easter stock out of the way, there will be room available for the plants that have of necessity been crowded more closely together for the last few weeks, and the next great day before the grower is Memorial day. In those sections of the country where the late frosts are passed the bedding stock must be ready for planting out at that time, and the demand will be

EASTER TRADE.

The following reports from the trade in practically every section of the United States, supplementing those that appeared in these columns last week, leave no room for doubt as to the magnitude of the 1916 Easter trade, which in both cut flowers and plants was unquestionably the greatest in



FLORAL ARRANGEMENTS BY ILLINOIS UNIVERSITY STUDENTS.

Table Decoration of Daffodils and Blue Birds. Corsages of Yellow, White and Blue Pansies.

for plants to flower, for the customers will desire plants that will make a good showing by May 30, and the stock must be grown with that object in view to have a good sale. The geraniums and other blooming plants should be placed in their blooming pots, spaced out and given a good sunny location that they may be full of bloom by the last of May. It is next to impossible to sell plants that are not in flower at Memorial day. The production of flowers for that day must also receive prompt attention. Much of the floral work for Memorial day is what is called "cheap" work; that is, flowers that make a great show and are not expensive. So although there are many roses and carnations used, yet large quantities of the cheaper flowers are employed to fill in and make the sprays and bouquets larger. Early outdoor flowers and blooming shrubbery can be used, but in some sections these cannot be depended upon, so flowers must be grown in the houses. Stocks make a splendid flower for this purpose and should be benched at once. The plants should now be about three or four inches high and growing rapidly. Candytuft is grown in large quantities by some growers for Memorial day. Seedlings can be transplanted in early April and brought into flower the latter part of May. Spiraea, both as a pot plant and for cut flowers, are very useful at this time; six to eight weeks will bring them into flower at this season. There are other annuals that can be raised for Memorial day blooming, but the two mentioned are grown in largest quantities.

SCRANTON, PA.—A. L. Besancon & Co. are now located in their new store, a very good location at Adams avenue and Spruce street.

ST. JOSEPH, MO.—Robert Newcomb, of Vaughan's Seed Store, Chicago, was a recent visitor, arriving from St. Louis, Mo. He reports good orders for all classes of stock.

many years. Instances where a substantial gain was not reported are rare, and in such cases the cause is readily traced to adverse conditions which could not be controlled.

FREDERICKTON, N. B.—All in all the Easter business this year was very satisfactory according to J. Bebbington & Son. Prices were about the same as in 1915, but sales were about 20 per cent better. The plant supply was ample. Lilies sold out completely; in fact, about the only item of which there was a surplus was hyacinths, but this condition was due to having a very heavy supply rather than to any fault in the demand. In cut flowers more carnations could have been disposed of had they been available. Daffodils and crimson roses also had a heavy call. Fine weather and a heavy demand for funeral work were also factors in the excellent trade during the week.

LOS ANGELES, CALIF.—One hundred thousand lily plants were a feature of the Easter trade while cut flowers glutted the market, but the lilies sold well both in plants and cut stock as did high class roses, according to the Redondo Floral Co., with the result that business this year was greater than the Easter season of 1915. Prices for pot plants were about the same but owing to the immense supply of cut flowers, they sold at figures below the average. Early in the week the outlook was not very promising, but brightened later and those who had stock of good quality had satisfactory sales.

TORONTO, ONT.—Easter trade for 1916, both as regards volume of business and prices, varied little from the corresponding period a year ago, according to Dunlop's. The supply of plants and cut flowers was ample. Good Friday was generally observed and with a heavy rain which kept customers away, business suffered on that day, but was otherwise fair. In plants, the big demand was for hydrangeas, lilac, rhododendrons, with a few calls for azaleas. Roses, carnations, lilac and sweet peas led in the cut flower class.

DENVER, COLO.—The Park Floral Co. in comparing the Easter trade of 1916 with that of last year reports an increase in volume of sales of 25 per cent. Prices were about the same. While there was no shortage in plants the supply cleaned up nicely. There was also a big demand for cut flowers, but carnations and American Beauties were rather short of requirements. There was a big call for corsages and novelties. Pot lilies sold unusually fast. Bulbous stock was soft and moved slowly.

MINNEAPOLIS, MINN.—Easter trade this year, while prices showed no advance, was 20 per cent better than that of 1915. The plant supply was ample with the exception of azaleas in small sizes. In cut flowers there was a marked scarcity of lily of the valley, violets and sweet peas and these items had to be substituted on. Rambler roses in corsages made a big hit and brought more money than the plants, as they brought \$1 per dozen when arranged this way, according to Thos. C. Rogers.

POUGHKEEPSIE, N. Y.—The Saltford Flower Shop reports that Easter, 1916, has gone down on record as the greatest ever. Plenty of business, plenty of



FLORAL ARRANGEMENTS BY ILLINOIS UNIVERSITY STUDENTS.

Basket of Snapdragons.

good stock and good delivery weather; the only thing lacking was a few more hours in each day to take care of things, as the 24 was not quite enough. Flowering plants were very plentiful and good. A noticeable thing was the number of transfer orders through the F. T. D. The new Western Union transfers of flowers was also used to quite an extent.

WASHINGTON, D. C.—Everything in bloom sold well, and notwithstanding the fact that department stores, markets, grocery stores and street fakirs handled large numbers of plants, the florists of this city had all they could do to properly handle the 1916 Easter business, according to Gude Bros. Co. The supply of plants was plentiful, but in the cut flower class there was a shortage of orchids, violets and lily of the valley. Prices were better than a year ago and sales amounted to 20 per cent more.

RALEIGH, N. C.—Sales were greater by at least one-third and prices were considerably higher than a year ago, according to J. L. O'Quinn & Co. The supply of plants was plentiful, with the exception of Easter lilies and azaleas, but the cut flower supply was short by at least one-third. Everything in flowers sold at sight, with lily of the valley, orchids and sweet peas as leaders. Weather conditions were all that could be desired. It was impossible to get enough stock to supply the demand.

BANGOR, ME.—Normal business for Easter, 1916, is reported by Adam Sekinger. Prices as compared with the corresponding period last year were a trifle higher on sweet peas, the same on roses, while on bulbous stock the figures were lower. Stocks of both plants and cut flowers were plentiful, with the exception of violets; no good stock of these were to be had. Pans of tulips were slow sellers. There was an immense call for corsages. Rose bushes of all kinds had a big sale.

WASHINGTON, D. C.—A 50 per cent increase in sales as compared with the Easter trade of 1915, with prices about on a par, is reported by G. C. Dalglish. The supply of cut flowers and plants was plentiful, sweet peas being about the only scarce item, and with violets and roses, led in popularity in this class. Carnations were the least salable. There was a heavy demand for small plants of all kinds. Azaleas moved slowly. Cattleyas were scarce and sold at from \$15 to \$18 per dozen, wholesale.

LAWRENCE, KAN.—Easter sales this year were about 10 per cent better than those of a year ago, with prices about the same is the report of A. Whitcomb & Son. The supply of plants was equal to the demand and carnations were the only flowers that fell short in supply. Pot lilies were most popular, but all plants sold well. In the cut flower class tulips were least popular. The late date of Easter helped the sale of bedding plants, but the weather has been cold and wet.

BATTLE CREEK, MICH.—S. W. Coggan reports an Easter trade that broke all previous records. Prices were about the same as during the corresponding period last year, but there was an adequate supply of both plants and cut flowers and buying was brisk. In addition to a large number of spring flowering plants, 800 lily plants were included in the sales. In cut flowers among other items were 8,000 sweet peas, 4,000 roses, 3,000 carnations. Violets also sold well.

TERRE HAUTE, IND.—Ideal weather and a plentiful supply of all kinds of

stock had much to do with an increase of sales of about 25 per cent as compared with the Easter business of 1915 according to N. B. & C. E. Stover. Prices were about the same as usual for this occasion. Other florists as far as reported also sold out completely. The public seemed eager to buy and the demand was for the better plants. It was the best Easter business in several years.

COLUMBUS, O.—John R. Hellenenthal reports Easter business this year practically double that of 1915. Prices were much better and the supply in all lines was ample. Everything in plants of good quality found ready sale and in cut flowers the heavy call was for corsages. The markets were flooded with stock that sold at buyers' prices, and department stores sold roses at two for five cents. It seemed that the growers did not know the value of stock.

HARTFORD, CONN.—John Coombs estimates the 1916 Easter business at his establishment 25 per cent greater than that of a year ago. Average prices prevailed, and while the supply of plants was equal to requirements, cut flowers fell short of the demand. In this class everything sold, with violets and sweet peas most called for. Lilies and azaleas were favorites in the plant division. All of the local florists are well pleased with the Easter business this year.

EVANSVILLE, IND.—Prices on the better grades of stock were higher than those of last year and business this year showed an increase of 15 per cent is the report of the Wm. Blackman Floral Co. The supply of both plants and cut flowers was not equal to the demand, and in the former everything that was good found a ready buyer. Corsages of all kinds were popular and cut lilies, roses and sweet peas were in strong demand.

PETERSBURG, VA.—Easter business this year showed an increase of 100 per cent over that of a year ago, according to Wm. S. Young. Prices were better and the supply of both cut flowers and plants were short of the demand. All flowering plants sold especially well. In cut flowers the best sellers were violets, lily of the valley, orchids, roses and Easter lilies. Mr. Young reports this is the double of any previous Easter period.

PORTLAND, ORE.—Clark Bros. report a slight increase in Easter sales as compared with those of 1915. Prices, too, were somewhat higher. Plants were in plentiful supply but nearly everything cleaned up. About the only short item in cut flowers was carnations. Corsage flowers were in brisk demand especially Cecile Brunner roses, sweet peas and lily of the valley. Easter lily plants as usual were the big factor.

LITTLE ROCK, ARK.—A late Easter, with outdoor roses and other flowers had its bad effect this year, although not as much as was expected, is the report of Tipton & Hurst. Trade showed a decrease of 15 per cent. Stock was plentiful and prices about as usual. Lily plants were the leaders, followed by spirea, hydrangeas and azaleas. In cut flowers, carnations, roses and lilies sold best and in the order named.

BERKELEY, CALIF.—Prices were about the same as last year and the volume of Easter business this year was about the same is the report of J. A. Carbone on the 1916 Easter trade. There was an oversupply, both in cut flowers and plants with lilies the favorites in both classes. Carnations were the least salable. Roses had a good call. Business was better than was ex-

pected, but many dealers were oversupplied.

FORT SMITH, ARK.—The best Easter trade in years is reported by George Rye, "Some Florist." There were more credit sales than usual, however, and a corresponding shrinkage in cash buying. Prices were about the same as a year ago and stock of all kinds was plentiful. In plants the call for lilies exceeded those of all other varieties, while in cut flowers everything had a good call. Spirea moved slowly.

FREMONT, NEB.—Greene's Greenhouses report Easter trade this year 25 per cent better than that of 1915, without any advance in prices. The supply of plants was short of the demand, but cut flowers were plentiful. In the former, Easter lilies, hyacinths, spirea, daffodils, tulips and geraniums sold best in the order named. Lilies, daffodils, roses, carnations, tulips and sweet peas were the cut flower favorites.

WORCESTER, MASS.—M. W. Reid reports an increase of 20 per cent in Easter sales, as compared with the corresponding period of 1915. Prices were about the same and the supply was ample, with the exception of violets. Plants sold exceptionally well, with the exception of bulbous stock. Carnations were the least salable. The weather was very unseasonable, Friday and Saturday being wet and cold.

EAU CLAIRE, WIS.—A. F. T. Lauritzen reports the 1916 Easter trade was 25 per cent better than that of last year, with prices about the same. Stock in all lines was plentiful and fully equal to all demands. In plants lilies were the favorite, with azaleas and rambler roses next in popularity. In cut stock all flowers sold equally well. Mr. Lauritzen opened a downtown store shortly before Easter.

SPOKANE, WASH.—With prices on a par with those of Easter, 1915, sales at Hoyt Bros.' establishment showed an increase of 10 per cent this year. The supply of cut flowers was equal to requirements, but a shortage of lily plants held down the aggregate sales, as they led in demand. Daffodils moved slowly. In spite of cold weather, corsage flowers were leaders. Carnations were least called for.

POMONA, CALIF.—A small increase in sales for Easter as compared with the same period of 1915 is reported by A. Roessner. Prices varied little if any and stocks, both in cut flowers and plants, were equal to the demand. There was not much call for plants, the outdoor flowers being a factor that hurts sales in this line. In cut flowers, roses were slow sellers, the best demand being for carnations.

OGDEN, UTAH.—F. J. Hendershot & Son report an exceptionally good Easter trade this year. Prices were no higher than those of 1915, but the volume of business was double that of a year ago. The supply of cut flowers was ample, but more plants could have been disposed of had they been available. Easter lilies as usual were the strong favorites both in plants and cut blooms.

ROCKVILLE, IND.—A splendid Easter trade is reported by H. B. Brubeck, the volume of business being about 10 per cent greater than that of 1915. Prices were a little better. In cut flowers roses were short of requirements and plants were not in adequate supply. Spring trade has been backward, but indications point to improvement at this time.

WATERTOWN, N. Y.—With a wet, disagreeable day preceding Easter, Fred

E. Avery reports business was greater by 20 per cent than a year ago, with no advance in prices. Plants were in good supply, with lilies in strong demand. There was a good call for all bulbous stock. In cut flowers sweet peas, carnations and roses were the favorites.

ATLANTIC, IA.—The Atlantic Greenhouses report 1916 Easter sales more than one-third better than those of the corresponding period last year. Prices were normal, and the supply in all lines was plentiful. In plants, bulbous varieties sold best, while the cut flower leaders were carnations, lilies and daffodils. Roses were least salable.

FARGO, N. D.—The volume of business and range of prices differed little from the corresponding period of 1915, is the report of the Shotwell Floral Co., regarding the Easter trade this year. In the plant class rambler roses, small azaleas, lilies and hydrangeas sold well, and there was a brisk demand for cut blooms.

NEW ORLEANS, LA.—Abele Bros. report business during the Easter period this year 15 per cent better than that of 1915. There was little if any difference in prices. Flowering plants were in heavy demand and the supply was plentiful. Cut flowers, however, were short of requirements. Lilies were the best sellers.

SANTA CRUZ, CALIF.—The Easter trade of 1916 was a little less than that of a year ago, as reported by W. E. King. Prices were no higher and the supply of both cut flowers and plants was equal to all demands. All plants sold well and in cut flowers the heavy call was for lilies.

GREELEY, COLO.—The Gardner Floral Co. reports an increase in sales this year of about 15 per cent as compared with the Easter trade of 1915. The usual prices prevailed and there was a plentiful supply of stock in all lines. An unusually good call for pot plants was noticeable.

CLEVELAND, O.—A. Graham & Son had a splendid demand for good stock of all kinds. The supply of both cut flowers and plants was adequate, and while prices were about the same as last year, this firm's 1916 Easter business showed a 10 per cent gain in total sales.

The Late Mrs. D. Willis James.

Mrs. Ellen Stebbins Curtiss James, better known as Mrs. D. Willis James, died at her New York City home, 40 East 39th street, April 28, in her eighty-third year. She was the widow of D. Willis James, who died in 1907, leaving a great estate. During his lifetime, Mr. James was active in charity and every other good work, and after his death Mrs. James carried it forward. She gave \$180,000 to the Old First Presbyterian church of New York, and her hand was always open to any worthy charity. She was a liberal patron of horticulture and her country estate at Madison, N. J., which has long been superintended by William H. Duckham, is one of the finest places in the country. She is survived by one son, A. C. James.

Springfield, Ill.

A big floral pageant is being arranged as one of the features of the programme of the annual convention of the Travelers' Protective Association, which will be held in this city, May 5-6. Cash prizes will be offered for the best eight decorated automobiles and it is anticipated that there will be many beautiful displays. The pageant will be filmed by the Hearst-Vitagraph Co. of Chicago.

Boston:

TRADE IS VERY SATISFACTORY.

Business during the past week has been very satisfactory in nearly every line. There has been more activity than has been seen for some time and prices have held up very well. Roses found a good market at from \$2 to \$16 per 100 for the average. Good Ophelia and Hadley sold in some cases for \$2.50 per dozen. American Beauties are in moderate supply and prices ranged from \$16 to \$25 per 100. Carnations went very well, light colors especially at \$3 and \$4 per 100. There is a large supply of yellow marguerites coming to Boston, but prices seem to hold very well, as there was a good call for them for May day trade. Prices ran from 75 cents per 100 to \$4 per 100. Sweet peas were in good demand the entire week. Standard quality flowers brought from \$1 to \$2 per 100. Cut Easter lilies are plentiful and find very little demand. Bulbous stock sells well, good Victorias bringing \$2 and \$3 per 100. There is a good supply of Spanish iris, and prices have been lower than average.

NOTES.

W. D. Howard, of Milford, is cutting a large crop of his high quality carnations and ships about 10,000 per week at present. He grows Ward extensively and finds it to be a very profitable variety. He will plant heavily of Cottage Maid this coming season.

Some of the finest sweet peas seen in the city are those grown by A. E. Briggs, of Dighton, Mass. Some of the flowers had stems 20 inches in length.

Mrs. Maurice Hambro, wife of the well known salesman of Wm. Sim, has recovered from a serious operation and is on the road to recovery.

Larkin Chandler, of Tewkesbury, is confined to his home with a light attack of typhoid fever.

Elliot Filson, salesman for Pierce Bros., will be married May 16, 1916.

F. L. W.

Washington, D. C.

EXCELLENT BUSINESS FOLLOWS EASTER.

Easter is past and practically forgotten, but the trade that followed with the opening of the stores Monday morning was surprisingly good, and without the extra help, all hands felt the pressure and at present writing there is no signs of diminishing. Every social event that could be crowded into one week was on the schedule. Stock was good and looked better than it did during Easter week and prices were very satisfactory. American Beauties sold at from \$1.50 to \$5, while other roses, such as the Killarneys, Radiance, Sunburst, Hadley, Richmond, Shawyer, Ward and Ophelia, were priced at from \$3 to \$12 per 100. Carnations, which are extra good, sold at from \$2 to \$3.

NOTES.

Marche & Co. are still cutting some extra fine jonquils which find a ready market. This firm will go into the growing end of the business on a larger scale next season. They expect to be able to supply the local trade with some quality stock.

The stock of W. Clark & Son is always in demand. They are sending in some of the finest hydrangeas seen in this city.

S. S. Pennock-Meehan Co. are handling some extra fine sweet peas. They also have gladioli, which find ready sale.

Gude Bros. Co. are cutting some very fine American Beauty and Radiance roses.

Visitors: J. J. Gandy and S. Bayersdorfer, Philadelphia, Pa.

G. C. D.

Memorial Day Number

TO BE ISSUED

May 18

JUST RIGHT FOR THE

Decoration Day Business

—The Best Paid—

Circulation

To the Trade in the Trade

That means profit to you.
No bogus inquiries that cost
time and actual cash.

Offer Them Now

ALL SPECIALTIES
For Cemetery Use
Window Box Stock
All Bedding Plants
Plants for Vases
While Demand is Strong

American Florist Co.

440 S. Dearborn St.

CHICAGO



The Early Advertisement
Gets There.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Cleveland	\$42
Wichita	\$42
Tacoma	\$42
Lancaster County Florists' Club	\$44
Philadelphia	\$46
New York	\$48
Horticultural Society of New York	\$48
St. Louis	\$50
La Grange, Ill.	\$50
Newark newspaper is called	\$48
The seed trade	\$56
—Corn \$200 per bushel	\$56
—Seed bags for peas and beans	\$56
—New York seed trade	\$56
—Philadelphia seed trade	\$56
—French seedsman heavily punished	\$56
—Miracle wheat old delusion	\$56
Market gardeners	\$60
—Tomatoes on benches	\$60
—Soils and manures	\$60
—Cabbage plutella	\$62
The nursery trade	\$62
—Tree nursery infringement denied	\$62
—Destructive scale insects	\$62

EUONYMUS LATIFOLIUS in variety and the golden privet are good window box subjects.

SUBURBAN grocers in the vicinity of Chicago are carrying consigned lots of shrubbery that they are able to retail at 15 cents.

It is always bad policy to risk tender stock outdoors in advance of the usual time, without adequate facilities for protection.

COLLECTIONS in the trade are slow for this time of the year. The Easter business does not seem to have placed all on easy street.

NATIONAL FLOWER SHOW.—No location has been chosen for the Fifth National Flower Show, which, under present arrangements, should take place in 1918, but Cleveland has begun preparations for it in the \$2,500,000 bond issue decided upon last month for a municipal exposition building.

Western Union Popularizes Mothers' Day.

The efforts of the florists to popularize Mothers' day sink into insignificance when compared with the publicity work of the Western Union Telegraph Company. The possibilities of the day were taken up by its commercial department, and after due consideration, an amount of \$20,000 was appropriated to impress upon the public the importance of the day. Window cards in two sizes, one 11x14, contains a line drawing of two carnations with the inscription, "The Flower of the Day is the White Carnation," with Mothers' day in large letters and date; also, an invitation to send her a message of affectionate greeting by the Western Union Telegraph Company. The official card of the association, 12x18 inches, without the name of company is the other.

A small leaflet with some 25 appropriately worded messages, also special Mothers' day sending and receiving telegraph blanks with outline cuts of carnations surrounding the inscription, "Mothers' day," will be found in every one of 15,000 offices of the company throughout this country. The express charges alone on the delivery of this matter is something over \$4,000. The company will also deliver flowers with the message if desired.

These will be the greatest boosts Mothers' day has ever had, and its influence should certainly have a favorable effect on the demand for flowers. In every community the trade should get together and be prepared to help by their co-operation, in advertising, window decorations, and in every way do what they can to exploit the day.

Society of American Florists.

AMENDMENTS TO CONSTITUTION.

In the notice appearing in the trade papers of the amendments approved by the executive board for presentation at the Houston convention, the following was omitted:

Article II, section 2—Elections and appointments. Add to Paragraph (B). "The president shall also appoint on the first day of January of each year a representative at Washington, D. C., who shall as such also be a member of the board of directors, and whose term of office shall be for one year."

MEMBERS' BUTTONS.

Any member joining the society or paying dues at Philadelphia, during the period of the National Flower Show, who did not receive the annual badge button will receive one immediately upon application to the secretary.

NATIONAL FLOWER SHOW, PHILADELPHIA.

Any exhibitor desiring duplicate exhibitors' cards or ribbons won at the show should communicate with the secretary.

All cuts and plates used in the official souvenir program have been returned to advertisers.

Vouchers for all cash prizes awarded at the show are now in hand for payment and checks will be sent out in a few days.

In the list of guarantors published in the final schedule and official souvenir program, the entry "Some Florists of Minneapolis" should have read "Some Florists of the Twin Cities."

The following awards were made in the trade section:

Jos. G. Neidinger, Philadelphia: New styles in baskets; certificates of merit.

Schloss Bros., New York: Florists' ribbons; certificate of merit.

Fulper Pottery Co., Flemington, N. J.: Florists' art pottery; certificate of merit.

Kirke Chemical Co., Brooklyn, N. Y.: Device for attachment to hose for dis-

tribution of fertilizers and insecticides; certificate of merit.

W. H. Dugan, New Rochelle, N. Y.: Shades for greenhouses; honorable mention.

John G. Moninger Co., Chicago: All-steel frame greenhouse construction; certificate of merit.

Mathews Gardencraft Co., Cleveland, O.: Garden accessories; certificate of merit.

Pfaltzgraf Pottery Co., York, Pa.: Florists' flower pots; honorable mention.

A. L. Randall Co., Chicago: Original and unique designs in flower and plant receptacles, vases and florists' designs; certificate of merit.

JOHN YOUNG, Sec'y.

Gardeners' Essay Contest Winners.

The gardeners' essay contest of the National Association of Gardeners for ex-President Everitt's gold prizes was recently decided by Edwin Jenkins, Arthur Smith, William Downs, William J. Stewart and J. Harrison Dick, the judges, as follows:

Class I—Subject, "Horticulture as a Profession from the Standpoint of a Gardener"; awarded to "Spero meliora," John Johnson, Southampton, N. Y.

Class II—Subject, "The Proper Grouping and Culture of Trees, Shrubs, Perennials and Annual Bedding Plants in the Ornamentation of Private Grounds." No award was made by the judges as the papers submitted were not of sufficient merit to warrant an award.

Class III—Subject, "Preparation of Ground for, and General Treatment of Hardy Herbaceous Perennials," awarded to "Filius Terræ," H. E. Dorner, Northampton, Mass.

Class IV—Subject, "A Year's Vegetable Supply," awarded to "Ian," John S. Doig, Southborough, Mass.

The essay contest for President Craig's prizes of \$25, \$15 and \$10 for the best three papers on any horticultural subject submitted by assistant gardeners is now under way. The contest will close November 1, and the judges' decision will be rendered at the next convention of the association, which will be held in December. The papers are limited to 2,500 words and must be signed with a nom de plume and forwarded to William H. Waite, chairman of the committee on essays and horticultural instruction, Box 290, Madison, N. J. The contestant, too, must send his full name and address enclosed in an envelope with his nom de plume written plainly on the outside of the envelope to the secretary, M. C. Ebel, Madison, N. J.

As considerable time has been allotted to prepare the essays it is hoped that the number of contestants will be many.

Women's National Agric. and Hort. Ass'n

The third annual meeting of the Women's National Agricultural and Horticultural Association will be held in connection with the Women's Educational and Industrial Union, at Horticultural hall, Boston, Mass., May 18-19. A very interesting programme is promised, several prominent speakers having already accepted the invitation to present papers on horticultural subjects. Mrs. George U. Crocker, 378 Marlboro street, Boston, is chairman of the conference committee of the association.

In Bankruptcy.

The James Endie Co., Cleveland, O., filed a petition in bankruptcy May 1, in the United States district court, placing its liabilities at \$6,249.27 and its assets at \$3,857.21.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cincinnati, O., May 8, 8 p. m.—Cincinnati Florists' Society, Hotel Gibson, Alex Ostendarp, secretary, 24 E. Third St., Cincinnati.

New York, May 8, 7:30 p. m.—New York Florists' Club, Grand Opera House building, Twenty-third St. and Eighth Ave. John Young, secretary, 53 W. 28th St., New York.

Rochester, N. Y., May 8, 8 p. m.—Rochester Florists' Association, 95 East Main St. H. B. Stringer, secretary, 47 Stone St., Rochester.

Holyoke, Mass., May 9, 7:30 p. m.—Holyoke and Northampton Florists' and Gardeners' Club. James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Newport, R. I., May 9, 8 p. m.—Newport Horticultural Society, Music hall, Thames St. William Gray, secretary, Bellevue Ave., Newport.

Seattle, Wash., May 9, 8 p. m.—Seattle Florists' Club, Henry Bldg. Thos. Wylie, secretary, Holly St., Seattle.

Chicago, May 10, 8:15 p. m.—Gardeners' and Florists' Union No. 10615, 232 North Clark St. Louis Heldtman, secretary, 3641 North Albany Ave., Chicago.

Lenox, Mass., May 9, 7:30 p. m.—Lenox Horticultural Society, Town hall. Lewis Barnett, secretary, care of Allen Winden, Lenox.

Madison, N. J., May 10, 8 p. m.—Morris County Gardeners' and Florists' Society. Edward Reagan, secretary, Morristown.

Poughkeepsie, N. Y., May 10, 8 p. m.—Dutchess County Horticultural Society, Fallkill Bldg., corner Main and Washington Sts. Theo. H. De Groff, secretary, Hyde Park, N. Y.

Davenport, Ia., May 11, 7:30 p. m.—Tri-City Florists' Club, house of members. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., May 11, 8 p. m.—New London Horticultural Society, Municipal Bldg. John M. Humphrey, secretary, New London.

St. Louis, Mo., May 11, 2 p. m.—St. Louis Florists' Club, Odd Fellows hall No. 2. J. J. Beneke, secretary, 1216 Olive St., St. Louis.

Hartford, Conn., May 12, 8 p. m.—Connecticut Horticultural Society, County Bldg., Trumbull St. Alfred Dixon, secretary, 25 Wilcox St., Wethersfield, Conn.

Dobbs Ferry, N. Y., May 13, 8 p. m.—Dobbs Ferry Horticultural Association, Odd Fellows hall. Henry Kastberg, secretary, Dobbs Ferry.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As caretaker or assistant, private place preferred. Six years' experience in inside and outside work. Married, good references. Address

Key 630, care American Florist.

Situation Wanted—As bookkeeper by a clever and capable young man of good habits. Has had large experience in a leading wholesale flower store. For further particulars, address

A. F. F. care American Florist.
42 West 28th St., New York

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Helpers wanted in rosehouses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Lady in flower store. Room and board if desired. Good wages.

HILTON, 1509 E. 53rd St., Chicago.

Help Wanted—Young man with some experience in growing cut flowers and plants for retail business; good opportunity for a sober and willing worker.

F. G. HUNT, Glencoe, Ill.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address

Key 631, care American Florist.

Help Wanted—Three experienced potters. VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Help Wanted—Experienced salesladies for loop store. Apply at once—CHICAGO FLORAL HOUSE, 41 West Randolph Street, Chicago, Ill.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON, 833 E. North St., Morris, Ill.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting. THE REMINGTON-WELCH CO., Geneva, N. Y.

Help Wanted—Experienced traveling seed salesman. State experience, salary, age and references when replying.

JOHN A. SALZER SEED CO., La Crosse, Wis.

Help Wanted—At once. A good all around grower of roses, carnations and general greenhouse stock. State wages expected in first letter. Good steady position for the right man.

EDWARD TATRO,
407 E. Iron Ave., Salina, Kans.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address

Key 623, care American Florist.

For Sale—Good paying retail flower store, with greenhouse, on north-west side, Chicago. Address

Key 632, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.

J. C. PAUL,
South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address

A. HANSON, 2615 F Street, Vancouver, Wash.

For Sale—Old established florist business; three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount. Near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

Wanted—Good second-hand Lord & Burnham steam boiler, about ten sections.

FAIRVIEW GREENHOUSES, Milton, Pa.

SITUATION WANTED

Experienced storeman capable of taking complete charge. A1 salesman and designer. For many years connected with several of Chicago's leading retail establishments. For particulars address

Key 633, care American Florist.

Opportunity Knocks But Once.

26 acres rich black level soil, located 25 miles south of Chicago. Especially suited for truck gardens and large greenhouse where excellent facilities for side tracks are required for the handling of coal, fertilizer, etc. As an individual I am in position to offer this at an exceptional bargain.

F. C. ECKMANN, Joliet, Ill.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S Dearborn St., Chicago

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Help Wanted

An experienced truck gardener and greenhouse man, single, good worker, must furnish best of references. Salary \$50, board and room. Address at once.

E. G. Patterson, Bismarck, No. Dak.

OFFICIAL S. A. F. Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

CAPE JESSAMINE BUDS

(GRANDIFLORA)

The prettiest and most fragrant flower, with white wax-like blossom and dark green foliage

We begin shipping buds about May 15, and they will last until June 10 to 15. Memorial Day orders should be in by May 15. Special attention given to Weddings, Entertainments and Commencement orders.

PRICES F. O. B. ALVIN

Medium Stem	\$8.50 per 1000	Long Stem.....	\$13.00 per 1000
Medium Stem.....	1.00 per 100	Long Stem.....	1.50 per 100

We solicit your orders, which shall receive our prompt attention.

REFERENCE: ALVIN STATE BANK.

T. W. CARLTON, ALVIN, TEXAS



Detroit.

SHORTAGE OF HELP HAMPERS GROWERS.

The club meeting Tuesday evening, April 25, was well attended. President Frank Danzer occupied the chair and 22 other members participated actively in the proceedings. A review of Easter trade was the all-absorbing topic, and the unanimity of opinion of all dealers present left no doubt in the mind of any one that the Easter season of 1916 was the most successful and satisfactory in all respects ever before experienced by the local trade. An important factor contributing to this great result was, in the opinion of many, the most excellent quality of all the stock offered in both cut flowers and plants, and the volume of trade was increased much because the buying commenced earlier than usual in the week and continuously increased as the big day of all approached, when the facilities of all were taxed to the utmost.

It developed at the meeting by the reports of several of the big growers, that the question of help for greenhouse work is already very serious and promises to be more so. The unparalleled industrial success this city is enjoying has resulted in wages for ordinary help unheard of before and more than doubling the highest wages a florist feels able to pay. As new hands are employed by the florists they, too, soon learn of the higher wages offered by the factories and abruptly leave the greenhouse. While this condition lasts, no grower here will add a foot of glass to his establishment and many are now regretting their recent additions, because of labor conditions only. Trade the past week was very good and all left-over stock of plants was easily disposed of, while funeral work of extraordinary volume kept all busy and used all the supply of cut flowers, excepting lilies, of which there is still a big stock.

J. F. S.

Salt Lake City.

EASTER TRADE SWEEPS MARKET CLEAN.

The local florists made a thorough clean-up on Easter stock, and while there were more Easter lilies on hand than ever before, all sold at prices a shade lower than in former years. Some of the trade started the price low fearing a glut, but the shortage of plants of other varieties, kept the demand for lilies firm.

NOTES.

The Miller Floral Co., of Farmington, recently secured eight acres of land adjoining its present holdings and will erect three large houses this summer. This concern has a very

large range for this section of the country and when they commenced business, many florists predicted that they were going in on a larger scale than the market justified, but this has proven to be a mistake as this establishment has not been able to fill all of its orders this season, which is saying much considering the immense quantity of stock that they have turned out.

Rose bushes are becoming very popular in this city, the residents having discovered that nearly all of the tea and ever-blooming varieties will thrive in this climate without protection. The city parks have planted several thousand bushes of the best varieties this spring, the majority of them being furnished by Law's Nurseries. Many of the hybrid perpetuals are being grubbed out and replaced with hybrid teas.

Olaf Lindgren, of Bountiful, is adding five new houses of Moninger construction. This will give him quite a large carnation range. He has been very successful with his carnations this season, but he was unable to supply the heavy demand.

The Huddart Floral Co. had the finest display of plants ever sent into this city, some very fine specimens coming from California, which attracted much attention in this firm's windows.

The greenhouses are now exceptionally well stocked with bedding plants and the trade is preparing for the next big rush—Memorial day.

The Easter weather was more like June than April—ideal for deliveries.

D. E. L.

Omaha.

LILY OVERSUPPLY BUT TRADE GOOD.

While trade conditions have been generally satisfactory for some time, they were never better than at present, and prices hold firm. Easter trade was good with the exception that the lily situation caused some dissatisfaction as there was an oversupply due to heavy shipments from the outside in addition to the stock furnished by the local growers. As a result the fear of a surplus caused a cutting of prices, especially in the department stores, where Easter lilies were quoted as low as nine cents per bud and bloom. Good stock was in good demand, however, and the finest easily sold at 25 cents per flower. Azaleas, hydrangeas and rhododendrons were slow sellers. Cut flowers were not as much in demand as they were expected to be, but they were plentiful. Basket arrangements sold well, especially those priced from \$4 to \$10. Plants priced at from \$1 to \$2 had the best call.

NOTES.

Hess & Swoboda report a heavy Easter trade. It was an eleventh hour rush, however, otherwise it would have been still better, as lack of room prevented handling the business. Geranium Easter Greeting was a feature at this store and sold well. Excellent roses were also seen in quantities, those ranging in price from \$1.50 to \$3 having excellent sale.

The outlook for Mothers' day business is very good. Bedding plants are already being ordered in large numbers, and indications are that everything will sell well and at good prices on that day.

F. Berlinghoff, of the Hess & Swoboda staff, is confined to the hospital with pneumonia.

Dolph Gude, of Washington, D. C., has been at the Hess & Swoboda store since April 15.

J. H.

Milwaukee, Wis.

DEMAND GREATER THAN SUPPLY.

Business for the week following Easter was very satisfactory in every respect. The supply in most lines was good, but the demand better. This can no doubt be attributed to social functions, which were at a standstill during Lent, and a noticeable increase in funeral work. But in roses and carnations, the prices were firm. Towards the end of the week the weather was warm, but a cold, wet Sunday had a tendency to hold stock back. Some very long and fancy snapdragon is reaching this market, but does not move as readily as the shorter grade.

NOTES.

The local press, April 26, announced the engagement of Frank A. Sylvester to Miss Alpheia Anchuetz. Frank is the youngest son of Otto Sylvester, Sr., of Oconomowoc, and is connected with the J. M. Fox & Son, Inc., cut flower department.

At the dancing party given at the Auditorium, April 27, complimentary to the workers at the recent charity bazaar, many corsage bouquets were in evidence. More than 7,000 people attended.

May 1, and the writer has not heard of any carnation grower in this vicinity who has moved any stock into the field. The season is fully two weeks behind last year.

E. O.

DAYTON, O.—The Miami Floral Co. has purchased 10 acres of land adjacent to its present establishment and will build additional houses and add to its area for outdoor cultivation of plants.

TWO-YEAR-OLD

Holland Grown Rose Bushes

TEN CENTS EACH

Not less than ten plants of any one variety of the following sorts sold in a lot:

Aenchen Muller, Baby Dorothy, Baby Farben-Koenigen, Ellen Poulson, Erna Teschendorf, Jessie, Mme. N. Levavasseur or Baby Rambler, Mrs. Wm. Cutbush.

None sent C.O.D. Cash with order only. Please mention THE AMERICAN FLORIST when ordering.

THE MACNIFF HORTICULTURAL COMPANY

52, 54 and 56 Vesey Street, NEW YORK

Massachusetts Horticultural Society.

MAY FLOWER SHOW.

The present year appears to be one of more than usual interest in horticultural exhibitions. The success of the two recent flower shows in Philadelphia and New York shows this very emphatically. The next important horticultural event will be the May flower show of the Massachusetts Horticultural Society, which is to be held in Horticultural hall, Boston, May 10-14.

The management of the society is making active preparations for this event and no effort is being spared to make the exhibition a notable success in every way. In addition to the liberal appropriation for premiums made by the society many special prizes are offered by a number of prominent and influential members which will make this show the most brilliant and comprehensive in recent years. The best products of many of the noted private collections in the vicinity of Boston will be offered to public view, as well as the specialties of the most famous growers of plants and flowers in this and other states. Notable features will be the collections of orchids, rhododendrons, roses, and artistic displays of flowering and foliage plants. A class for miniature Japanese gardens will be one of the novelties of this exhibition. The show will open Wednesday, May 10, at noon, continuing through Thursday, Friday and Saturday from 10 a. m. to 10 p. m., and Sunday from 1 to 10 p. m. The Boston orchestra will furnish music every afternoon and evening from 3 to 5 and from 7:30 to 9:30 o'clock.

Commercial growers, especially, will find this exhibition an unusual opportunity to call public attention to the products of their greenhouses and nurseries. The premium list, which amounts to upwards of \$5,000, will be sent on application to the secretary. Horticultural hall, Boston, and special trade tickets will be sold in lots of 25 or more at half the admission fee.

WM. P. RICH, Sec'y.

Providence, R. I.

Business during the week following the Easter rush was very quiet, but a good demand was noted Saturday and Sunday. Corsages of sweet peas and other small flowers had an exceptionally good call. Floral work keeps up well and with the sprinkling of wedding orders the trade seems to be satisfied with conditions.

H. A. T.

LATEST EDITION

ISSUED JULY 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

POEHLMAN

72-74 E. Randolph St.,

A VERY LARGE SUPPLY OF ROSES

Easter Lilies, American Beauties, Russells

Price on Carnations for Mothers' Day will be \$8.00 per 100.

CURRENT PRICE LIST—Prices Subject to Change Without Notice

ROSES

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100.....	\$4.00 6.00 to \$8.00

Hoosier Beauty
Richmond
Ophelia
Sunburst
Milady
Killarney Brilliant

	Per 100
Long	\$8.00 to \$10.00
Medium.....	6.00
Short	3.00 to 5.00

Aaron Ward
Killarney
White Killarney

	Per 100
Long	\$8.00
Medium.....	\$5.00 to 6.00
Short	3.00 to 4.00

AMERICAN BEAUTIES Per Doz.

Long	\$5.00
36-in.....	4.00
30-in.....	3.00
24-in.....	2.00
18 to 20-in.....	1.50
Short.....	per 100, \$6.00 to 8.00

MINIATURE ROSES Per 100

Cecile Brunner	\$3.00
Geo. Elgar	3.00
Fire Flame	4.00

CARNATIONS Per 100

Best Fancy, all colors.....	\$5.00 to \$6.00
Splits, Red and Dark Pink.....	2.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES Per 100

Long	\$10.00
Medium.....	8.00
Short	6.00

ORCHIDS

	Subject to change	Per Doz.
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Cattleyas		\$9.00
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MISCELLANEOUS Per 100

Jonquils and Daffodils.....	\$3.00 to \$4.00
Tulips	3.00 to 4.00
Sweet Peas, Common.....	.75
" " Spencer	1.00 to 1.50
" " Orchid flowering	1.50 to 2.00
Snapdragon.....	
"	per doz., \$0.75 to \$1.50
Mignonette	per doz., \$0.50 to \$1.00
Daisies	1.00 to 2.00
Smilax	doz., \$3.00
Plumosa	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown.....	1.50
Leucothoe .....	.20
Mexican Ivy.....	1,000, \$6.00;
Ferns	1,000, 3.50;

PREPAREDNESS FOR MEMORIAL DAY

Specially Made-Up Magnolia Wreaths

18-inch, per dozen,	\$6.00
21-inch, per dozen,	9.00

Specially Made-Up Cycas Wreaths

21-inch, per dozen,	\$12.00
---------------------------	---------

You must mention this Advertisement to get the Specially Made-Up Memorial Day Wreaths at these low prices.

MOTHERS' DAY BOX

Price \$4.00 per package of 10; \$35.00 per 100. Don't Wait—Order Now

Glass Cemetery Vases

10-inch, per dozen.....	\$1.50; per bbl., 5 dozen..	\$7.00
12-inch, per dozen.....	2.00; per bbl., 5 dozen...	9.00
16-inch, per dozen.....	3.50; per bbl., 2 dozen...	7.00

White and Green Enamel Vases

No. 1—Ht., 6¾, diam., 4¼; each, 20c; doz.....	\$2.00
No. 2—Ht., 6¼, diam., 3½; each, 15c; doz.....	1.60

Sheet Moss, Fine Fresh Material

Per Bag, \$2.00.

Short Cycas Leaves

\$1.25 per 100



KENTIAS

KENTIAS

BRONZE—		2½-in. plants
		100
Madam La Porte	\$3.50	\$32.00
Mrs. Frank Beu	3.50	32.00
RED—		
La Gravere	\$3.50	\$32.00
BOXWOODS		Each
12-in. in burlap, 30c; in tubs or pots.....		\$0.55
15-in. in burlap, 40c; in tubs or pots.....		.75
18-in. in burlap, 50c; in tubs or pots.....		.85
2-feet in burlap.....	\$1.75; in tubs.....	2.00
2½-feet in tubs		2.00
12x12 in tubs		3.00
Stevia—Fine 2½-in., \$20.00 per 1000.		
New Pink Snapdragon, 2½-in., \$6 per 100.		
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.		

FOR MOTHERS' DAY

BEAUTIES, ROSES, SWEET PEAS, LILIES, CARNATIONS, Also Fancy RUSSELL ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of

Russell, Ophelia, Killarney Brilliant, Pink Killarney, White Killarney, Rhea Reid, Richmond and Sunburst.

PRICE LIST

American Beauties	Per doz.
Extra long stem, specials.....	\$ 4.00
Extra long seconds, per 100, \$8.00 to \$10.00	
Medium.....	2.00 to 3.00
Shorter lengths.....	.50 to 1.00

Mrs. Russell	Per 100
Extra long stem.....	\$12.00 to \$15.00
Good medium.....	8.00 to 10.00
Good short.....	4.00 to 6.00

Brilliant, Sunburst, Ophelia, Richmond, Shawyer and Rhea Reid

	Per 100
Extra long specials.....	\$10.00
Long stem.....	8.00
Good medium.....	6.00 to 7.00
Good short.....	4.00

Pink and White Killarney	Per 100
Extra long.....	\$8.00
Good medium.....	6.00
Good short.....	\$3.00 to 4.00

ROSES, our selection, in lots of 500 or more, at the rate of \$20.00 per 1000, up to May 9th, after that date, \$3.00 to \$4.00 per 100.

CARNATIONS

The price of Carnations will vary, due to the approach of Mothers' Day, so we will bill at market prices. For Mothers' Day White and Red are held at 6 cents and Pink at 5 cents.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.
Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

TRADE SINCE EASTER HAS BEEN GOOD.

Trade since Easter has been good and stock of all kinds has cleaned up nicely each day at very satisfactory figures. Everyone expected that there would be very little doing after Easter but the lull that usually follows a holiday did not occur this year and the first real quiet day that was experienced was May 1, when orders might have been more plentiful. Prices have held firm, especially on carnations and everyone seems to be pretty well satisfied and no complaints are heard on any side. Orchids are scarce and command high prices. Lily of the valley is in good demand and while there is plenty on hand to fill all orders, there is just about enough to go around. Some, especially fine gardenias are being offered and clean up readily each day at good prices. Roses are in good supply, especially Killarney and White Killarney, but the latter are not as plentiful as they have been. There are now plenty of American Beauty roses to go around, but no great surplus when the stores close at night. Mrs. Chas. Russell roses are moving nicely and are bringing good prices. Lilies are seen in large numbers at several of the stores and can be had in large lots at very reasonable cost. Carnations are none too plentiful and are bringing high prices with the exception of Enchantress, which have not sold any too well in this market all

season. Sweet peas have been very plentiful all week, but clean up nicely each day at good prices, especially in the better grades. Violets are practically off the market. Spanish iris and gladioli are seen in larger numbers and there are plenty of snapdragons to go around. Single and double stocks, lupines, pansies, daisies, candytuft, calendulas, lilac, anemones, sweet alyssum, swainsonas, feverfew, mignonette, Narcissus poeticus, jonquils, daffodils, tulips and trailing arbutus are among the offerings and a few early southern peonies made their appearance this week. Orders are numerous for carnations for Mothers' day and from present indications it appears as if they will be very scarce again this season and command higher prices than ever before. Stock in general will be none too plentiful for Mothers' day and those who have not yet placed their orders had better do so at once. Play safe and order early.

NOTES.

D. F. Simonds and J. R. Butzow, proprietors of the Ogden Floral Co., 1917 West Harrison street, enjoyed a splendid Easter trade and sold practically twice as much stock as last year. Everything sold well and a general cleanup was experienced. Mr. Simonds does the buying in the local market and pays cash for everything that he gets, not because he is obliged to, but just because he wants to. Besides being a crackerjack of a florist Mr. Simonds has a reputation

for being quite a fisherman and is thinking real seriously of joining the Piker's Club, of which N. J. Wiator is president and John Sinner is secretary.

Fred Lautenschlager is back from Philadelphia and New York, where he represented Kroeschell Bros. Co. at the two big recent flower shows. He booked several nice orders for Kroeschell boilers, while he was in the east, and reports having had both a delightful and profitable trip.

Hoerber Bros. are having a good call for Mrs. Francis King gladioli, which are grown in their own greenhouses at Des Plaines and compare most favorably in quality with the very fancy snapdragons that they have been offering all season.

H. C. Wullbrandt, proprietor of the Globe Greenhouses, 5315 West Madison street, had a splendid Easter trade and his sales were the largest since he has been in business, which is a trifle over 17 years.

Buffalo Bill Kinley, who has been in the employ of Adam Zender for the past 10 years, has taken a position as foreman at the George Reinberg greenhouses, starting May 1.

Kyle & Foerster received a shipment of southern peonies April 29, which, to the writer's knowledge, were the first to reach this market this season.

The retail store at 6 East Monroe street, known as the Flower Market closed its doors the past week.

LARGE CUTS OF ROSES

FOR
Mothers' Day, May 14

Exceptionally Fine White Killarney, Killarney, My Maryland, Richmond, Sunburst, Ophelia, Mrs. Chas. Russell and American Beauties.

CARNATIONS

Good Supply of White, Pink and Red.

While we will have a good supply of Carnations, there will not be enough flowers to supply the demand so push roses on that day. You will find that the public in a great many cases prefer them to carnations, so make allowances for the scarcity of carnations and substitute roses. They will move just as quickly. Make up your order for us today.

When Ordering Remember White Flowers Stand for Mothers' Memory and Colored Flowers for Mothers Living.

Mothers' Day Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$6.00
48-inch stems	5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short	\$0.75 to 1.00

Richmond.....	{		Per 100
Killarney.....			
White Killarney.....		Extra select	\$10.00
My Maryland.....		Select	8.00
Sunburst.....		Medium	\$5.00 to 6.00
Ophelia.....		Short	4.00
Milady.....			

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00 to \$4.00
Select	2.50
Medium	1.50 to 2.00
Short .....	.75 to 1.00

Per 100

ROSES, our selection.....\$4.00

Carnations, fancy white.....	\$ 5.00 to 6.00
Red and pink	5.00
Harrisii	12.50 to 15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$3.50 .40

2,000,000 Feet of Modern Glass

PETER REINBERG

Wholesale Florist

30 East Randolph St.,

Long Distance Phone
Central } 2846
601

CHICAGO

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

NICE CROPS

BEAUTIES--ROSES--CARNATIONS FOR MOTHERS' DAY

Place Your Order With Us and You Will Not Be Disappointed.

Mothers' Day Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00

White--KILLARNEY--Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Good	\$4.00 to 5.00

ROSES, OUR SELECTION \$4.00

CARNATIONS.

	Per 100
White	\$6.00
Colored	5.00

LILIES.

	Per 100
Fancy	\$12.50 to \$15.00

Miscellaneous.

Ferns, per 1,000.....	\$3.50
Smilax, per doz.....	2.50
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co. is receiving a large number of inquiries for stock for Mothers' day and according to Otto W. Frese, the demand will be principally for carnations again, particularly white, so he is trying to figure out just how he is going to supply all of the customers when there is never enough on this occasion to go around. Tony Gabel and his assistants are busy planting carnations out in the field at Morton Grove and now have the job pretty well under way. Adolph Poehlmann says that Poehlmann Bros. Co. have already booked one order for 40,000 rose plants for next season's delivery. This firm will have a good supply of White Killarney for Mothers' day, which will come in handy after the supply of carnations is exhausted.

N. P. Miller, with Miller & Musser, had a large landscape job for the Schultze Baking Co., at Kenilworth this week. Mr. Miller thinks that O. J. Friedman's idea of holding the annual flower show for the benefit of the Home of the Destitute Crippled Children along the lines suggested in the last issue of THE AMERICAN FLORIST is a very good one and should be given careful consideration. Several others in the trade think likewise and it is very likely that the matter will be brought up at the next meeting of the Chicago Florists' Club.

Wietor Bros. are nearly through setting their carnations out in the field and will start planting stock in the greenhouses right after Mothers' day. N. J. Wietor says that they plant about two-thirds of their carnation plants direct in the benches and have always obtained very satisfactory results from the stock benched in this manner. They are cutting a fine supply of carnations and roses this week and will have good crops of both for Mothers' day.

WANTED--PEONIES--WANTED

Can handle regular supply to good advantage. Best located wholesale store in Chicago. Start shipping as soon as your stock is ready to cut.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

At A. T. Pyfer & Co.'s store roses and carnations are arriving in large quantities and the outlook for a large supply of both for Mothers' day is an assured fact. Mr. Pyfer had better be careful or he will be losing his secretary, for the writer saw one of the popular young North Clark street florists passing over a dandy bunch of extra choice long stemmed American Beauty roses to her the other day as she was going home from work. Nuff sed.

Fred Woick, 4803 South Robey street, has an elegant lot of spring stock on hand and his geraniums this year are looking unusually fine. He had a dandy Easter trade and cleaned up completely in everything that he had to offer, especially in lilies, which were the best that he produced in many years.

H. B. Kennicott, of Kennicott Bros. Co., says that the prospects are very good for large peony crops but he does not look for any oversupply. His firm always handles a large supply of peonies every season and will be on deck as usual this year with a heavy supply for Memorial day.

Bassett & Washburn will be on deck again this year for Mothers' day with a good supply of choice stock and is already booking orders for them. Sweet peas are still seen in large numbers at this store and clean up at good prices every day owing to their splendid quality.

A. L. Vaughan & Co. are handling a fine supply of roses and carnations at their store and are now booking

orders for Mothers' day. H. C. Blewitt, the well-known sweet pea specialist of Des Plaines, is now marketing his stock at this house.

Erne & Klingel have had several shipments of trailing arbutus the past week, which cleaned up nicely at good prices. This firm is featuring a fine supply of all seasonable flowers and is all ready to handle a brisk Mothers' day trade.

J. A. Sikuta, 3947 West Twelfth street, had a rattling good Easter trade and sold out completely in cut flowers and plants early on the Saturday before and had to make a special trip to the wholesale market to get stock to fill his late orders with.

John Mangel has incorporated his business in the Palmer House block for \$5,000 under the name of Mangel & Co. The officers of the new concern are John Mangel, president, John Canger, vice-president and Mrs. John Mangel, treasurer.

M. C. Gunterberg will handle an extra supply of peonies this season if she can make satisfactory arrangements with some of the growers.

O. A. & L. A. Tonner are showing a complete line of baskets at their ever growing wholesale and cut flower and supply house.

A. E. Hunt & Co. are cutting a fine grade of poppies in addition to a nice selection of other miscellaneous novelties.

Theodore Meyer, of Waukegan, reports a splendid season with a banner Easter trade.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

BEAUTIES, ROSES, CARNATIONS, ETC.

Fine Supply Of All Seasonable Flowers for Mothers' Day

MOTHERS' DAY PRICE LIST

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$5.00
30 to 36-inch stems.....	4.00
20 to 24-inch stems.....	3.00
15 to 18-inch stems.....	\$2.00 to 2.50
12-inch stems	1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00
White Killarney, fancy.....	8.00
" good.....	5.00 to 6.00
" short.....	3.00 to 4.00

	Per 100
Richmond, fancy	\$8.00
" good	\$5.00 to 6.00
" short	3.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$9.00
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Carnations.

	Per 100
Special fancy white.....	\$8.00
Red and pink.....	6.00

Easter Lilies.

	Per 100
Select	\$12.50
Shorter	\$8.00 to 10.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquils	3.00 to 4.00

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays.bunch,	\$0.35 to .50
Sprengerl	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1000,	3.00
Galar Leaves.....per 1000,	1.00
Boxwood, per lb.. 25c; 50-lb.	case
Pussy Willow...bunch,	.35 to .50

Louis Wittbold says that trade in all the departments of the George Wittbold Co.'s business has been very heavy the past season and that the outlook for the next few months is very encouraging. He made a trip to Niles Center last Sunday, April 30, to inspect the two new Garland houses that Fred Stielow is erecting and found the work well along, the houses and gutters being already up. The trusses were all galvanized to avoid any possible rusting along the lines suggested by Mr. Wittbold, who is president of the Garland Manufacturing Company.

Fritz Bahr had all the orders that he could conveniently handle at Easter at his Highland Park store and says that nowadays the florist has to step pretty lively to keep pace with the times. Mr. Bahr is more than pleased with the new Buchbinder refrigerator that he installed recently and says that Buchbinder Bros. certainly know their business when it comes to manufacturing florists' ice boxes.

Fred Ottenbacher, with Zech & Mann, is serving on the jury for two weeks, so Allie Zech and the rest of the force are doing the extra work while he is absent from the store. Allie Zech made a trip to Maywood this week, where he inspected both the W. H. Amling and the A. F. Amling Co.'s greenhouses to get a line on the stock for Mothers' day.

Stollery Bros. had a splendid Easter trade at their Wilson avenue store and sold out in all lines at an early hour. Everything in plants sold well, especially tulips in pots and pans and rambler roses in rustic boxes. Begonia Luminosa sold like hot cakes and there was a brisk demand for rhododendron lilies and azaleas.

John Michelson, manager of the E. C. Amling Co., Fred Meyer, of Meyer & Dramm, Elmhurst, and Richard Salms,

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

PEONY GROWERS!

IF you have any Cut Peonies that you would like to consign to the Chicago market, ship them to us immediately and you will receive your returns promptly. Do not wait to write but send in a shipment as soon as your stock is ready to cut. We have a ready market for all that we can handle. Send in a shipment as early as possible, today if you can.

Chicago's Largest Dealers in Decorative Greens

of French & Salms, Union Grove, Wis., are taking in the sights at the E. G. Hill Co.'s greenhouses at Richmond, Ind., this week.

Fred Price, Peter Olsem, Allie Zech, Joe Einweck and John Huebner represented the trade in the Illinois State Bowling Tournament now being held at Bensinger's West Randolph street

alleys and rolled Wednesday evening, April 3.

John Stzskl has recovered from his recent operation for appendicitis and is again attending to his duties at Kyle & Foerster's store.

The weather has been favorable for field planting of carnations, now nearly completed in this section.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Roswell Schupp, with J. A. Budlong, celebrated his twenty-first birthday Monday, May 1, on which date he was promoted to a higher position and is now Fred Price's right-hand assistant on the floor. Henry Zwettler, formerly with the Great Northern Express Co., has accepted a position as shipping clerk with the Budlong firm.

Louis Finnerman, one of Percy Jones' efficient salesmen, and Miss Doris Clamage, a west side society favorite, are engaged to be married, and it is understood that the wedding will take place June 22. Morris Grossberg, another one of the Percy Jones' salesmen, has been on the sick list for over a week.

Peter Reinberg's store employees, headed by Felix Reichling and Miss Marguerite Kane McNulty, were the guests of Mr. Reinberg at Ringling Bros.' circus Saturday evening, April 29. L. Hoeckner, Herbert Hansen, Peter Baumann, Gale Banning and Frank Mateck were included in the party.

J. J. Beneke, of St. Louis, Mo., spent several days here this week on business, leaving Wednesday evening, May 4, to attend a meeting of the executive committee of the St. Louis, 1917, spring flower show, to be held March 15-18.

Philip L. McKee says that the American Greenhouse Manufacturing Company has just received an order from W. E. Alexander, of Parkersburg, West Virginia, for a range of three new houses.

The John Kruchten Co. reports a brisk demand for fancy gardenias, which they are handling in quantity and are considered good property, especially during the present scarcity of orchids.

Mrs. Ennis, of Milwaukee, Wis., was a visitor in the wholesale market this week. She reports a fine Easter trade at both her old stand and the new store at Fifth street and Grand avenue.

Chas. W. McCauley did not make his regular visit to the Chicago Flower Growers' Association's store this week, because he is confined to his home with a severe cold.

The two new Garland greenhouses, 28x150 feet each, that George Hoeffe, formerly of Norby & Hoeffe, is erecting at Des Plaines, will be completed this week.

C. Clemenson, 7801 South Shore avenue, has the sympathy of the trade in the loss of his daughter, Thora, whose death occurred last week.

John F. Farrell, 4645 South State street, reports a fine Easter trade, with a very good demand for plants, particularly azaleas and lilies.

Vaughan's Seed Store reports liberal re-fill orders from seedsmen on all spring bulbs for counter trade, gladioli, tuberose, caladiums, etc.

Sinner Bros. are showing a nice supply of well grown Boston ferns at their wholesale store in addition to their regular line of cut flowers.

Joseph Ziska & Sons report business as very good and are looking forward toward a brisk Mothers' day and Memorial day trade.

Miss Charlotte Paradise, with A. L. Vaughan & Co., visited with friends at Milwaukee, Wis., April 29-30.

The Chicago Florists' Club will meet at the Morrison hotel, Thursday evening, May 4, at 8 o'clock.

Visitors: Geo. Vatter, Marinette, Wis.; J. J. Karins, representing Henry A. Dreer, Inc., Philadelphia, Pa.

Los Angeles.

LILY SALES BULK OF EASTER BUSINESS.

Summing up all accounts of Easter trade in this city, we may say that trade was good. There were thousands of lilies sold; in fact, lilies supplied the bulk of the trade. As a rule they were of good quality, too, so that they were delivered in good shape. They sold singly, in pots and in made-up baskets, priced at from 50 cents each, up, the majority of sales being of the medium and lower priced plants. The sale of cut flowers was, generally speaking, comparatively poor, roses leading, inasmuch as they were plentiful and of good quality. There were no gladioli to speak of, and they are still scarce. Plants were scarce, too; so there was a reason for the big sale of lilies. Most of the dealers cleaned up in good shape, sales averaging probably better than last year, with prices about the same, or a little less. Following so close after Easter, trade is not at all bad now, there being considerable wedding and funeral work.

NOTES.

Wright's Flower Shop, Inc., had about the same trade as a year ago. Their trade was mostly in lilies and they had one of the largest stocks in the city, but by having plants of superior quality they came out of the deal in good shape. They report business just a little quiet at present.

J. W. Wolters says he had a very good Easter business, lilies selling best. He showed some fine gladioli of the early

flowering varieties, as well as some of the America variety for this week's trade. He also had some peonies in the windows.

Wolfskill Bros. & Morris Goldensen report a fairly good clean-up on lilies and a general good trade. They are now showing a superb stock of roses, carnations, sweet peas and gladioli. Their force is busy as usual.

The Redondo Floral Co. were cleaned up early with their stock at Easter, having a much better trade than a year ago. They report poor sale on carnations, but a good demand for roses and lilies.

S. Murata & Co., wholesalers, report sales of over 2,000 Easter lilies. Next to lilies their business was mostly in carnations and lily of the valley. Business continues good.

The Broadway Florists disposed of a very large stock of lilies during the Easter trade and seem to have quite a call for funeral work at the present writing.

O. C. Saakes reports a fair Easter trade—not as good as last year. Present business is normal. G. H. H.

Rochester, N. Y.

The 1916 Easter trade was unusually good and the market cleaned up well. There was an abundance of both cut flowers and plants and everything sold. Lilies, both pot and cut, were plentiful, as were roses, which were fine in quality. Plants of all kinds had a very good call.

NOTES.

Edwin C. Kaebler did a phenomenal Easter business, which required his staff to work day and night. Mrs. Maude Hallower is now a member of the force at this establishment.

J. B. Keller Sons had the biggest Easter business in their history, and the rush was followed up with orders for decorations for four prominent weddings.

The Rochester Floral Co. recently featured a very pretty window arranged with yellow marguerites and corn flowers in artistic receptacles.

C. W. Curtis has some fine pelargoniums, which are selling well. His late Empress daffodils are also worthy of special mention.

Horace Head has recovered sufficiently to leave the General hospital and his many friends are glad to see him about again.

H. E. Wilson reports a fine Easter trade. Orders for funeral designs have also been heavy. CHESTER.

Mothers' Day Price List

(In effect May 9.)

ROSES Per 100

Mrs. Chas. Russell.....\$6.00 to \$12.00

Ophelia.....Special.....10.00

Richmond.....Long.....8.00

Sunburst.....Medium.....5.00 to 6.00

Killarney.....Short.....4.00

W. Killarney.....

Kill. Brilliant.....

CARNATIONS

De Luxe, select.....6.00

Choice colored.....5.00

Miscellaneous

Callas.....\$8.00 to \$10.00 per 100

Lilies.....8.00 to 10.00 per 100

Lily of the Valley, 4.00- 5.00 per 100

Mignonette.....4.00 to 5.00 per 100

Snapdragons.....5.00 to 6.00 per 100

Gladioli.....6.00 to 8.00 per 100

Spanish Iris.....4.00 to 6.00 per 100

Sweet Peas.....1.00 to 1.50 per 100

Ferns.....3.50 per 1000

Asparagus.....bunch, 35c to 50c each

Sprengeri.....bunch, 25c to 35c each

Galax.....\$1.00 1000

Subject to Market Changes.

Z M E A & N C N H N

THE ALWAYS RELIABLE WHOLESALE FLORISTS

No matter what you want, we have it—Everything in Cut Flowers and Greens.

We are STILL able to furnish the same fancy grade of

SWEET PEAS

AND

RUSSELL ROSES

Carnations and other Roses that we pleased our customers with for their EASTER trade.

We are Sweet Pea headquarters for the West—the finest Spencer varieties, long stems, a large supply. Don't fail to try these—they will sell splendidly in your store these days.



Our Line Is So Complete That It Includes Every Item Offered In The Great Chicago Market.



30 E. Randolph St.,

L. D. Phones
Central 3283
Automatic 42-965

Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

Roses and Carnations for Mothers' Day

SUNDAY, MAY 14.

For prices see our advertisement in the April 29 issue of THE AMERICAN FLORIST, page 790.

Toledo.

EASTER BUSINESS GREAT.

Both grower and retailer were simply swamped with Easter business and florists are unanimous in reporting that they could not possibly have handled more orders than they did. Plants of all kinds were easily the favorites in the selling. Never in the history of the trade here has a finer, more colorful, varied and more numerous display of plants been offered to the public and never were they more eagerly snapped up. Azaleas were numerous, in excellent condition and maintained their popularity, and the same may be said of baby rambler roses, tulips, hydrangeas, rhododendrons, hyacinths and daffodils. Spireas and genistas sold much better than in previous seasons. The supply of cut flowers was very satisfactory, all conditions considered, but the demand was not as great as for plants.

NOTES.

Local growers were certainly pleased with their Easter business. Harry Heint had a wonderful supply of splendid lilies, but sold out Friday night. Krueger Brothers were swamped with orders for lilies, plants and roses. Henry Miller sold every carnation he could cut. His stock was in excellent condition. George Bayer, whose specialty now is sweet peas, sold out early.

CHICAGO'S BIGGEST LITTLE SUPPLY HOUSE

An entire new line of goods, no left over stock whatever, so you get the best when you order here.

BASKETS

Special \$10.00 Assortment of Cut Flower Baskets for Mothers' Day, in all the desired colors or in any of the two-tone finishes. This is a big bargain so order early.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS FOR MOTHERS' DAY

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

The opening of the magnificent new home of the Northern National bank was the occasion for one of the finest displays of flowers ever seen in this city. Among those who sent handsome floral tributes were the Scottwood Greenhouse, Helmar Flower Shop, Mrs. J. B. Freeman and Max Spanner.

The florists who have been in business but a short time all report a surprising Easter demand. Among those who report satisfactory trade were

A. E. Warning, A. Kusel, the Mussbach Sisters and Harry Turvey.

The next meeting of the florists' club will be devoted to furthering plans for promoting mothers' day, which has been made one of the best flower days in the year by co-operative effort in this city.

Schramm Brothers used thousands of folders and large newspaper space to boost Easter business and reaped a harvest. Their exhibition of plants oc-

Large Supply of Fine Stock for

MOTHERS' DAY--MAY 14

*White Flowers for Mothers' Memory;
Bright Flowers for Mothers Living.*

Roses and Carnations as usual will be our leaders but we are strong on all seasonable stock and will fill your orders to your satisfaction at prices that are reasonable. It is advisable to place your order early for there is always a big demand for stock and by doing so you will avoid disappointment.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph St.,

L. D. PHONE,
RANDOLPH 6578

Chicago Ill.

cupied two large houses and was a magnificent display.

A co-operative ad, in which many leading florists were represented, was used with great profit to boost sales for Easter. A. C. K.

Cincinnati.

FAIR RECEIPTS AND GOOD DEMAND.

Since Easter, business has been fairly good. The receipts are fair, while the demand is about sufficient to take up practically all flowers that come in and are in good condition. From present indications we will have a good supply of everything but carnations for Mothers' day. These will probably run short, but owing only to the great demand for them on that day. At the time of this writing, the market is well supplied with good stock. Roses, carnations, Easter lilies and sweet peas are all plentiful, while a fair quantity of snapdragon is coming into the market. Orchids and lily of the valley, however, are rather scarce. Other offerings include outdoor bulbous stock, callas and lilac. The first new southern fern came in last week. It is excellent.

NOTES.

E. A. Porter had the formal opening of his new store at 128 West Fourth street Monday, May 1. The store is a large one and he has it neatly and well arranged, and it will give him facilities for display that were lacking in the old store.

P. J. Olinger was in New Castle, Ind., last week. He is very enthusiastic about the stock there, and particularly so about his new red carnation, Radium.

Mrs. Matt Weiland and Miss Helen Weiland of Evanston, Ill., are visiting Mr. and Mrs. P. J. Olinger at the latter's home in Bellevue.

C. E. Critchell has been having an excellent call for outdoor lilacs.

The May meeting of the florist society will be held May 8.

Visitor: H. J. Van der Horst, St. Mary's, Ohio. H.

Nashville, Tenn.

SPLENDID TRADE FOLLOWS BIG EASTER.

The Easter trade in this city was one of great proportions. There was a magnificent supply of flowers of every kind and a correspondingly fine demand. The weather was all that could be desired and very conducive to a fine trade. There were plenty of roses of all kinds—American Beauty,

though there was no surplus of these; Killarney, both white and pink; Aaron Ward, Richmond, Kaiserin and numerous other varieties, carnations and all the bulbous stocks in great profusion, and plenty of lilies. There was a fine supply of pot plants of every price and kind. Beautiful rhododendrons, azaleas, lily plants in numerous quantity, baby rambler and Dorothy Perkins roses, hyacinths, tulips, hydrangeas, and an infinite variety of ferns and asparagus. The prices maintained were very good, but did not advance very materially from everyday trade. A great many of the churches had beautiful decorations and the hotels also used them in large quantities. All of the dealers called in extra help to serve the trade which was phenomenal for the four days before Easter. There was a fine sale on corsage bouquets, and a tremendous call for the decorated baskets. Some of the trade think there was a slight advance in the volume of the 1916 trade over that of last year. There was absolutely nothing unsalable, everything went, and each and every one had the satisfaction of cleaning up. The fine trade followed on into the week following Easter, and each day, while bringing its new supply of flowers, also brought its large demand and there has been little or nothing left over.

The tragic death of Harry Stober, a brilliant young lawyer, who has been the chief factor in unearthing municipal mismanagement, called for one of the largest demands for flowers ever made in this city. A car load of floral offerings was shipped to Memphis, where the remains were taken for burial. M. C. D.

Kansas City.

THE SPRING RUSH IS ON.

The past week has been a busy one with the retailers, and the greenhouses are also being put in shape to be ready for the spring trade, which, from all indications, will start early, the weather being very favorable. From all reports, the 1916 Easter trade was the best ever. Everything cleaned up well, pot plants leading in the demand. Cut stock during the past week has been plentiful, and some very low prices have been recorded, especially in Pink and White Killarney roses, which sold as low as \$25 per 1,000. Carnations are scarce at four cents and bulbous stock is hardly to be seen. The demand for funeral work is brisk and the orders are well divided.

NOTES.

W. J. Barnes received a shipment of unusually fine box trees last week. He reports they are the best he ever had. He is busy getting his spring stock in shape and has booked several large advance orders.

Nelson Jarrett has his stock in good shape for the spring trade. He has added a house 20x50 feet, which he will extend to 116 feet after the spring rush is over.

John Stevens has 65,000 carnation plants in the field and they show fine condition. He also has 10,000 gladioli planted inside.

T. J. Noll & Co. report a big trade in supplies for the spring trade. An exceptionally good supply of roses were noted here.

H. Kusik & Co. report a continued heavy demand for wire work. They are having a big run on wire hanging baskets.

The Mount St. Mary's Greenhouses are well stocked and a big trade in bedding plants is looked for.

At Biderman & Sons' range every square inch of space is taken up with their spring stock.

A. F. Barbe will have one new house ready for planting next week.

R. S. Brown reports a heavy shipping trade in spring plants.

E. J. B.

Cleveland.

BRISK DEMAND FOLLOWS EASTER.

Business during the week following Easter was very good. Stock of all kinds was in good supply, and the demand was brisk. Easter lilies, of which there is a large supply, did not move very fast the past week. Carnations cleaned up nearly every day at fair prices. Sweet peas, too, have been in good demand. Roses of all kinds are in fine shape, the short and medium grades cleaning up early. Some very special stock in Ophelia, Sunburst, Shawyer and Rhea Reid arrive daily, with a good demand. Snapdragons, in all colors, are plentiful, but the demand cleans up all available stock. Bulbous stock has not been over plentiful since Easter, and that of good quality moves quickly. Lily of the valley has been in better shape the past week, the quality improving somewhat. Orchids are again arriving almost every day, and clean up early. All indications are for a bountiful supply of cut flowers for Mothers' day, and at prices that will not be at all high, as there will be enough stock to go around and supply all. Aspara-

Why not use Choice Stock
We Can Always Supply It

FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprenger, Adiantum, as well as other Seasonable Stock and Greens.

Also a large supply of our famous **Blue Ribbon Valley**, which is recognized by city buyers to be the best Valley on the Chicago market. Order some and be convinced.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

gus plumosus and adiantum are in good supply. Long American Beauties are good stock and moving nicely.

NOTES.

"April Flowers bring Wilson Flowers", was the ad. in the local papers, which brought thousands to the Wilson Florist Co. greenhouses on Easter day. A "guessing contest" as to the number of flowers on an azalea, the prize being a large daisy plant, was an advertising feature that drew many hundreds of people. A large specimen azalea, having 500 blooms, was also on exhibit. J. Wilson, who manages the concern, was one of the busiest florists in town during Easter week.

Miss Marion C. Fish, sister of Van Fish, of the J. M. Gasser Co. retail store, died at her home, Corydon road, Cleveland Heights. The cause was grief, following the tragic death of her mother, who was killed by a street car last July, from the shock of which Miss Fish never fully recovered.

The annual May party of the florists' club, will be held at the Chamber of Industry hall, Franklin avenue, near West Twenty-fifth street, Thursday evening, May 4. Cards, \$1. Everybody is cordially invited. Bring your friends. The usual good time is assured.

C. F. B.

Fort Wayne, Ind.

Trade following the busy Easter period has been very good. The weather is favorable and all seasonable stock is in good supply, with the exception of lily of the valley. Easter lilies are plentiful, owing to an overproduction. Sweet peas are also in unlimited supply and the quality is fine.

NOTES.

Arrangements have been completed for the unveiling of a monument to the memory of "Johnny Appleseed" in Swinney park. The programme will be under the direction of Professor M. W. Richards of the horticultural department of Purdue University. The unveiling will take place May 5. An ornamental iron fence will also be placed around the Appleseed grave in the Archer cemetery.

Ed. Wenninghoff, of the Wenninghoff Floral Co., suffered from an at-

tack of appendicitis during Easter week. He is at St. Joseph's hospital, but his condition is much improved at this writing.

Charles G. Sauers, landscape architect at Purdue University, has been engaged to lay out the grounds of the new Lincoln school, which has just been completed.

Mrs. Josephine L. Nesbit, assisted by a landscape artist from the East, is busy beautifying city lots and planting shrubs after a "clean up" campaign.

At the annual banquet of the Round Table Literary Club, the table decorations were a feature, and were artistically carried out by the Flick Floral Co.

H. K.

Wichita, Kansas.

RECORD EASTER BUSINESS.

Good demand, good stock and good weather, combined to make what the florists all concede was a record Easter business. Plants took the center of the stage and stayed to the end of the game. Lilies were the largest single item, but azaleas, rhododendrons, hydrangeas, roses, specimen marguerites, begonias and pelargoniums were good property. Bulbous stock was in light demand and small supply. Made up baskets sold well, especially those at prices under \$5. Cut flowers had a good call, with demand about equal for good roses, American Beauties and carnations, with sweet peas cleaned up early in the day, but bulbous stock was only moderate in supply and moved slowly. Prices about as usual for this occasion, and supply adequate in most cases. The weather was good for both selling and delivery—and taken altogether it is probable that the week will show a 20 per cent gain over 1915. There was a nice increase in the number of orders received for transmission to florists in other cities for filling, indicating a field in the trade which should repay careful cultivation.

NOTES.

The usual Easter time night-work stunts were put on by the packing and order departments of the various stores in order to take care of the

Retail Florists



Now is the time to prepare your advertising for May, covering

Spring Planting Mother's Day
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

business. Ralph Culp and his assistant, in charge of the delivery room of W. H. Culp & Co., worked continuously from Friday morning until Sunday noon with one and one-half hours' rest at five o'clock Saturday morning.

C. A. Rose has been under the weather for the past few weeks, and was hardly in shape to enjoy a florist's Easter in proper spirit, but stayed on the job, although Mrs. Rose, always actively engaged at the store, shouldered the heavy end of the burden. They report a very satisfactory trade.

Ed. Mueller, superintendent at the greenhouses of Chas. P. Mueller, states that the two city stores cleaned them up on all their Easter stocks, giving them some much needed room for their large stock of plants for the spring season.

Ralph Culp, of W. H. Culp & Co., rested up for a few days after the Easter rush, taking an outing trip to Oklahoma with Mrs. Culp.

F. Kuechenmeister reports everything sold out clean.

C.

Willow Window Box Baskets



DANDY SPRING SELLER

Made in all the desirable sizes at prices ranging from \$1.20 to \$1.90 each, with linings extra, at cost.



Write for our special illustrated folder on Combination Porch and Window Baskets, Hanging Baskets, Ferneries on Stands, etc.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.

Tacoma, Wash.

EASTER TRADE REACHES HIGH MARK.

Business has been steadily improving and the Easter trade was equal to that of any former year. There was plenty of stock both in plants and cut flowers. Violets were never better, and roses and carnations were excellent in quality and never more plentiful and all sold well. Bulbous stock came nearest to being a glut, but prices were low and it moved along fairly well, the best of it being sold up close. Very few callas were offered and they proved slow sellers. Longiflorums were good in quality, but there was an oversupply of them and they were dumped on the market at ridiculously low prices. Some well-grown pot roses were seen but the prices were high and cut down the selling chances. A great demand for small pot plants was noticeable, several hundred longiflorums, really good plants, being sold at 25 cents each the day after Easter. These were part of the surplus left from a heavy shipment from Seattle and would average five good blooms to the pot.

NOTES.

S. L. Harper is finishing the sale of his roses and will devote his entire time in the future to the manufacture of insecticides. The range he formerly occupied has been leased from the new owner by C. H. Lundgren, who will continue the business.

The California Florists had exceptionally good Easter business at their establishment. Fine pot plants were seen in abundance and the cut flower supply was all that could be desired. Everything cleaned up.

The Hayden-Watson Co. did a large retail business and practically sold out of everything. They are the largest wholesale shippers in this city and their trade in this line was very heavy.

Up to the present time all fruit has escaped injury from cold or frost and all indications point to great crops. Berries are perfect with great crops coming on.

F. C. Smith & Co. were successful in selling a large lot of plants of all kinds for Easter. Their cut flower stock was also well sold out.

The Henry Benthim Co., wholesalers, sold out everything in bloom—

even all blooming pansies found ready market.

The Northwestern Floral Co. had an excellent stock of pot plants, and were well sold out at closing time.

Roses throughout the city are making a fine start. S. L. H.

The Lancaster County Florists' Ass'n.

April 20 should have been the date of our regular meeting, but on account of the close proximity of Easter, it was postponed until April 27, and designated "ladies' night," under the leadership of a committee consisting of Albert M. Herr, chairman; Frank Kohr, Rudolph Nagle, Lemon Landis and Elmer Weaver. The preliminary work having all been attended to the day was awaited with anxiety and patience, and what a day—a cold, drizzling rain from 6 a. m. to midnight. You cannot dampen the ardor of this aggregation of florists, however, and the following were on hand promptly at 6:30 p. m.:

Mrs. Chas. Edger, Miss Gantner, Mr. and Mrs. L. Landis, Mr. and Mrs. F. Kohr, Mr. and Mrs. P. S. Hostetter, Mr. and Mrs. A. Rohrer, Dennis Connor, Philadelphia; H. K. Rohrer, Mr. and Mrs. Leahman, Chas. B. Herr, Mr. and Mrs. Rutter Hess, Mr. and Mrs. H. A. Schroyer, Miss Carrie Steckmen, Mr. and Mrs. A. Strickler, Mr. and Mrs. Rudolph Nagle, Mr. and Mrs. E. P. Hostetter, Wm. Aherne, Mr. and Mrs. Harry Weaver, Mr. and Mrs. E. L. Rutt, Mr. and Mrs. Elmer J. Weaver, Lloyd Weaver, Mr. and Mrs. Albert M. Herr, Mr. and Mrs. Chas. Tucker, Mr. and Mrs. H. L. Kohr, Mr. and Mrs. W. B. Girvin, Mr. and Mrs. Ira Landis, T. J. Nolan, North Tonawanda; Mr. and Mrs. B. F. Barr, Mrs. Nellie Eichler, Mr. Murphy and David Rose.

A dainty dinner was served by Mrs. Stegeman, the tables being handsomely decorated through the courtesy of Messrs. Schroyer, Barr, Edger, Elmer Weaver and E. P. Hostetter, the ladies all having corsage bouquets of sweet peas and the gentlemen boutonnières of carnations. Lemon Landis furnished strings of smilax for festooning and did most of the work. Right here it might be added that it was the general consensus of opinion that smilax was about 780 per cent superior to plumosus as to artistic value in decorative purposes. President Schroyer announced at the dinner that any man

NEW FERNS

Fancy Ferns	\$1.35 per 1000
Dagger Ferns	1.15 per 1000
Green Sheet Moss	1.75 per bag
Perpetuated Moss	3.50 per bag
Huckleberry Foliage	2.50 per case
Lyrata (Evergreen Oak)	2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN.

ALABAMA

who attempted to make a speech would be thrown out. Mrs. A. M. Herr seized the opportunity, and claimed the privilege (not being a man) of thanking the club for this auspiciously begun "ladies' night" and voiced the feelings of every lady present.

After the dinner, the chairman announced that there would be a game of "progressive 500" in the card rooms under the leadership of Elmer Weaver, a bowling contest for ladies and gentlemen under the leadership of Frank Kohr, billiards and pool for those who neither played cards nor bowled, and seats for those who wanted to act as spectators only. In the cards, Mrs. A. M. Herr won first prize, Mrs. Chas. Tucker being second for ladies, and David Rose first and W. B. Girvin second among the gentlemen. In the bowling (duck pins), Mrs. Lehman won first ladies' prize with 102. Dennis Connor had first gentlemen's award cinched for a long time, but was finally beaten out by Chas. Tucker with 164, Mr. Connor's score being 152. Mrs. B. F. Barr won the consolation prize with a score of 42.

The thanks of the committee are due to Mrs. Rudolph Nagle, who presented one of her handsome hand painted flower pots as a prize for bowling. Mrs. Nagle not only paints her own work, but fires it as well, and has a reputation as an artist that extends beyond the confines of Lancaster. Mid-night found the hall deserted and every one on the road home, all the better for the night's play.

ALBERT M. HERR.

BRAMPTON, ONT. — Flight-lieutenant C. R. Duggan, son of T. W. Duggan of this city, who was seriously injured while flying near London, has made a rapid recovery.

NEW CROP

Fancy Ferns.....	\$1.35 per 1000
Dagger Ferns.....	1.15 per 1000
Green Sheet Moss.....	\$1.75 per ba
Perpetuated Moss.....	3.50 per ba
Huckleberry Foliage.....	\$2.50 per case
Lyrata (Evergreen Oak Foliage).....	2.50 per case
Edward A. Beaven, Evergreen, Ala.	

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phone Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

CLINTON, N. Y.—The partnership existing between Kilbourn & Williams has been dissolved. The business will be continued by the former. Mr. Kilbourn has not announced his plans for the future.

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.
751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
Mrs. Chas. Russell.....	1 00@ 3 00
Per 100	
" Beauty, short.....	\$6 00@ 8 00
" Hoosier Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	2 00@10 00
" Milady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Opbelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Cecile Brunner.....	3 00
" George Elgar.....	3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	2 00@ 4 00
Cattleyas...per doz., 9 00	
Gardenias...per doz., 3 00@ 4 00	
Jonquils.....	1 00@ 3 00
Tulips.....	3 00@ 4 00
Lilium Harrisi.....	10 00@12 50
Mignonette.....	6 00
Romans.....	3 00@ 4 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 5 00
Adiantum Croweatum.....	1 00@ 1 50
Snaydragons...per doz., 75@ 1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Anemones.....	4 00@5 00
Calendulas.....	3 00@4 00
Ferns.....per 1000, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy...per 1000, 5 00@6 00	
Plumous Strings...each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprenger Plumous Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Opbelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing



If You Need GARDENIAS

In quantity, let us quote you prices. We have the largest supply in this market.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

WEDDINGS CREATE BIG DEMAND.

A number of important wedding decorations have added life and energy to the business of the past week. The records of the marriage license bureau were broken, there never having been so many couples applying in the same period before for these necessary "scraps" of paper. Some of these affairs were quite important, H. H. Battles, Pennock Bros., and J. J. Habermehl's Sons each having their hands full for several days, while down town, West Philadelphia, Columbia avenue, Germantown, and across the river in Camden the bells were ringing throughout the week, with very good business as a result. Stock is plentiful and with the exception of lily of the valley and cattleyas, prices favor the buyers. There is great variety, most of the stock being of good quality. American Beauties are seen in fine shape, but strange to say, good Russells bring a better price. The tea class are moved fairly well at prices a shade lower than before Easter. Plenty of carnations are to be had but splits are much in evidence. White ones are a trifle scarce. Coming events cast their shadows before, and it looks as if the growers had been won over to preparedness for the time being. There are still a few violets, but the curtain will go down this week. Sweet peas have been very good stock, selling well at fair prices. Lily of the valley is lily of the valley nowadays—nothing less than \$5 and up to \$6—\$8 is predicted for June. Cattleyas are ballooning; nothing good for less than \$1 per. Very good daffodils are still seen and they are in good demand. Indoor gladioli and a few southern peonies add variety.

CLUB MEETING.

The May meeting of the Florists' Club was fairly well attended. Checks to the guarantors of the dinner fund to the amount of 59 percent were handed out, which was a pleasant surprise. Parker Thayer Barnes, assistant zoologist, department of agriculture, state of Pennsylvania, read a paper on "Red Spider." It was full of information giving all the known remedies to offset the ravages of this pest. His remarks were much applauded and he received the thanks of the club. Robert Kift brought up the subject of Mothers' day, reading letters received from a number of leading members of the trade, most of whom expressed themselves as favorable to a testimonial of some substantial value to show their appreciation. A committee was appointed to confer with similar committees of other florists' clubs. The June meeting is to be followed with a smoker in honor of Tom Dooley, who is to give the club a humorous lecture at that time.

NOTES.

In speaking of the prospects for Mothers' day, Leo Niessen deprecated the storing of the white flowers to meet the demand and incidentally to get a better price. Very often in early May there comes a mucky hot spell and stored stock would simply melt away, under those conditions. It is much better to send them along when ready as the price is already stiffening; all good stock will readily sell at this

Wholesale Flower Markets

BOSTON, May 3.

Per 100

Roses, Beauty.....	20 00@25 00
" Killarney Queen.....	2 00@ 8 00
" White and Pink Killarney.....	2 00@ 8 00
" Double White Killarney.....	2 00@ 8 00
" Killarney Brilliant.....	4 00@10 00
" Hadley.....	4 00@10 00
" Cardinal.....	2 00@ 8 00
" Mock.....	6 00@12 00
" Mrs. Chas. Russell.....	6 00@12 00
" Sunburst.....	6 00@12 00
" Taft.....	2 00@ 8 00
" Milady.....	2 00@ 6 00
" Ward and Hillingdon.....	2 00@ 8 00
" My Maryland.....	50@ 5 00
Cattleyas.....	50 00@75 00
Lily of the Valley.....	4 00@ 5 00
Sweet Peas.....	50@ 1 00
Carnations.....	1 00@ 2 00
select.....	2 00@ 3 00

BUFFALO, May 3.

Per 100

Beauty Special.....	20 00@25 00
" Fancy.....	15 00@20 00
" Extra.....	10 00@12 00
" First.....	8 00@10 00
" Second.....	2 00@ 4 00
Roses, Killarney.....	3 00@ 8 00
" White Killarney.....	3 00@ 8 00
" My Maryland.....	3 00@ 8 00
" Killarney Queen.....	3 00@ 6 00
" Richmond.....	3 00@ 8 00
" Sunburst.....	3 00@ 8 00
" Ward.....	2 00@ 5 00
" Taft.....	3 00@ 8 00
" Ophelia.....	4 00@ 8 00
" Francis Scott Key.....	4 00@10 00
" Shawyer.....	4 00@ 8 00
" Bon Silene.....	2 00@ 3 00
Lily of the Valley.....	4 00@ 5 00
Lilies.....	8 00@10 00
Cattleyas.....	40 00@50 00
Carnations.....	1 50@ 3 00
Snaptdragons.....	2 00@ 6 00
Violets.....	50@ 60
Yellow Tulips.....	2 00@ 3 00
Daffodils.....	2 00@ 3 00
Paper Whites.....	2 00@ 3 00
Asparagus Sprenger.....	35@ 50
Ferns.....	per 1000, 3 00
Smilax.....	15 00

CINCINNATI, May 3.

Roses, Beauty.....	per doz., \$1 50@ \$5 00
" Killarney.....	Per 100 3 00@ 8 00
" My Maryland.....	3 00@ 8 00
" Richmond.....	3 00@ 8 00
" Taft.....	3 00@ 8 00
Lily of the Valley.....	4 00@ 5 00
Lilium Gigantum.....	8 00@15 00
Asparagus Plumosus.....	per bch., 25c
Orchids.....	per doz., 6 00@ 7 50
Carnations.....	4 00@ 6 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	35@ 1 00
Sweet Peas.....	25@ 1 00

time, while if kept and held for higher figures, it might be a total loss.

Henry A. Dreer, Inc., are experiencing a wonderful season. The influence of the late national flower show is felt every day in orders received for roses, traced directly to the display made at that time. Quite a number of the craft express the opinion that the show has been of considerable benefit, so much having been said about it since that time, and particularly during the Easter season.

Fred Dornheim, of the Berger Bros. force, says half the retailers do not know how to keep carnations—most of the sleeping, so much complained of, being their own fault. Fresh carnations should keep for a week in a cool store, electrically lighted. He contends illuminating gas should have no place in a cut flower shop.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES. One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

The dinner committee of the florists' club, that so successfully handled the largest affair of the kind ever given in this country, will return to the guarantors 59 per cent of their contributions. Nothing very dry about this.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

*Splendid daffodils, and a good sale for them, was a feature with the Berger Bros. the past week. Every effort will be made here to steer clear of salted stocks of carnations for Mothers' day.

Sweet peas in quantity graced the tables in the Edward Reid wholesale shop. Superb cattleyas that were bringing \$1 each, were among other good things. Roses were a trifle too plentiful.

Indoor gladioli and peonies from South Carolina were seen on the S. S. Pennock-Meehan Co.'s counters. Good lily of the valley and choice larkspur were splendid stock.

The Joseph Heacock Co. had a splendid demand for kentias Easter week, many decorators buying for church work and use in the wedding affairs later on.

Roses, particularly American Beauties, will last better if kept in shipping boxes, iced, than when potted up, immediately on arrival.

George Cook says the accent should be on the second syllable, "glä di' oulus"—that is when talking about the greenhouse production.

W. R. Carre, Mantua, N. J., is sending in fine larkspur to the S. S. Pennock-Meehan Co. It is very saleable stock.

White carnations are beginning to feel the impulse. What shy bloomers they are for a time?

K.

ST. LOUIS, MO.—The handsome store of Grimm & Gorly, one of the finest retail establishments in this city, was opened April 10, following extensive alterations and the installation of elaborate fixtures. Souvenirs were given to all visitors.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 3.		
Roses, Beauty, extra.....	20 00@25 00	Per 100
first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	75 00@100	
Callas.....	8 00@10 00	
Lilium Harrisii.....	6 00@10 00	
Lilacs..... per bunch, \$0.75@1.00		
Sweet Peas.....	50@ 1 00	
Snappdragons.....	3 00@ 8 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Asparagus..... per bunch, 50		

PITTSBURGH, May 3.		
Roses, Beauty, special.....	40 00	Per 100
" fancy.....	30 00	
" extra.....	20 00	
" No. 1.....	12 00	
" Killarney.....	4 00@12 00	
" My Maryland.....	4 00@12 00	
" Sunburst.....	4 00@12 00	
" Mrs. Aaron Ward.....	4 00@ 8 00	
" Richmond.....	4 00@15 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Sweet Peas.....	50@ 1 50	
Spanish Iris.....	6 00	
Daffodils.....	3 00	
Yellow Daisies.....	2 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, May 3.		
Roses, Killarney and W. Killarney.....	3 00@ 8 00	Per 100
" Ward.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@25 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	3 00@ 8 00	
Lilies..... per doz., 1.50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	50@ 1 50	
Carnations.....	3 00@ 5 00	
Snappdragons..... doz., \$0.50@1.00		
Daffodils.....	3 00	
Tulips.....	3 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

ST. LOUIS, May 3.		
Roses, Beauty, medium.....	20 00@25 00	Per 100
short stems.....	8 00@15 00	
" Killarney.....	4 00@ 8 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 50	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Valley.....	4 00	
Carnations.....	2 00@ 3 00	
Callas.....	8 00@12 50	
Lilies.....	8 00@12 50	
Jonquils.....	2 00	
Lilacs.....	4 00	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 3 00		
Bronze Galax..... per 1000, 1 25		
Richmond Roses.....	3 00@ 6 00	

WE ARE WHOLESALE FLORISTS.

WE handle every variety of Cut Flowers. **WE** have 22 years experience behind us, and we do not expect a gold medal for doing our full duty by our consignors and customers.

You cannot go very far wrong when dealing with us.

GUTTMAN & RAYNOR, Inc., PHONES: FARRAGUT { 2036 101 W. 28th St., NEW YORK
2037
558

New York.

DULL BUSINESS FOLLOWS BIG HOLIDAY.

The weather for the week following Easter was cool and gloomy, which, coupled with the reaction that always follows a great holiday, had a very depressing effect on business. May opens with indications of spring and both the florist and seed trade businesses show a healthier tone, though we must expect a great increase in the supply of cut flowers. Roses are even now very plentiful and prices are falling off. This is very noticeable in American Beauties. Carnations, during the past week, kept up to \$3 and \$4 per 100, but \$3 is now the top price, with prospects of a further drop. Lily of the valley is keeping well up to \$5 and \$6 per 100. Lilies are hard to move at from \$4 to \$6 per 100. The finish of tulips may as well be written now. There is some very fair stock about, but the buyers do not seem to want it, and a few warm days will put the tulips out of business. Cattleyas are more plentiful and the best sell at the rate of 75 cents per flower, wholesale. Violets and gardenias are in the hands of the street men. A large stock of southern lilac is also on the market, much of which is also being handled by the enterprising peddlers.

NOTES.

The following incorporation was announced from Albany, April 28: Henshaw Floral Co., Inc., florists, \$10,000. W. R. Pierson, E. C. Worden, A. M. Henshaw, 127 West 28th street, New York. In relation to this it may be stated that this firm opened for business May 1 under very favorable conditions, having a fine line of roses and other stock. Several handsome floral horseshoes sent by friends were noted in their window. The store is very finely equipped for business, having commodious ice boxes and offices and all the other accessories of a first class wholesale establishment.

William Kessler is handling very fine snapdragon, which sells, which is almost a miracle for this stock, as it has recently been very slow.

A. F. F.

Horticultural Society of New York.

An exhibition will be held by this society, Saturday and Sunday, May 13-14, in the Museum building, New York botanical garden, Bronx park. Prizes are offered for collections of herbaceous plants and shrubs and trees, tulips, narcissi, orchids, sweet peas and snapdragons. Prizes are also offered for plants of pelargoniums and calceolarias. Special prizes may be awarded by the exhibition committee for any exhibit of special merit. Schedules are now ready for distribution and will be sent on application to the secretary, George V. Nash, Mansion, New York botanical garden, Bronx park, New York City.

GEORGE V. NASH, Sec'y.

MONTREAL, QUE.—The youngest son of John Eddy has joined the colors.

The Henshaw Floral Co., Inc.

A. M. HENSHAW, President

127 West 28th Street, New York

Phones: 3310-3311-3312 Farragut

Wholesale Commission Dealers in Cut Flowers

IN ALL THE PHRASE IMPLIES

Commissions: 10 per cent to 15 per cent, according to class and variety of stock handled.

Accommodation and collections for a few growers desirous of selling their own stock.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

Newark Newspaper Called.

The following editorial appeared in the Newark Sunday Call of Newark, N. J., April 30th issue:

Tremendous sales of Easter flowers, which now include every variety, were recorded a week ago. One splendid American Beauty, bought on Saturday night of a Newark florist, was still in perfect bloom on Wednesday. An observant grower said: "Well, that flower wasn't pickled." It seems that is the trade name for flowers that are put on ice or in cold storage. The grower delivers these to the New York middleman about three weeks before the busy season and he "pickles" them until the big demand comes and high prices prevail. Then the flowers are taken from cold storage and sent to the retailer, "iced up," and he keeps them in much the same condition until sold. A couple of hours in a warm room destroys their loveliness, where a fresh flower would have lasted days, with ordinary care. The fault is mainly with the New York middleman, and thousands of customers are being lost to florists by the practice. Those retailers who buy directly from the grower and avoid the New York dealers give their customers what they should have, a fresh-cut flower, but the trade



Mention the American Florist when writing

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
Telephone:
3864 Farragut.

BADGLEY & BISHOP, Inc.
Successors to Badgley, Riedel & Meyer.
Phones { 1664 | Madison
 { 1665 | Square, **34 W. 28th St., New York**
Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
Telephone No. 2264 Farragut.

J. J. COAN, Inc.
Wholesale Commission Florist.
115 W. 28th St., NEW YORK
Telephones: Farragut 5413 and 5891.
Fine stock of all the
NEW ROSES,
Carnations, Sweet Peas
AND EVERYTHING IN CUT FLOWERS.
Consignments Solicited.

Walter F. Sheridan
Wholesale Florist
Telephone Call:
3532-3533 Farragut **133 W. 28th St., New York**
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: Farragut 300 and 301

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, 5336 Farragut
Mention the American Florist when writing

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 606 and 609 Farragut.
CONSIGNMENTS SOLICITED
Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, May 3.	Per 100
Roses, Beauty, special.....	15 00@20 00
" extra and fancy.....	10 00@12 00
" No. 1 and No. 2.....	3 00@ 5 00
Prima Donna, special.....	5 00@10 00
Alice Stanley.....	1 00@ 8 00
Francis Scott Key, special.....	1 00@ 8 00
Mrs. Geo. Shawyer.....	1 00@ 8 00
White Killarney, special.....	8 00
Killarney, My Maryland.....	6 00@ 8 00
" special.....	1 00@ 2 00
" No. 1 and No. 2.....	2 00@ 8 00
" Queen.....	1 00@ 8 00
" Brilliant.....	2 00@10 00
Aaron Ward.....	1 00@ 6 00
Richmond.....	2 00@10 00
Sunburst.....	1 00@ 8 00
Taft.....	2 00@10 00
J. L. Mock.....	4 00@30 00
Hadley.....	1 00@ 8 00
Ophelia.....	1 00@ 8 00
Mrs. Chas. Russell.....	1 00@ 8 00
Hoosier Beauty.....	75 00@100 00
Cattleya Orchids, special.....	inferior grades .30 00@50 00
Lilies, Longiflorum and Harrisii.....	4 00@ 6 00
Lily of the Valley.....	5 00@ 6 00
Carnations.....	2 00@ 3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 00@ 2 50
Smilax..... doz. strings.	1 25@ 1 50
Gardenias..... per doz.,	75@ 3 00
Violets, single.....	40@ 50
double.....	35@ 50
Sweet Peas, orchid flowered.....	1 00@ 1 50
Mignonette..... per doz., 50c@ \$1.00	
Pansies, cut.....	20@ 50
Narcissus, Trumpets, spurs.....	2 00@
White Lilac..... per bunch, \$0.75@ \$1.50	
Lavender Lilac..... per bunch, \$0.75@ \$1.50	
Snapdragons..... per doz.,	75@ 1.00
Callas..... per doz.,	1.00@ 1.25

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.
Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for
Florist Trade at Wholesale.
Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK





INTRODUCING OUR NEW MANILA LINE

We are now in position to make deliveries in all sizes listed. All stock is moisture-proof. Plenty on hand to fill all orders. Samples will be sent at your request. Special discounts on quantity orders. Printing without charge on all orders of 300 or over.

16x4 x3	per 100, \$1.85	28x6x4	per 100, \$3.50	36x 8x5.....	per 100, \$ 7.00
20x4 x3	" 2.15	21x7x3½.....	" 3.25	40x 8x5.....	" 9.00
18x5 x3	" 2.15	18x6x4	" 3.00	42x 8x5	" 11.00
21x5 x3	" 2.50	24x8x4	" 3.85	30x10x5.....	" 7.00
24x5 x3½.....	" 3.00	24x8x5	" 4.15	36x10x5.....	" 9.00
30x5 x3½.....	" 3.30	28x8x4	" 4.35	42x10x5.....	" 13.00
36x5½x3½.....	" 4.50	28x8x5	" 5.00	48x10x5.....	" 15.00
				30x12x6.....	" 10.00

PRICES AND SAMPLES OF OUR LARGE LINE OF VARIOUS COLORED BOXES WILL BE SENT ON REQUEST.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

is monopolized to a dangerous extent by the metropolitan commission houses. As an instance of the difference in the prices of flowers, a month before Easter orchids could be had for \$10 a hundred at Lakewood, and the day before Easter they were selling for two dollars apiece.

WM. G. BADGLEY'S REPLY.

In reply to above editorial, entitled "Tremendous sale of Easter flowers", I advise you that there is not a wholesale commission florist in New York City that "pickles" American Beauty roses or any other cut flowers for three weeks, and none, to my knowledge, for even one day, unless the demand for them on the day they come in is not great enough to cause them to clean up. If there is any "pickling" done, it is absolutely done by the grower, and such "pickling" on their part, has been vigorously condemned by the wholesaler for the past 21 years, to my knowledge.

The particular case that you have come in contact with, no doubt was a retailer, who had purchased "pickled" goods at a very low price and endeavored to sell them at the true value of fresh goods, and having been caught in the act has undertaken to shift the responsibility on others, as I do not know one retailer in Newark that could be fooled into buying "pickled" flowers if he didn't want them.

The wholesale florists of New York are not a monopoly to any dangerous extent—in fact, they are not a monopoly at all. There is as much competition in our trade as there is in any business that ever existed, aside from the fact that the goods we handle are so very perishable that they cannot be held for fixed prices. I do not see either how our business could be monopolized, unless a few growers could control the glass market, which I consider quite remote, for should it come to a point where a few did get control and fix prices that would make their dealings very profitable, there would be nothing to prevent anybody from building greenhouses and participating in those profits.

The prices we obtained for orchids and lily of the valley for Easter, were not made possible by any fixed agreement by anybody, but were caused by the long established principle of supply and demand, and cannot be traced to any other source.

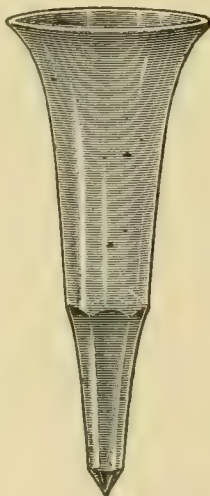
Your editorial is absolutely contrary to true conditions that exist in our business, and absolutely unjustified, and I further advise you that if all lines of industry were conducted on a principle as fair as ours, and by men as high in principle as those engaged in our business, there would not be much cause for complaint from the buying public.

WM. G. BADGLEY.

Chicago Bowling.

Scores made by the Florists in the North Chicago League, Thursday, April 26:

Players	1st Game	2d Game	3d Game
J. Huebner	208	186	161
Lorman	201	199	215
Price	177	180	180
Olsem	160	152	226
Zech	180	255	163
Totals	926	972	945



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.

Can be supplied in green or white.

Dozen, \$3.00; barrel of 3 dozen, \$7.50.

f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO

31-33 W. Randolph St.,

NEW YORK

43 Barclay St.

Mention the American Florist when writing

La Grange, Ill.

What was said to be one of the most elaborate and artistic floral displays ever seen in La Grange, Ill., was recently arranged by Walter Scott of the La Grange Floral & Seed Co., and was the subject of much favorable comment, the La Grange Citizen, a local newspaper, describing the most prominent features in detail in a first page article. Roses predominated in the striking display in the north window of the store, with vases of tulips in a number of varieties, and pots of Edith Scott daisies making an elegant contrast. The south window had for a centerpiece a splendid basket of dahlias, and arranged about this were baskets containing Kaiserskron tulip, Sir Watkin and Von Sion daffodils, with here and there arrangements of hydrangeas to blend the colors and a large basket of exquisite Easter lilies. The interior of the store, at all times attractive, was wonderfully beautiful with a gorgeous display, arranged to give the exactly correct blending of colors to bring out the full beauty of the flowers, while banks of splendid palms and ferns gave the proper touch of contrast.



FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50

5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Mention the American Florist when writing

St. Louis.

J. J. Beneke has disposed of his store lease and has been in Chicago this week calling on a number of his old trade friends.

Flans are under way for a spring flower show to be held March 15-18, 1917.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

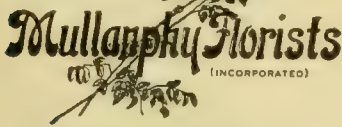


739 Buckingham Place.
L. D. Phone, Graceland 1112.
Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.
Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland
FLORIST
60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.
Members of Florists' Telegraph Delivery.

PROVIDENCE, R. I.
and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York, Washington, D.C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Members of Florists' Telegraph Delivery.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

—OR—

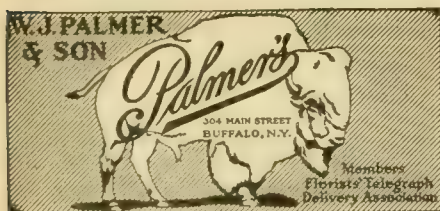
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Members of Florists' Telegraph Delivery.



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FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES: 1501 and L1582

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NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

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Thorsted Floral Co.,

1427 Broadway.

Pueblo, Colo.

D. M. McMurray

FLORIST

105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist

603 Title Guarantee Bldg.

Mention the American Florist when writing

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow
our own flowersAll kinds of Decoration
a Specialty

Phone A-2550

229 W. 4th Street

Mention the American Florist when writing

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Albany, N. Y.

Local retailers report themselves as well satisfied with the Easter business. Most of the dealers report business better than a year ago, especially in the sale of large plants and baskets. An increased call for sweet peas and corsage bouquets was noticed. Violets sold well and in about the same numbers as a year ago. Dealers found orchids short in supply and good lily of the valley scarce. Telegraph delivery orders were received in considerable number, and this feature of the business is coming much to the fore.

The board of estimate and apportionment has created the position of city forester to be attached to the bureau of parks at a salary of \$25 a week. No appointment has yet been made. The appointee will have to qualify in regard to the care, propagation and preservation of trees and shrubs. Harry G. Eyres, who has been for many years at 11 North Pearl street, has removed to 106 State street.

R. D.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



WASHINGTON

D. C.

Gudes'

Members of Florists' Telegraph Delivery.

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233-235 Grant Avenue.

JOSEPH'S Flowers, Fruits, Favors

B. M. JOSEPH.

Phone Sutter 423.

Novelties for
"Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Denver, Colo.

The Park

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

DES MOINES

IN THE CENTER OF IOWA

J. S. Wilson Floral Co.

We cover all points in Iowa.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

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1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

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A. W. Smith Co.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

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14th and H. Street

Duluth, Minn.

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch " " 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Son.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—The Alexandria Florist.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oakland, Calif.—Thorsted Floral Co.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco, Cal.—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heisl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evdenden Bros. Co.

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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

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799 Boylston Street

Deliveries to Steamers and all Eastern Ports

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Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
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Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

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Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heintz)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

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DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Trade Directory

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American Florist Co.,
440 S. Dearborn St., CHICAGO

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n



C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

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Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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1338 O Street, LINCOLN, NEB.
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El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Rockford, Ill.

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Member of Florists' Telegraph Delivery.

Telephone 1813 Main JOS. LEVY
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Floral Designs a Specialty

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Floral Designs and
Choice Cut Flowers

Portland Flower Store

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JOY FLORAL COMPANY

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PHILIPS BROS, 938 Broad St.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
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California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

St. Louis, Mo.

WIRE

Grimm & Gorly

BELLE WASHBURN

Plants in 2½-inch Pots Ready for Bench or Field

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The Best Red Carnation. Young plants in 2½-in. pots,
\$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

BASSETT & WASHBURN, OFFICE AND STORE,
178 N. Wabash Ave., Chicago, Ill.
GREENHOUSES, HINSDALE, ILLINOIS.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Ageratum, 6 varieties.....	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera.....	2.00	18.50	3.00	25.00
Alyssum.....	2.00	18.50	3.00	25.00
Begonias, Gloire de Chate- laine.....	2.00	18.50	3.00	25.00
" Luminosa.....	3.00	25.00	4.00	35.00
" Vernon.....	2.00	18.50	3.00	25.00
Cannas, good varieties.....	.....	.....	3.00	25.00
King Humbert.....	.....	.....	4.00	30.00
Coleus, 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea, Platycentra.....	2.00	18.50	3.00	25.00
Fuchsias, (in varieties).....	2.00	18.50	3.00	25.00
Geraniums, Standard var.	2.00	18.50	3.00	25.00
Heliotrope, Mme. Bruant and Chieftain.....	2.00	18.50	3.00	25.00
Lantanas, 6 varieties.....	2.00	18.50	3.00	25.00
Lemon Verbenas.....	2.00	18.50	3.00	25.00
Moonvines.....	2.00	18.50	3.00	25.00
Parlor Ivy.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.50	3.00	25.00
Senecio Argenteus and Dusty Miller.....	2.00	18.50	3.00	25.00
Swainsona, white and pink.....	2.00	18.50	3.00	25.00
Verbenas, separate colors.....	2.00	18.50	3.00	25.00
Vinca.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....	\$10.00 per 1000
Ricard and Poltevine.....	12.50 per 1000
Asparagus Plumosus.....	25.00 per 1000
Petunia, 3 inch.....	3.00 per 100
Salvia Zurich, 3 inch.....	3.00 per 100
Buddleia Magnifica.....	5.00 per 100
Buddleia Asiatica.....	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

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Robert Craig Co...

High - PALMS
Class

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	3.00	75.00
Rex Begonias, 3 in.....doz.	\$1.00;	100; \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

Miscellaneous Stock For Florists

Asparagus Sprengeri, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-
tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00
per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00
per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Petunia, Giant Ruffled, and Rosy Morn, 2½ in. pots, \$2.50 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Fern, Teddy Jr., 2½ in. pots, \$5.00 per 100, \$45.00 per 1000.
Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

CASH WITH ORDER.

BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty
Madison, N. J.

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly
reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH
THE FERNERIES
Lawrence and Winnipeg Avenues
SAN FRANCISCO, CALIF.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

NEW YORK.—Some of the larger seed houses began reducing help April 29.

CHICAGO.—Prices for grass seed on the Board of Trade, May 3 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

ONION SETS at Chicago are available in a small way only, whites not to be had. Western brown at about \$3.50 are used for counter orders.

SEEDSMEN, both east and west, report the mail and counter trade this week holding up well and some hope is entertained that the May business will in part make up for the slow trade in March and April.

SHENANDOAH, IA.—Henry Field, president of the Henry Field Seed Co., has purchased some five acres of picturesque woodland, the site of the former Mormon village of Manti at \$150 per acre for a country home.

C. C. MORSE & Co., San Francisco, Calif., report as follows regarding the sweet pea crop prospects: "Conditions are quite satisfactory to date. The plants are practically free from aphids. While we have had rather a dry spring, the growth is all that could be desired for this season of the year and we are quite hopeful of a good average yield."

COTTON SEED—It is said that a scarcity of cotton seed is threatened in Texas, where a price of \$45 to \$50 a ton has tempted farmers to sell with unusual freedom. If much re-seeding should be necessary an interesting situation would arise. It is estimated that one seed of cotton given the application of all possible care and skill, would produce forty thousand million seeds in six years.

Seed Bags for Peas and Beans.

At the annual meeting of the Western Seedsmen's Association, held at the Rome hotel, Omaha, Neb., April 22, C. C. Massie, of Northrup, King & Co., Minneapolis, Minn., recommended that members sell all peas, beans and corn in uniform bags containing 25, 50, 75 and 100 pounds and that a charge of one cent per pound be made where less than 25 pounds is wanted. It is obvious that this plan has many advantages and all the members present at the meeting expressed themselves as being heartily in favor of its general adoption.

Corn \$200 Per Bushel.

Des Moines, Ia.—A Des Moines man has paid \$200 for one bushel of prize corn, which will be used for seed. It was sold to J. W. Jarnagin, a farm paper publisher, by Wayne W. Polk of Sidney, Fremont county, who raised the corn. The grain will be sold at \$2 an ear to Polk county farmers and but one ear will be sold to any one farmer. It will be used in the development of a higher grade of grain.

French Seedsmen Heavily Punished.

Marius Laplanche, seed grower of St. Remy-de-Provence, France, was fined 10,000 francs April 3, with loss of civil and civic rights for 10 years and required to pay the costs of the trial for having supplied Jules Kaiser and M. Herb with seeds, knowing them to be German subjects. Witnesses on behalf of the defendant were called to sustain his plea that it was easy to be mistaken as to the nationality of the purchasers of the seeds, but their assistance proved of no avail. This is the third seedsmen punished in the French trials for supplying the enemy with seeds, etc., the cases of Marius Lombard and Jacques Hasslach being recorded in our issues of April 1 and April 15, respectively.

Philadelphia Seed Trade.

A trip around the seed trade in this city finds everybody working under pressure, all reports showing an unusually good business. The mail order men, whose field is the whole country, are particularly well pleased with this spring's showing and the prospects for continuance of the trade.

The Robert Buist Co. reports a very satisfactory business. With a large southern trade that started in early it has been kept busy until now it is pushed to the utmost to supply the local demand, which had all come at once, due to the late spring.

Stokes' Seed Store found trade alright, dull in March, but splendid since then. This firm is very well satisfied and has all the business it can handle. Flower seeds are scarce. Owing to the late season many people are buying potted vegetable plants.

The Henry F. Michell Co. reports the backward season hurt its local trade which was late in starting, but April trade has been phenomenal and is now caught up. The firm is well satisfied with the prospects.

Everything is going along first rate with H. A. Dreer, Inc. Even in spite of the European war, it has been able to get what seeds they wanted. This firm has had an exceptionally good season.

W. Atlee Burpee & Co. had the best March and April trade in their existence, sweet peas selling exceptionally well. This will be their banner year.

I. N. Simon & Son report great trade, best they have ever had, with great demand for field and vegetable seeds.

The Wm. Henry Maule Co. had good early orders and an exceptional April.

New York Seed Trade.

While conditions in the seed trade of this city are unusual there is no cause for serious alarm as to the business of 1916. The following item from the New York Tribune of April 28 shows that the weather has had considerable influence on the trade of last month as compared with that of April a year ago: "It certainly is a

backward spring. The average temperature April 27 was 44 degrees. For the corresponding day, April, 1915, the average was 72. At four o'clock on the afternoon of April 27, 1915, it was 91 degrees. At four o'clock April 27, 1916, 43 degrees. The average for 33 years for the day is 53."

Patrick O'Mara, of Peter Henderson & Co., says the market garden trade has fallen off, one reason being the low price of vegetables last year and the second that the munition factories are paying higher wages than the gardeners can pay both for men and teams. The cool and dark weather has caused counter trade to be slow, but it is now improving. Along other lines conditions were satisfactory.

F. W. Bruggerhof, of J. M. Thorburn & Co., expressed practically the same views as Mr. O'Mara regarding the business this season.

Burnett Bros. state that their business with private estates has been good, but counter trade poor.

A. T. Boddington is of the opinion that business will be good while the weather keeps cool.

J. B. Deamud, of Vaughan's Seed Store, says business has been backward, but now looks good.

W. E. Marshall & Co.'s trade, largely private, is better than last year's.

Weeber & Don report this year's business better than that of 1916.

Grain Grading Bill Adopted.

Washington, D. C., April 29.—Against the protest of the New York produce exchange and other opposition, the house today adopted as part of the agricultural appropriation bill the Rubey bill for uniform grading of grain. The bill fixed uniform grades in grain and is designed to prevent deception in grain traffic and to encourage the trade under uniform standards. It authorizes the secretary of agriculture to fix, establish, and promulgate grain grades and compel their use wherever grain is shipped in interstate or foreign commerce and sold by grade. It is similar to a bill passed by the house in the last congress and favorably reported from a senate committee, but not acted on by that body.

Miracle Wheat Old Delusion.

Because of many attempts that have been made by promoters to foist upon farmers wheat, which it is claimed will make a fortune for the planter, and for which exorbitant prices are charged, the United States department

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter.
New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF.

of agriculture has made careful test of the value of a number of varieties, among them being Jerusalem, Alaska and Stoner, and the results of these investigations are given in Bulletin 357 of the department.

The first definite mention of Jerusalem wheat was in 1807, a small quantity being brought over from Ireland at that time, but the description of this wheat, in the opinion of experts, identifies it with the Alaska wheat of the present time. This belongs to the Poulard subspecies grown in the Mediterranean region of Europe, but not to any extent in this country. Tests of this wheat made by the department in many localities and under different conditions, have never resulted in extraordinary yields, and in many instances not even fair results have been obtained. Milling results also show that Alaska is not as good as many other widely grown varieties.

The Stoner wheat belongs to the soft, red winter wheats, widely grown in the eastern United States from the Atlantic coast to the Mississippi river. Three great advantages which its discoverer claimed for it were as follows: (1) That it would outyield any other variety in any location; (2) that it sent up more stems from one seed than any other kind; (3) that 20 pounds of seed per acre produced the maximum yield as compared with 120 pounds required of other varieties. Tests by the department show that Stoner wheat is not as good as some wheats now grown in the eastern section of this country, but is somewhat better than some varieties. On the whole it is of average value. Comparative tests show that it never outyielded all other varieties and many varieties have surpassed it.

In publishing this bulletin, the department of agriculture wishes to call the attention of farmers to the fact that the government investigators have never been able to find the slightest reason for the claim that either of these wheats is in any way superior to the commercial varieties commonly grown.

FRENCH BULBS

Buy them from a French firm who has a French agent.

BREMOND FRERES,

The Oldest and Most Renowned French Exporters,

OLLIOULES Var., FRANCE,

Can supply you with the highest grade of bulbs at the most favorable market rate.

Their traveling agent, **JACQUES COURTINE**, is now in the States, quoting firm prices for next summer delivery.

Write him for an appointment,

Hotel La Fayette, University Place, New York City

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa.....	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snapdragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Splendens.....	.15 1.00	Verbena, Mammoth.....	.15 1.00
Salvia Fireball.....	.30	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

HIGH TEST 1914 SEED CORN

Yellow Dent	Hand Picked	Yellow Dent	Hand Picked
King of the Earliest.....	\$1.85	Reld's Early.....	\$1.60
Prize of the North.....	1.85	Funk's Early 90 Day.....	1.75

Samples and special prices for Commercial grade and carloads upon request.

WESTERN SEED & IRRIGATION CO.

WHOLESALE SEED GROWERS

FREMONT, - - - - - NEBRASKA.

ONION SETS?

LEONARD SEED CO.

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Trade Directory

Price: \$3.00, postpaid

American Florist Co.,

440 S. Dearborn Street

CHICAGO

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing



H. WREDE

LUNEBURG, GERMANY

PANSY SEED

184 First Prizes, the highest
awards Chicago, Paris, London,
Bruxelles, Berl., Hamb., Rome.

1000 seeds, finest mixed...25c
1 oz. ...\$2.25

Price list on application.

Cash with order

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBORO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWIFT PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

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Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

L. CLAUSE

(Established 1796.)

BRETIGNY - sur - ORGE (S. & O.)
near Paris, France,

Grower and exporter of

HIGH CLASS SEEDS

for the wholesale trade.

Just the grade of seed you need, if you sell
to market gardeners.

Will send over early in May next his travel-
ing salesman, Mr. Jacques Courtine, to call
on the American trade.

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Always mention The American Florist
when writing. : : :

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds

Baltimore, Md.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

HEATHER

OUR STOCK OF ERICAS IS EXCEPTIONALLY FINE

We offer the following **ERICAS** for growing on for next Xmas blooming. Delivery now. They should be potted into 5 and 5½-inch pots on receiving them, placed in a cool house and plunged outside by end of May or beginning of June.

Blooms Xmas. *Erica melanthera fragrans*, from 3 and 3½-inch pots, \$15.00 per 100, white brown eye bell.

Blooms Xmas. *Erica regerminans*, from 3 and 3½-inch pots, \$15.00 per 100, light lavender bell.

Blooms February. *Erica cotonoides Veitchii*, from 3½-inch pots, \$12.00 per 100, whitebell.

Blooms Xmas. *Erica President Carnot*, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.

Blooms Xmas *Erica President Felix Faure*, from 3 and 3½-inch pots, \$20.00 per 100, pink trumpet bell.

German Myrtle Bridal, from 3-inch pots, \$20.00 per 100.

Chorizema cordata, from 4 and 4½-inch pots, \$25.00 and \$30.00 per 100, flower color of wall flower, sweet pea shaped, blooms January.

Ardisia Crenulata

Our stock is exceptionally fine, from 8 to 14 branches; they will produce a bunch of fine red berries on each branch. Ready for 5 to 6-inch pots. Get them now. From 4 and 4½-inch pots, 8 to 10 branches, \$50.00 per 100. From 5 and 5½ inch pots, 10 to 14 branches, \$75.00 per 100.

Phoenix Roebelenii, ready for 4½ inch pots from 3-inch, \$20.00 per 100.

Charges for Packing at Cost. All Plants shipped out of pots.

ANTON SCHULTHEIS, COLLEGE POINT, N. Y.

VALLEY

FROM STORAGE

Bruns' Celebrated Chicago Market Brand, \$22.00 per 1000; \$11.50 per 500; \$6.00 per 250.

Florists' Money Maker, \$18.00 per 1000; \$9.50 per 500; \$5.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

BEGONIA BEGONIA

Luminosa Erfordii

SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK
OZONE PARK, N. Y.

GLADIOLI

All First Size Bulbs.

America.....	Per 1000
Augusta.....	\$11.00
Francis King, scarlet.....	12.00
Halley, sal pink.....	10.50
Independence, rose pink.....	16.00
	11.00

TUBEROSES

Double Pearl, 1st size.....	Per 1000
S. Armstrong, 1st size.....	\$12.50
	13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

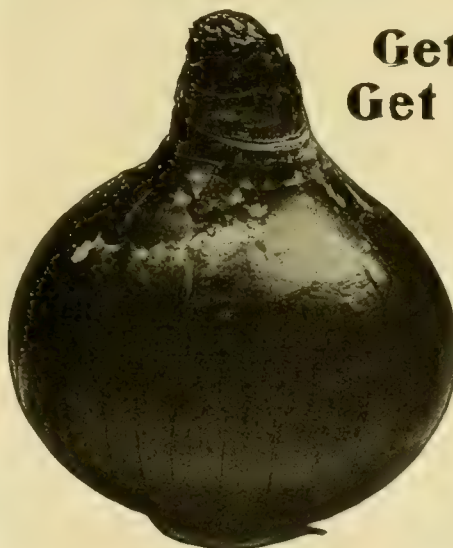
Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Paper Whites

For Next August

YOU, who have bought these too cheaply last year, and did not get delivery or got blind stuff, try Vaughan's Paper Whites for Fall, 1916, and pay enough.



**Get Them and
Get Them Good!**

We are the only American firm with a foreign buyer and inspector during the packing season. Our total bulb importations exceed those of any other American firm.

CHICAGO **Vaughan's Seed Store** NEW YORK

Now is the Time

To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers. One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in...	\$ 40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
" 14-16 in...	20.00	" 20-22 in...	80.00
" 15-17 in...	30.00	" 22-25 in...	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,

LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

SAN DIEGO, CALIF.—The San Diego County Farm Bureau has started a campaign to increase its membership. The object of the bureau is to bring growers and buyers together.

Prices of Indoor Fruits and Vegetables.

Chicago, May 2.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases, 22½ to 25 cents; radishes, 25 cents to 50 cents per doz. bunches; celery, \$1.50 to \$2.00 per crate; tomatoes, six baskets, \$1.50 to \$2.75; cucumbers, per doz., 75 cents to \$1.25.

New York, May 2.—Celery, per 12-inch crate, \$1.00 to \$1.75; cucumbers, 75 cents to \$1.00 per dozen; mushrooms, 50 cents to \$1.50 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$3.00; lettuce, per strap, \$2.00 to \$4.50; rhubarb, per dozen bunches, 30 to 40 cents.

Tomatoes on Benches.

While benches are not ideal for growing the spring or early summer crop of tomatoes under glass, we find a considerable output on benches in such places where a catch crop is needed. This is practiced by carnation growers especially, as very often a good crop of early tomatoes is more profitable than a poor crop of cheap carnations. The main trouble encountered at this time of the year is the restricted root room, requiring close attention to watering and feeding. When plants suffer from insufficient water and nourishment, two evils result: One, and the most dangerous one, dry rot of immature fruit; the other, a serious lowering of quality. Poorly grown tomatoes become exceedingly acid, tough-skinned and hard-meated, besides decreased in size. To overcome these troubles there is nothing better than a liberal application of commercial fertilizer and a mulch of coarse manure. Where a rich soil is used on benches, bone meal may well take the place of fertilizer, but where tomatoes follow some other crop in the same soil, a complete mixture is best. Owing to the unsatisfactory condition of the fertilizer market, we have attempted and succeeded in putting up some home materials simply by making arrangements with a large poultry plant to use all their droppings. These are carefully saved under roof, mixed with fine bone meal and dry dust, and spread out to dry in a heated shed. When dry, they are pulverized and screened. We have also saved all ashes from burning tobacco stems, weeds, coarse manure and refuse wood. These materials, if judiciously used, will produce a heavy growth on any coarse-growing crop—in fact, we have used this combination with complete success on carnations. By reducing

the poultry droppings through a ¾-inch mesh screen, there is less danger of injuring the crop. It may be stated that a mulch of coarse manure alone, while greatly assisting in watering, will not furnish enough plant food for shallow benches. MARKETMAN.

"Soils and Manures."

"A Student's Book on Soils and Manures," by E. J. Russell, director of the Rothamsted Experiment Station, Harpenden, Eng., recently issued, is an interesting book of 206 pages, well illustrated, its 13 chapters comprising a comprehensive treatise on soils and manures and the part played by each in the principles of soil management and successful crop production. The following summary of its contents gives an idea of the thoroughness with which the author has handled his subject:

An account of the soil—What the plant wants from the soil; limiting factors; pot experiments with tomatoes; what is plant food?

The composition of the soil—Mechanical analysis; old ideas; two states of clay; silts and silty soils; chalk and its composition; carbonates; phosphates and potassium compounds; soil air; subsoil.

Organic matter of the soil and the change it undergoes—Decomposition of plant residues; physical effects of humus; nitrogen in the soil; nitrogen fixation.

The effect of climate on the soil and on fertility—Soil belts and climatic zones; soil losses; alkali soils; effect of the weather and advantages of frost and snow; drainage water; slopes; irrigation, old and new.

The control of the soil—Cultivation; fallowing; subsoiling and trenching; control of fertility; mole draining; forcing the yield; clay soils; sands; green manuring; loams; effect of clover and root crops.

Fertilizers—Nitrates; sulphate of ammonia; phosphates; bone manures; basic slag; potassic fertilizers.

Manures supplying organic matter—Farmyard manure; effect of organic matter on the soil; loss on storage; long and short manure; time of application; guano; oil cakes; seaweed; waste products from factories. Purchase and use of artificial manures. Chalk, limestone and lime.

The book is bound in cloth and can be obtained of The American Florist Co., 440 S. Dearborn street, Chicago, price 90 cents.

FARGO, N. D.—A new house, 28x100 feet, is being added to the range of the Shotwell Floral Co.

Cabbage Plutella

ED. AMERICAN FLORIST:

I am troubled with little brown moth millers which I presume produce little green worms. These work on the underside of foliage. What is best to do against this pest?

Nebraska.

L. B.

The specimens have been identified as the cabbage plutella or diamond-back moth (*Plutella maculipennis*, Curtis) and the greenhouse leaf-tier (*Phlyctaenia ferrugalis*, Hubn.).

Thorough spraying with arsenate of lead at the rate of one pound to 18 gallons of water, using special care to cover the under surface of the leaves, will prove effective as a means of control. If the plants are in blossom, it is best to use a solution of pyrethrum, one ounce to two gallons of water, thoroughly covering the underside of the leaves with a fine mist spray. The use of light-traps at night is recommended in destroying the adult moth.

Hydrocyanic-acid gas fumigation undoubtedly offers an effective and economical means of control. In this the host plants, house temperatures, chemicals and intervals between fumigations should receive special attention. Clean cultural methods should be given attention—allow no cruciferous weeds to grow around the greenhouses, and early cutting of cabbage and destruction of cabbage stumps is recommended. S.

OCEAN PARK, CALIF.—W. Armacost & Co. have doubled the capacity of their range this year. Very good business is reported by this firm.

BEATRICE, NEB.—The Dole Floral Co. is adding a new house to its range, which when completed in about one month, will give this progressive firm eleven houses in operation.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY,
440 S. Dearborn Street, Chicago.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spaw

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spaw Co., St. Paul, Minn

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

BOXWOODS-KENTIAS

HYDRANGEAS--RAMBLER ROSES, ETC.

Extra fine quality stock at very reasonable prices. Order today.



BOXWOOD.

BOXWOODS.		Each
Bushes, 10-in.		\$0.25
Bushes, heavy, 12-in. ....		.35
Bushes, 15-in. ....		.60
Bushes, 18-in.		1.00
Bushes, 24-in.		1.50
Pyramids, 24-in.		2.50
Pyramids, 36-in.		3.00
Standards, 12-in. to 18-in. stems, 15-in. crowns		2.00
Standards, 24-in.		\$3.00 and 3.50
Standard Globes, with short stems, 16-in. to 18-in. heads.		4.00
Square Block, short stems, 12x12-in.		1.50
Square Block, short stems, 15x15-in.		2.00

Stock You Need Now

	Per 100
Geraniums, 3 1/2-in.	\$7.00
Cannas, mixed, 4-in.	7.00
Vincas, variegated, 3-in.	7.00
Caladiums, 3 1/2-in.	7.00

BLOOMING PLANTS

RAMBLER ROSES.

5-in., in bud and bloom, 35c each.

HYDRANGEAS. In Bloom

35c, 50c, 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each.

KENTIA BELMOREANA.				
Size	Leaves	Height	Doz.	Per 100
2-in.	4	8-in.	\$1.50	\$12.00
3-in.	4-5	8-10-in.	2.00	15.00
4-in.	4-5	12-14-in.	4.50	35.00
5-in.	5-6	15-18-in.	6.00	50.00
6-in.	compact, extra fine plants,			\$1.50
each.				
6-in., extra strong,	\$1.75 each.			
Size	Leaves	Height	Each	
7-in.	6-7	26-28-in.	\$ 2.00	
7-in.	6-7	30-32-in.	2.50	
8-in.	6-7	60-in.	10.00	
KENTIAS—MADE UP.				Each
Belmoreana, 6-in.				\$ 1.50
Belmoreana, 7-in.				3.00
Fosteriana, 6-in.				1.00
Fosteriana, in tubs, 5 ft. 6 in. to 6 ft. high				12.00

KENTIA FOSTERIANA.				
Size	Leaves	Height	Each	Doz. Per 100
2-in.	4	8 in.	.....	\$1.50 \$12.00
3-in.	4-5	8-10 in.	.....	2.00 15.00
4-in.	4-5	14-16 in.	.....	4.50 35.00
5-in.	5-6	16-18 in.	\$ 0.50	6.00
6-in.	strong		\$1.50 and \$1.75	
7-in.	6-7	36-40 in.	2.50 and 3.00	
8-in.	6-7	64-68 in.	\$ 9.00	.....
9-in.	6-7	72 in.	11.00	.....
9-in.	7-8	80-84 in.	12.00	.....
9-in.	7-8	84-88 in.	15.00	.....



P. S.—Send us your Telegraph Delivery transfer orders for Chicago and vicinity. Our retail department offers facilities unexcelled for Quality and Service.

THE GEORGE WITTBOLD CO.

739 BUCKINGHAM PLACE,

L. D. Phone, Graceland 1112

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A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Ipomoea Noctiflora (MOONVINES)

2 1/2 in. pots. \$5.00 pe
3 in. pots. 8.00 pe

GODFREY ASCHMANN,
Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Ornamental Stock of Quality

CAN SUPPLY QUANTITY OF FOLLOWING ITEMS:

Azalea Mollis, bushy plants with plenty of buds—
12 to 15 in. high at 35c each, \$4.00 per doz, \$30.00 per 100.
15 to 18 in. high, at 45c each, \$5.00 per doz, \$40.00 per 100.
Boxwood—Pyramids, 36 in. high, very fine, \$1.75 each; 42 in. high, very fine, \$2.25 each; 48 in. high, very fine, \$3.25 each; 54 in. high, very fine, \$4.00 each.
Aristolochio Siphon (Dutchman's Pipe), Extra strong plants, 4 ft. of tops, 25c each, in any quantity.
Hydrangea, *Paniculata Grandiflora*, Tree form, 3 to 4 ft. bodies, fine heads, \$25.00 per 100. Bush form, 3 ft. high, \$10.00 per 100.
Hydrangea, *Arborescens Grandiflora Alba*, 3 to 4 ft. high, bushy, \$20.00 per 100, 2 to 3 ft., bushy, \$14.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft. \$1.00 each
Pyramids, 2 1/2 -ft. 1.50 each
Pyramids, 3 -ft. 2.00 each
Pyramids, 3 1/2 -ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2-ft. 1.50 each
Nice Bushes, 15-in. 35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held
at Milwaukee, Wis., June, 1916

NURSERYMEN are either very busy clearing up their shipping orders or planting out their own stocks for growing on.

ST. PAUL, MINN.—C. A. and E. W. Bazille and A. Sjöholm have incorporated the Northern Nurseries, with a capital stock of \$50,000.

ROSES probably have never been so scarce at this time of year as during the present season, all leading wholesalers declining orders for most items.

MANCHESTER, N. H. — Preliminary plans for the laying out of Walker Park, are being drawn by Sheffield A. Arnold, landscape architect, Boston, Mass.

EIGHT MILLION dollars is reported lost by applemen this season. Inability to export on account of high ocean freight rates is said to be the main cause.

WE are in receipt of the thirty-third annual report of the board of park commissioners, Minneapolis, Minn., in its usual tasteful style with a large amount of useful data freely supplemented with informing illustrations and maps.

McKINNEY, TEX.—The McKinney Nursery Co., has been awarded the contracts for beautifying the grounds of the government buildings in this city; also those at Sulphur Springs, Bonham, Mineral Wells, Brownwood, Temple and Hillsboro, Tex.

Tree Surgery Infringement Denied.

The motion for a preliminary injunction in the case of the Davey Tree Expert Company against Clifford H. Easton was denied by the District Court of the United States, Southern District of New York, on April 4. Infringement of the Davey patents on tree surgery was charged. It is said the case will be brought to a final hearing at an early date.

Florists' Specialties in Good Demand.

The Jackson & Perkins Co., Newark, N. Y., reports demand the past season for its florists' specialties, such as hydranges, deutzias, pot lilacs and field grown roses very good, these stocks being sold out very closely. The season with this firm has been very favorable and satisfactory. Collections have been coming in very well from all parts of the country, seeming to indicate that the florists generally have had a profitable season.

Destructive Scale Insects.

The oyster-shell scale and the scurfy scale are, according to specialists of the United States department of agriculture, more frequently the subject of inquiry by orchardists than all other species of scale insects combined.

The oyster-shell scale is the more important of the two. It occurs in nearly every state in the country and

attacks apple, maple, horse chestnut, poplar, willow, lilac, and more than a score of other trees. Shade trees which are not often sprayed are especially susceptible to attack. Maple and poplar trees in some cases are completely incrustated from top to bottom of the trunk.

The scurfy scale is especially common on apple, pear, cherry and peach trees. It does not attack as wide a variety of plants as the oyster-shell scale, and this fact, coupled with its being less widely distributed than the latter, makes it the less harmful of the two. The scurfy scale, like the oyster-shell, winters in the egg condition under the scales.

Lime-sulphur spray and kerosene emulsion are suggested for the control of these pests and directions for mixing these sprays together with complete data on these scales and additional methods for their control will be found in Farmers' Bulletin No. 723, issued by the department of agriculture.

JAPANESE TEA GARDEN —AND— ROCKERY

of any style made in a short time.
T. R. Otsuka, 414 S. Michigan Blvd.
CHICAGO.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

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Of Fruits, Flowers and Ornamental Shrubs

We have a stock of Plates on hand

We design and print catalogue covers. Write us.

Christy Color-Printing-Engraving Inc.
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WE ALSO ILLUSTRATE YOUR CATALOG FREE

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Gillies Litho. & Printing Co., Rochester, N. Y.

P. E. FELLOWS, Mgr. (MEMBER AMERICAN ASSOCIATION OF NURSEYMEN)

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00	
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy	10.00	
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy	12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy	15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy	18.00	

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	.....	42 to 45.....	4.00	48.00
9-in. cedar tub.....	.....	45 to 48.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Mention the American Florist when writing

COTTAGE MAID

A Sport of
MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

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THE ROSE PINK CARNATION
WHICH IS ALWAYS IN CROP.

Rooted Cuttings,
\$12.00 per 100; \$100.00 per 1000

Littlefield & Wyman
NORTH ABINGTON, MASS.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
New York

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Spring
List **ROSES**

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3 00	25.00
Milady.....	4 00	35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Mention the American Florist when writing

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Wonder.....	3.00	25.00
Alice.....	6.00	50.00	White Enchantress.....	\$3.00	\$25.00
Matchless.....	3.50	30.00	Rosette.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Mention the American Florist when writing

CHRYSANTHEMUMS

Now Ready

Artista, Yellow Turner.	Each	Per 10	Per 100
Plants Only	.....\$1.00	\$ 7.50	\$60.00
Josephine Foley.	Each	Per 10	Per 100
Plants Only	.....\$0.50	\$ 4.00	\$30.00
Mrs. R. C. Pulling.	Per 10	Per 100	Per 1000
Plants Only	.....\$2.50	\$20.00	
Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$1.50	\$10.00	\$90.00
Rooted Cuttings	.....7.00	60.00	
Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.75	\$ 5.00	\$45.00
Rooted Cuttings	.....4.00	30.00	
White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$30.00
Rooted Cuttings	.....3.00	25.00	
Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Citronelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$35.00
Rooted Cuttings	.....3.00	25.00	
Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Helen Frick, Ivory, Jeanne Nonin, Mile, Arlette Dubois, Mrs. B. E. Hayward, Mrs. H. Robinson, Patty, Pink Ivory, Ramapo, White Helen Frick, Yellow Ivory.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....2.50	20.00	
Col. D. Appleton, Chrysolora, Clementine Touse, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonnaffon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonnaffon.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....2.00	17.50	

Complete list of Pompons, Anemones and Singles. Prices on application.
Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.
Not less than 25 of a variety sold as rooted cuttings.
Reference or cash from unknown correspondents.

These prices are to those in the trade only.
Elmer D. Smith & Co., ADRIAN, MICH.

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

ALTERNANTHERAS

Red and yellow, 2 1/4 in.	Per 100
Cannas, well started 3 in.	3.00
Geraniums, S. A. Nutt, 2 1/4 in.	3.00; 3 in. 5.00
Asparagus Plumosus, 2 1/4 in.	2.00
Asparagus Sprengeri, 3 in.	4.00
Coleus, 10 varieties good stock.	2.00
Giant flowering Pansies, \$1.50 per 1000. Fall transplant.	.75
Choice mixed Verbenas, 2 1/4 in.	2.00
Petunias, May 10th, 2 1/4 in.	2.00
Salvias, good stock, 3 in.	4.00

—Cash—

JOS. H. CUNNINGHAM, De'aware, Ohio

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

BEGONIAS

We make a specialty of begonias; you will like our stock; prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Chatelaine, 2 1/2-in.	\$ 5.00	\$ 45.00	Xmas Red, 2 1/2-in.	\$ 6.00	\$ 50.00
Chatelaine, 3-in.	8.00	70.00	Xmas Red, 3 in.	8.00	70.00
Chatelaine, 4 in.	12.00	100.00	Xmas Red, 4 in.	10.00	90.00
Luminosa, 2 1/2 in.	2.50	20.00	Vernon, 2 1/2 in.	6.00	50.00
Luminosa, 3 in.	4.50	40.00	Vernon, 3 in.	8.00	70.00
Luminosa, 4 in.	6.00	50.00	Vernon 4 in.	10.00	90.00
Prima Donna 2 1/2 in.	2.50	20.00	Lorraine, 2 1/2 in.	12.00	100.00
Prima Donna 3 in.	4.50	40.00	Cincinnati, 2 1/2 in.	15.00	100.00
Prima Donna, 4 in.	6.00	50.00			

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2 1/2 inch.....\$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom.....4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties.....4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants.....2 1/2 inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2 1/2 inch.....\$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch.....\$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

Some Fine Stock.

	100	1,000
2 1/4-in. FUCHSIAS, 15 varieties..	2.50	22.50
2 1/4-in. MARGUERITES, 3 vars..	2.50	22.50
2 1/4-in. HELIOTROPES, 3 vars..	2.50	22.50
2 1/4-in. DOUBLE PETUNIAS, 15 varieties.....	3.00	25.00
3 1/2-in. GERANIUMS, any color, full of bud and bloom	7.00	65.00
2 1/4-in. VERBENAS, finest mixed.	2.50	22.50
2 1/4-in. CHRYSANTHEMUMS, 24 varieties.....	2.50	22.50
2 1/4-in. CYCLAMENS, 8 varieties	6.00	55.00
2 -in. AGERATUM, 4 varieties.	2.25	20.00
2 1/2-in. SALVIA, Bonfire and Splendens.....	2.50	22.50
2 1/4-in. CUPHEA, Cigar Plant.....	2.25	20.00

If you have not received our Wholesale Price List offering Spring Bedding Stock and Vegetable Plants by the Million at Bargain Prices, write for one at once.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing



VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

Mention the American Florist when writing

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.

440 So. Dearborn St.
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Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market. Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100, \$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

ALYSSUM, Little Gem, thumb pots, 1½c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Sweet Alyssum, blooming, 2-in., \$2.00 per 100. GEORGE F. ODOR, Iola, Kans.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS, thumb pots, June 1st, \$1.50 per 100; 3-in., ready now, \$5.00 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

ASPARAGUS SPRENGERI, bushy, 3 to 4-in. above pots, \$1.50 per 100. Sure to please. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000; thinly sown seedling, ready to set out, \$3.00 per 1,000. Samples' Branching in 4 colors, \$3.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

AZALEAS.

AZALEAS. Van der Cruyssen, J. Llewellyn, Niohe and Mrs. J. Vervane, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.		Per 100
Xmas Red, 2½-in.	.....	\$ 6.00
Xmas Red, 3-in.	.....	10.00
Erfordil, 2½-in.	.....	3.00
Erfordil, 3-in.	.....	6.00
Prima Donna, 2½-in.	.....	3.00
Smithil, 2½-in.	.....	3.00
Chatelaine, 2½-in.	.....	3.50
ERNEST ROBER, Wilmette, Ill.		

BEGONIAS.

Begonias. We make a specialty of them.

Chatelaine, 2½-in.	.....	100	1,000
Chatelaine, 3-in.	.....	\$ 5.00	\$ 45.00
Chatelaine, 4-in.	.....	8.00	70.00
Luminosa, 2½-in.	.....	12.00	100.00
Luminosa, 3-in.	.....	2.50	20.00
Luminosa, 4-in.	.....	4.50	40.00
Prima Donna, 2½-in.	.....	6.00	50.00
Prima Donna, 3-in.	.....	6.00	50.00
Prima Donna, 4-in.	.....	6.00	50.00
Xmas Red, 2½-in.	.....	8.00	70.00
Xmas Red, 3-in.	.....	10.00	90.00
Xmas Red, 4-in.	.....	6.00	50.00
Vernon, 2½-in.	.....	8.00	70.00
Vernon, 3-in.	.....	12.00	100.00
Vernon, 4-in.	.....	15.00	100.00
Lorraine, 2½-in.	.....	15.00	100.00
Cincinnati, 2½-in.	.....	15.00	100.00
Pyfer & Olsem,	.....	Wilmette, Ill.	

Begonias from the "Florist of Buffalo" are the strong, sturdy kind. Anderson service back of every order: Lorraine, 2½-in., \$13.00 per 100 or \$125.00 per 1,000. Cincinnati, 2½-in., \$15.00 per 100 or \$140.00 per 1,000. Delivery May, June or July. S. A. ANDERSON, Buffalo, N. Y.

BEGONIAS—Delivery from May 15.
Lorraine, 2½-in. pots.....\$ 12.00
Cincinnati, 2½-in. pots..... 15.00
Mrs. J. A. Peterson (new), 2½-in. pots. 25.00
Per 1,000.....200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonias. Gloire de Chatelaine and Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in. strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias, tuberous rooted. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement elsewhere in this issue. Pyfer & Olsem, Wilmette, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Luminosa and Erfordil seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

Ardisia Crenulata, 4 and 4½-in. pots, 8 to 10 branches, \$30 per 100. 5 and 5½-in. pots, 10 to 14 branches, \$75 per 100. Anton Schultze's, College Point, N. Y.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.
BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.
THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

BOXWOOD.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood—Pyramids. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladium esculentum. Sound bulbs with good cluster shoots. For sizes and prices see advertisement on cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladiums, 3½-in., \$7 per 100. The George Wittbold Co., 739 Buckingham Pl., Chicago.

CANNAS.

Canna, King Humbert, 3-in., \$4 per 100; \$30 per 1,000. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Canna Bouvier, \$1.50 per 100; \$12.50 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

CARNATION ROOTED CUTTINGS.

Immediate Delivery.		100	1,000
Aviator, scarlet	.....	\$12.00	\$100.00
Pink Sensation	.....	6.00	50.00
Beacon	.....	3.00	25.00
White Wonder	.....	3.00	25.00
Matchless	.....	3.00	25.00
Gloria	.....	3.00	25.00
Princess Dagmar	.....	3.00	25.00
Benora	.....	3.00	25.00
Rose Pink Enchantress	.....	2.50	20.00
Enchantress	.....	2.50	20.00
Mrs. C. W. Ward	.....	2.50	20.00
Philadelphia	.....	2.50	20.00
Pearless Pink	.....	2.50	20.00
Northport	.....	2.50	20.00
Conquest	.....	2.50	20.00
White Enchantress	.....	2.50	20.00
25 or more at 100 rate. 250 or more at 1,000 rate.			

First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO., Joliet, Ill.

ROOTED CARNATION CUTTINGS. AT STOCK.

	100	1,000
Pearless Pink	\$2.50
Enchantress	2.00
A. T. PYFER & CO., 30 East Randolph St., Chicago.		

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

ROOTED CARNATION CUTTINGS.
Taken from the best stock sold in Chicago market. Ready for immediate delivery:

	100	1,000
Aviator	\$12.00	\$100.00
Enchantress	2.00	18.00
White Enchantress	2.00	18.00
Victory	2.00	15.00
Cerise Winsor	5.00	40.00
Enchantress Supreme	3.00	25.00
Matchless	3.00	25.00
White Wonder	3.00	25.00

ZECH & MANN,
30 E. Randolph St., Chicago.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS.,
162 N. Wabash Ave., Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterberg, 158 North Wabash avenue, Chicago.

Carnations, Pink Enchantress, Rose Pink Enchantress. Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. New Crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

CAPE JESSAMINE.

Cape Jessamine Buds. Prettiest and most fragrant flower. Medium stem, \$1 per 100; \$8.50 per 1,000. Long stem, \$1.50 per 100; \$13 per 1,000. T. W. Carlton, Alvin, Texas.

CHRYSANTHEMUMS.

WHITE	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
Early Frost	5.00	50.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	2.00	15.00
Alice Byron	2.50	20.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Lindwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	.....
Bonnafton	2.00	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	.....

PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	.....
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	.....

J. D. THOMPSON CARNATION CO.,
Joliet, Illinois.

CHRYSANTHEMUMS.

Alex. Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.
Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS.

FINE ROOTED CHRYSANTHEMUM CUTTINGS
Out of Soil.

Major Bonnafton	100	1,000
	\$2.00	\$18.00

WIETOR BROS.,
162 North Wabash Ave., Chicago, Ill.

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, 24 varieties, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

CINERARIA.

CINERARIAS, Dusty Miller, thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

COLEUS.

COLEUS. 12 standard varieties, bushy, pinched, 2½-in. stock, \$25 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store. Chicago and New York.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA. Same as last year. Thumb pots ready June 1st. \$1.75 per 100. Book orders now. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

ERICAS.

Ericas, exceptionally fine for Xmas blooming. For varieties and prices see advertisement elsewhere in this issue. Anton Schulteis, College Point, N. Y.

FERNS.

HARDY FERNS	100	10	10	10
Adiantum pedatum, maidenhair.....	\$6.00	\$0.70	\$0.10	
Aspidium spin., wood fern.....	6.00	.70	.10	
Aspidium cristatum, evergreen f.....	6.00	.70	.10	
Aspidium Goldianum, Goldie's f.....	7.00	.80	.10	
Asplenium fel. foem, lady f.....	6.00	.70	.10	
Aspl. Thelypt, silver spleen- worth	6.00	.70	.10	
Dryopteris Thelypt, shield fern.....	5.00	.60	.10	
Oncoclea sensibilis	4.00	.50	.10	
Oncoclea Struthiopteris, ostrich f.....	8.00	.90	.10	
Osmunda cinnamom	7.00	.80	.10	

100 ferns, your selection, billed 100 rate.
Ludwig Mosbæk, Ferndale, Askov, Minn.

FERNS.

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Teddy Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000. Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

FERNS. 2-in. pots, Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c. Book orders now for June 1st delivery. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

15,000 ferns. Strong rooted runners, Whitman, Boston and Harris; \$2.00 per 100. Cash. E. F. ROSE, Taunton, Mass.

FERNS. Boston, 4-in., \$14.00 per 100; Scotti, 4-in., \$12.50 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

GARDENIA.

2,000 extra fine 2½-in. Gardenia Veitchii, \$50 per 1,000, immediate delivery. Samples on application. D. G. GRILLBORTZER, Alexandria, Va.

GERANIUMS.

ROOTED GERANIUM CUTTINGS	100	1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Poitevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO.,
Springfield, Illinois.

10,000 geraniums. S. A. Nutt, large 4-in. stock, \$7.00 per 100.

J. A. BUDLONG,
184 N. Wabash Ave., Chicago, Ill.

GERANIUMS. Fine stock plants, bud and bloom. S. A. Nutt, Ricard, Jean Vland, White Buchner, 4-in., 8c; 3½-in., 7c. Fine stock. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. 10,000 S. A. Nutt, 2-in. pots, \$25.00 per 1,000. Ready now. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums. Best four varieties in bud and bloom. 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

GLADIOLI.

Gladiolus, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington ave., St. Louis, Mo.

GLADIOLUS. Mixed colors, 1¼ to 1½-in., \$6.50 per 1,000; 250 at same rate. No other kinds to offer now. C. S. TAIT, Brunswick, Ga.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

GLADIOLI. Fifty thousand choice mixed gladioli in three sizes. Will sell below market prices. MRS. W. E. HOCKETT, R. F. D. No. 1, Wixom, Mich.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpotiated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpotiated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HARDY PERENNIALS**HARDY PLANTS—FIELD GROWN.**

Pyrethrum, yellow; Achillea, The Perle; Helianthus Maximilian; Coreopsis, lanceolata; Germ. Iris, light blue and bronze; Veronica longifolia, 3c. Monarda, didima, Golden Glow; Boltonia Asteroides, 2c. Buddleia variabilis, 2½-in., 5c. Ampelopsis Engelmanni, 3-year, 5c. Cash. Boxing free. A. KLOKNER, Wauwatosa, Wis.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS.

Hydrangeas, paniculata grandiflora and Arborescens grandiflora alba. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS, Oktaks, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OKTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

German Ivy, 2½-in., 2½c. GEORGE F. ODOR, Iola, Kans.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs, fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

LOBELIAS.

LOBELIA, Crystal palace, 3-in., fine, \$4.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Lobelias, strong, bushy plants, 2½-in., \$3 per 100; \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Lobelia, Crystal Palace, 2-in., blooming, 2c. GEORGE F. ODOR, Iola, Kans.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, coleus; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MYOSOTIS

FORGET-ME-NOTS (Myosotis). Good, strong plants, 50c per 100; 500 for \$2.00; 1,000 for \$3.50. In large clumps, large count. Express prepaid. M. L. McCLAVE, 170 Britain Ave., Benton Harbor, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERY, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

225,000 large, stocky (Sept. transplanted), field-grown blooming pansy plants, Henry Mette's strain, all salable stock—satisfaction guaranteed. \$1.00 per 100; \$10.00 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUMS.

Pelargoniums — "Easter Greeting". Couple thousand 2½-in. ready for shift, will make dandy 4-in. for Memorial day at \$8.00 per 100. Also several hundred strong 3-in. ready to shift in 5-in. at \$15.00. Nothing better for retail trade—sells on sight. Cash, please. HEINLE, Terre Haute, Ind.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

PETUNIAS, Single fringed, fine, heavy; \$3.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Petunias, Giant ruffled and Rosy Morn, 2½-in., \$2.50 per 100. The Storrs & Harrison Co., Painesville, O.

Petunias. Best fringed French varieties, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunia, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIVET.

300,000 Cal. Privet, Berb. Thunbergii shrubs and vines, all sizes Amp. Veitchii and Clematis paniculata, 2-yr., 8c. King Humbert and Buttercup canna, 2½c. Get list. Prices right. RENJ. CONNELL, florist, Merchantville, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

	100	1,000
Ophelia	\$4.50	\$40.00
Pink Killarney	2.50	20.00

	100	1,000
White Killarney	4.00	30.00
Sunburst	5.00	40.00

Satisfaction Guaranteed. Ready Now. GEORGE REINBERG, 162 North Wabash Ave., Chicago.

ROSES.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in. Grafted. Own Root.	2½-in. Per 1,000
Russell	\$120.00	none
Killarney	100.00	\$56.70
White Killarney	100.00	58.70
Killarney Brilliant	100.00	58.70
Ward	100.00	58.70
Milady	100.00	58.70
Richmond	100.00	58.70
Hoosier Beauty	105.00	58.70
Hadley	105.00	58.70
Cecile Brunner	100.00	58.70
Elgar (special only)	100.00	58.70
Francis Scott Key	110.00	63.00

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EXTRA STRONG HEALTHY OWN ROOT ROSE STOCK. 2½-inch Stock.

	Per 100	Per 1,000
Russell	\$8.00	\$75.00
Ophelia	6.00	50.00
Sunburst	5.00	40.00
White Killarney	4.00	35.00
Pink Killarney	4.00	35.00
Richmond	3.00	25.00

	3½-inch Stock.	Per 100	Per 1,000
Sunburst	8.00	75.00	
Pink Killarney	6.00	50.00	
White Killarney	6.00	50.00	
Richmond	5.00	40.00	

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BEFORE IT IS TOO LATE.

Have you sent in your order for your requirements in plants of the remarkable pink forcing rose

CHAMP WEILAND?

It is your success and your own profit that will guide your good judgment in having this rose growing on your benches. We can still take care of your order for a limited number of strong grafted plants at 100 for \$35, 1,000 for \$300.

	Per 100	Per 1,000
Grafted Mrs. Chas. Russell	120.00	\$120.00
Grafted Double White Killarney	75.00	75.00
Grafted Killarney Brilliant	75.00	75.00
Own Root Killarney Brilliant	50.00	50.00
Own Root Milady	50.00	50.00

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FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney Brilliant	\$4.00	\$35.00
Killarney	4.00	35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

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	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Eller Paulsen	2.50	18.00
Era Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

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White Killarney	4.00	30.00

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Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

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SALVIA. Bonfire and Splendens, extra fine, heavy, 3-in., \$4.00 per 100; 4-in., extra fine, \$6.00 per 100. **THE WAGNER PARK NURSERY CO.,** Sidney, Ohio.

SALVIAS. Same as last year. Thumb pots, \$1.50 per 100. Cash, please. **B. C. BLAKE,** R. D. No. 4, Springfield, Ohio.

Salvia. Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. **Alonzo J. Bryan,** Washington, N. J.

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Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. **The W. W. Barnard Co.,** 231-235 W. Madison St., Chicago, Ill.

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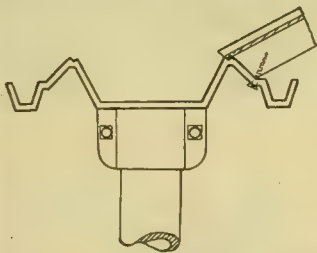
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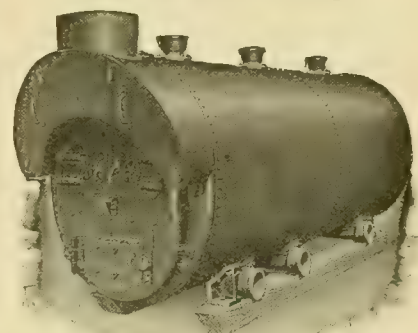
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 No. 2½. Double thick.
 No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
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For Hot Water Heating

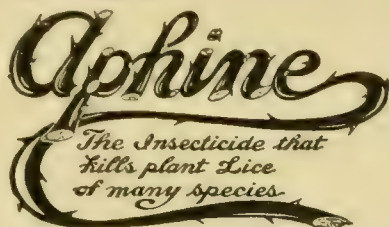


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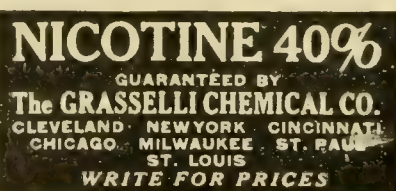
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No.	Diam.	Ea.	Doz.	100
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20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
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Break, Costs Little

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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVI.

CHICAGO AND NEW YORK, MAY 13, 1916.

No. 1458

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Next annual convention and exhibition at
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York, June, 1916. B. H. FARR, Reading, Pa.,
President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

Window Boxes-Hanging Baskets

Window Boxes.

One of the important features of the florist business is the filling of the window box. While there is considerable work in this line, it is not a tithe of what might be done, were the importance of the box as a decorative feature impressed upon and brought before the public, particularly the residents of the closely built up portions of the large cities. "The City Beautiful," is a slogan that should be kept to the front and so strongly presented that many would want to do their part to help along the good work.

Every florist who caters at all to this work should have a separate department to handle it. Every detail of the business should be so familiar to the man in charge that he would never be at a loss in any emergency. There are whole blocks of houses in the best sections, 20 or 25 properties, side by side, without a decorated window or possibly only two or three of them, helping to enliven the city street with boxes of flowering plants. The reason that their use is not more general, is due likely to the idea that they are very expensive, their constant care a source of worry, the damage they may do to a beautiful front, the danger of their falling, and other imaginary detriments. All these doubts are of course readily removed and explained away when an enthusiastic salesman gets on the job. If it is a question of price, he meets it with the cedar or birch covered bark box, the least expensive, but very serviceable and satisfactory. Should a special pattern be desired to conform to the architecture of the house, he is prepared to quote prices. If the objection is to their short life, that they soon rot out and have to be renewed, prices are quoted for terra

cotta or cement patterns, which are as durable as the house itself. Ornamental galvanized brackets, securely attached, relieve all danger of accident.

Were the business of securing new customers pushed with vigor, the perpetual care of the boxes could be guaranteed to cost but a moderate sum, as there would be a list that would keep one man busy, and while the cost in each case would be very small, yet the aggregate sum would be found profitable to the florist. If "The City Beautiful" feature is fully emphasized, the boxes will be ordered kept up during the summer after the house is closed, to ornament and give life and color to the hot dusty streets of the city, for the enjoyment of those less fortunate ones who are unable to get away. There are also a number of self-watering devices in the zinc and iron boxes which are past the experimental stage, having been found practical and efficient. These relieve somewhat the care of watering and are good selling points when dealing with particular people.

The size of a box has a great deal to do with its efficiency. Quite a number are seen with a width and depth of only five inches inside measurement. This may be all right for a narrow inside ledge for room decoration, but for outside sills, no box should be less than six inches wide and the same in depth inside measurement. Where a generous display is desired and the windows are of good size, a depth of eight inches and width of ten inches, which gives plenty of soil and root space, is best. When the sills are six feet and over, it is best to supply several boxes, two of three feet, or two of four feet as required, as one large enough to fit the entire space is very unwieldy and heavy to handle. When

put up in sections and fitted together, the effect is the same as of one long box. Good practical supports are necessary to properly secure and prevent any chance of accident. Particularly is this the case with the terra cotta or cement jardinières, which are rapidly coming into use; they are very heavy and almost invariably go to pieces in case of accident. Galvanized

To get the best effect, plant but one variety to a box. For vines, use variegated periwinkle or English ivy. Many other plants and vines may be used for this work, such as, sweet alyssum, nasturtiums, lobelias, neurembergias, trailing abutilon, ivy, geraniums, parlor or Boston ivy, petunias, verbenas, etc., but for street wear in the dry and very hot posi-

of the box, one in each end, which stand from 36 to 40 inches high. To these are trained ivy plants, which make an attractive and novel finish.

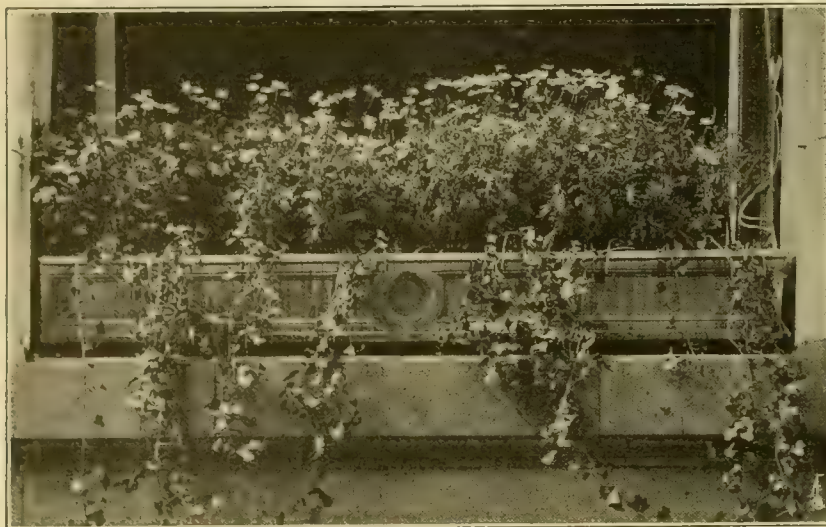
Boxes in second and third story windows and balconies well above the street, should be supplied with galvanized iron pans to catch the drip. These should be about two inches wider than the box, which latter should rest on cleats in the bottom of the pan. A system of small iron pipes with perforations along the rear of such elevated boxes, with connection at the street level to which a hose may be attached is a convenient and time saving device for watering. The cost of such an installation is comparatively small and will be found well worth the expense.

The Hanging Basket.

Wherever there are porches, there is an opportunity for the hanging basket. When of a practical size, and suitably filled, they are a decided acquisition lending an air of refinement and decorative effect that is a splendid return on the small amount invested. For the florist, who is located in the residence or suburban district, where the porch is the feature of every dwelling, there is a great opportunity to push the hanging basket.

There is infinite variety in the production of the various styles. The wooden type, covered with laurel knots and roots, with branch handle, has a very rustic appearance; it is generally of fair size, with plenty of room for plants. The galvanized wire patterns are perhaps the cheapest, being much used for cemetery decoration, in which case an iron support, from which they are suspended, is a necessary adjunct. They are made in several sizes. A lining of sheet moss is necessary to hold the soil. These, when in good growth, are a very pretty ornament for the small porch, the plants and vines entirely concealing the network of the basket.

There are a number of designs in terra cotta. Some, fashioned after logs of wood, are unique; others in bowl shape are very practical. Quite a lot of patented designs are offered, fitted with self-watering devices,



WINDOW BOX, BLACKSTONE HOTEL, CHICAGO, 1915.

wrought iron brackets, that screw into the wooden sill, are the most efficient. Where the foundation is level and wide enough, the box should rest on two or three one inch strips to allow for free passage of air underneath, with screw eyes in box and window frame and copper wire to insure its being kept in place. All receptacles should rest perfectly level—most ledges have a fall toward the street to throw off the water, and this must be overcome by small wedges under the iron supports or boxes.

Drainage is an important factor, although as a rule the outside boxes suffer more from drouth than from an oversupply. In filling, an inch of crocks in the bottom gives sufficient air space, and a good half-inch of room at the top, which soon settles to an inch, should be left for water space. Good, rich soil is necessary if plants are to grow and thrive; they are of necessity crowded together and soon present a starved and root bound appearance if the earth is poor. A top dressing with pulverized sheep manure is a good stimulant when the tired look comes on.

There are four periods in the year when the box may be filled. Starting in late winter or early spring, the dead boxwood or evergreens give way to pansies or daisies, which give life and color until all danger of frost is over, when they are in turn succeeded by the bright hued geraniums and marguerites with variegated vincas or ivies for vines. The best varieties of geraniums are: Reds—Alphonse Ricard, S. A. Nutt, Helen Mitchell and Trego. Pinks—Beaute Poitevine, Jean Viaud and Mrs. E. G. Hill. Mme. Buchner, is the best white. There are other good varieties, but these are tried and true in their colors.

tions that many of the boxes have to stand, most of them do not last. They are pretty at the start, but go down with the first hot spell. Even the more sturdy geraniums get seedy looking about the first of August, and then is the time to replenish with Scottii, Scholzelei, or almost any of the dwarfier growing variations of the nephrolepis. While a box filled with all ferns, is generally satisfactory, lasting well until frost, life and color is given by the addition of Pandanus Veitchii, Dracena terminalis or some of the bright colored crotons. A pretty feature has recently been added in white or green trellises the width



WINDOW BOX, CITY HALL, CHICAGO, 1915.

sponges in the bottom of the soil containers, connecting with reservoirs of water beneath. These have been found to work very well if the supply of water is kept up. This class of baskets is made of galvanized iron, painted in various colors, and are quite durable.

The varieties of plants that can be used, covers a large range, depending

of the cheap wire baskets, which, with a week's growth will present a very good appearance. A circular to the customers and to those who are looked upon as possible buyers, offering these for a short time at bargain prices, will generally clean them out, showing a very good profit and at the same time adding substantially to the list of customers.



WINDOW BOX, CHICAGO ATHLETIC CLUB, 1915.

on the size of the basket and the space in which it will hang. The various varieties of the Boston fern are satisfactory in themselves. They do very well in these aerial holders, provided they do not suffer from want of water. At times through the season, applications of liquid manure, after they become root bound, will be found beneficial. Where color is desired, almost all the dwarfed growing bedding plants can be used—verbenas, petunias, neurembergias, lobelias, sweet alyssum, trailing abutilons, ivy geraniums, parlor ivy, English ivy, variegated periwinkle, dwarf nasturtiums and many other popular plants of like character to be found in almost any of the greenhouse stocks. Center plants, such as *Dracenas indivisa* and *terminalis*, crotons, coleus, geraniums, etc., are desirable in the larger baskets. When possible, after filling, there should be a week's stay in the greenhouse, which gets the plants straightened out and gives them a start in their new environment.

A great convenience in watering and handling is to connect each pair of baskets with a stout cord, running through pulleys attached to the ceiling of the porch. These balance each other. When watering one basket is pulled down, immersed in a bucket of water until saturated, then raised from the bucket and allowed to drip for a while, the other being treated in the same way. This requires no step-ladder or particular exertion, its convenience insuring better attention.

At the end of the season, with stock for this work still on hand, a clean up sale can be made by filling a number

The Trellis Box.

Several years ago there was originated in Germany, the trellis box. Considering its popularity and its practical uses as an ornament for the house, its simplicity is surprising—just a box of oblong pattern, the smallest size being about six inches in length it would not have been noticed. It

was just like any other box only smaller. But presto! Someone thought of adding a small trellis on which and two inches wide; as a plain box vines could be trained; instantly the finished article became a commercial success. When presented to the progressive storekeeper, the order was for "all you have." When these were disposed of he set his men to making more. With the falling off of imports American manufacturers have been induced to make them and offer a number of additional sizes up to 24 inches or longer in length and of varying heights of trellis. The miniature boxes with a small ivy or two, trained to the trellis caught mostly the eyes of the children, who were not satisfied until they had one to take home. The larger sizes are filled more pretentiously and they make a splendid Christmas or Easter article, as with the gay blooming plants of these seasons they can be made very showy and attractive. With the ivied trellis as a background everything shows to the front and is thus doubly effective for in the plant baskets most of them are filled on both sides, although only one side can be seen at a time. There is nothing better than this trellis box as a novelty and quick selling article for the store.

Dutch Agriculture.

Last year's crops were poor in many parts of Holland, especially in localities where the soil is sandy, owing to the lack of artificial fertilizers, phosphates, calcium salts, etc. The sugar beet crop was spoiled on account of the difficulty of importing nitrates. All these are imported from the Americas and from Germany, the latter country being unwilling to export such chemicals to Holland except in exchange for goods which she needs and which England does not let come to her. Special negotiations with England had to be entered into in order to get permits for such exchanges in individual cases. The vegetables and fruit crops were exceptionally big, permitting Holland to get many needed commodities from Germany in exchange for them.

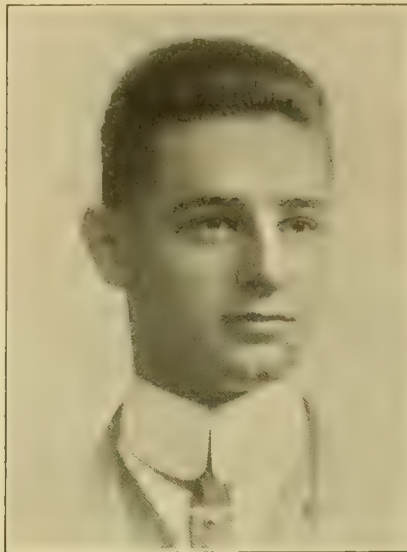


WINDOW BOXES, CHICAGO TELEPHONE CO.'S BUILDING, 1915.



C. Albert Small.

J. H. Small & Sons, New York and Washington.



J. H. Small, III.

J. H. Small & Sons, New York and Washington.



J. H. Small, II.

J. H. Small & Sons, New York and Washington.

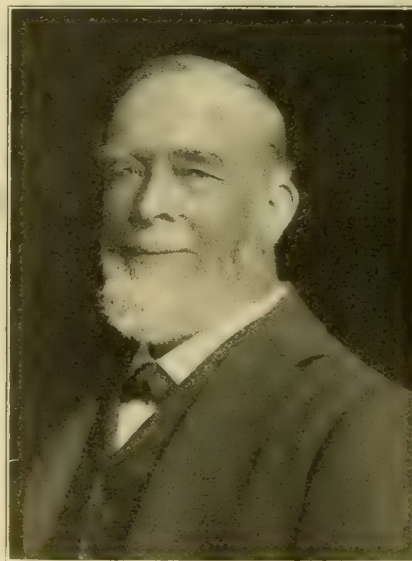
THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

J. H. Small & Sons, New York.

The accompanying illustrations are of the interior of the new retail store of J. H. Small & Sons, Madison avenue and 52d street, New York, which is said by men who have traveled extensively among florists, to be the finest retail store in this country. As will be noted, at the main entrance there is a miniature sunken garden with a picturesque fountain in the center. The entire scheme is intended to present a replica, so to speak, of a garden in the grounds of a fine estate. It will further be noted that the broad stairway ends at what is a good representation of the portico at the entrance of a dwelling. Another noteworthy feature is a mezzanine balcony, or gallery, from which a good view may be had of the garden. This balcony will be kept finely decorated, as it now is, with flowering and foliage plants. There is now a very lavish display throughout of plants, most of which, the cibotiums excepted, were grown at their Washington greenhouses. On the Madison avenue front, there is an attractive reception and writing room.

This firm has a very interesting history. It was founded in 1855 by John H. Small, the 1st, at Washington, D. C. It may be added that a stroke of enterprise by the founder, then a young man, gave it great popularity. Lord Lyons was then British minister at Washington. He had been sending to Paris for artificial flowers to decorate his table. Mr. Small persuaded him to discard them and use natural flowers, offering to supply them, which he did, and it is said that for some time he did it at a financial loss, but it made him a great reputation as a decorator, and thereafter Small was a name to conjure with in the diplomatic and fashionable world of Washington. John H. Small, the 1st, who was a skillful landscape gardener, as well as a florist, died a number of years ago at an advanced age.



The Late J. H. Small.

Founder of J. H. Small & Sons.

For many years the Washington business has been conducted by John H. Small, the 2d, a very clever and able man. One of his Washington competitors in the business once remarked to the writer: "There are plenty of men in congress who cannot make as good a speech as Henry Small." In masonry, he is a Past Grand Master of the District of Columbia. Twenty-four years ago this firm opened a store at 1153 Broadway, New York, with a branch at the Waldorf-Astoria hotel, where they had remained until their late removal. This business has been conducted by Charles Albert Small, the other brother and member of the firm. C. A. Small has been spoken of as "a quiet man who minds his own business," and the results show that he has minded it well. On the social side, he is kind and generous and popular with the public and his employees. New talent that will greatly assist this firm, particularly in its landscape work, is that of John H.

Small, 3d, son of John H., 2d, who is a graduate of Cornell University, and later spent two years in Europe studying the details of the most famous gardens and grounds of great estates.

A. F. F.

Managing A Flower Shop

How to manage the business of the retail flower shop with the greatest efficiency, is a problem that will ever be in the solving, for no man feels but what he might have done better had he given more attention to detail or kept a closer watch on the buying. Take for instance the small store where the volume of business is from \$10,000 to \$15,000 per annum. If the location is in a high-class residential district, the stock carried will have to grade well up, for people of wealth generally like the best. Buying will have to be well balanced with demand, or the profits of one day will be offset with the losses of the next. In the matter of expense, the rent of a suitable store in, or on the fringe of a small business center, is not excessive—from \$500 to \$750 per year is about the range. Bright young women and young men wanting to learn the business make cheap and efficient help.

When the season is on, it behooves the proprietor to be ever on the alert; his customers are much more fastidious than the middle class, and as the number is limited, he must get into personal touch with each of them, and gain their confidence to such a degree, that they will leave their order for stock not on hand. To do this requires close application, one must be almost always on duty in the store, ready to meet customers or answer telephone calls; subordinates may be very competent, but Mr. or Mrs. Particular want the proprietor, and the order is frequently lost without his being there to take it. His outside appointments should be made, if possible, for periods before or after the shopping hours of the day. He must keep in mind the long, lean months of summer when his clientele close their city homes and disappear, and get his profits for the year before they go. Then can he take his well-earned rest and

J. H. SMALL & SONS' NEW STORE, NEW YORK, FROM THE MAIN ENTRANCE, 505 MADISON AVENUE.



recreation. There is no better way to increase the business than by weekly or semi-monthly letters to customers, keeping them posted as to the changing flowers of the season. They may for one reason or another try elsewhere, but the frequent little bulletins keeping them in touch, through him, with what is in the market, is almost sure to win them back.

The methods that control every successful retail business will insure a clean, bright store, with goods well arranged and windows kept bright with samples of the best in the shop artistically displayed. Prompt and careful delivery, next to fresh stock, is a most important detail; more business is lost from failure here than from any other cause. Nothing is more annoying to a customer than to have to telephone for flowers not on time. Several offenses of this kind and the valued patron is gone. Efficient service is absolutely necessary in the flower business; everything handled is perishable and must be delivered as ordered, not before or after, but at the time specified. There are times when an hour or two before or after does not matter, but when the chance is taken and trouble arises, the result is often serious. The habit of getting everything out on time should be cultivated to a degree, for as the old adage says, "Punctuality is the life of trade."

K.

Electric City Conservatory Gt. Falls, Mont.

The Electric City Conservatory, always up to the minute in its advertising, is presenting to the people of this city a miniature reproduction of the \$40,000 natatorium, the gift to the city, as a memorial to John G. Morony, late banker and capitalist. The reproduction is exact and shows the natatorium with its latticed fence, walks and vines. A picture of a section of the city, showing several prominent buildings forms the background. Chas. A. Burrell, president of the Electric City Conservatory, deserves much credit for the clever idea, which has been the subject of much favorable comment by both press and public.

NEWPORT, R. I.—William Jurgens is making alterations at his establishment on Butler street.

PLANT NOTES.

Asters.

The early and midseason asters should be planted out as early as the season will allow. If the plants are hardened off for two or three weeks in a cold frame and gradually given night air as soon as safe, they will endure the outside temperature much better than those carried directly from the warm greenhouse. The land should be prepared at once, and while asters will grow on almost any piece of ground the success or failure depends much on the proper preparation of the soil. Land that was manured last fall and plowed is by far the best, and all that will be required in the spring is a shallow plowing or disk-ing and then leveled. It is well not to level off too large a tract at once, for heavy rains occur at this season which pack the soil down hard. Before planting give the young plants a thorough watering and if in boxes or the bench cut through the rows with a knife a day before planting. Lay the field out in rows from 15 to 20 inches apart, giving the branching varieties the greater distance, with a wider space every fifth or sixth row to provide a walk when cutting the flowers, and set the plants from 12 to 18 inches apart. Plant with a trowel, for the plants set in a dibbled hole will not take hold as quickly, and with the early asters the slight difference in time taken in planting is more than made up in the early blooming; the dibble packs the soil around the plant and the roots do not grow into it as freely, and the roots are also contracted in the small hole made by the dibble. As soon as the field is planted, if possible, give the plants a good watering and then cultivate lightly with a wheel hoe to loosen up the soil.

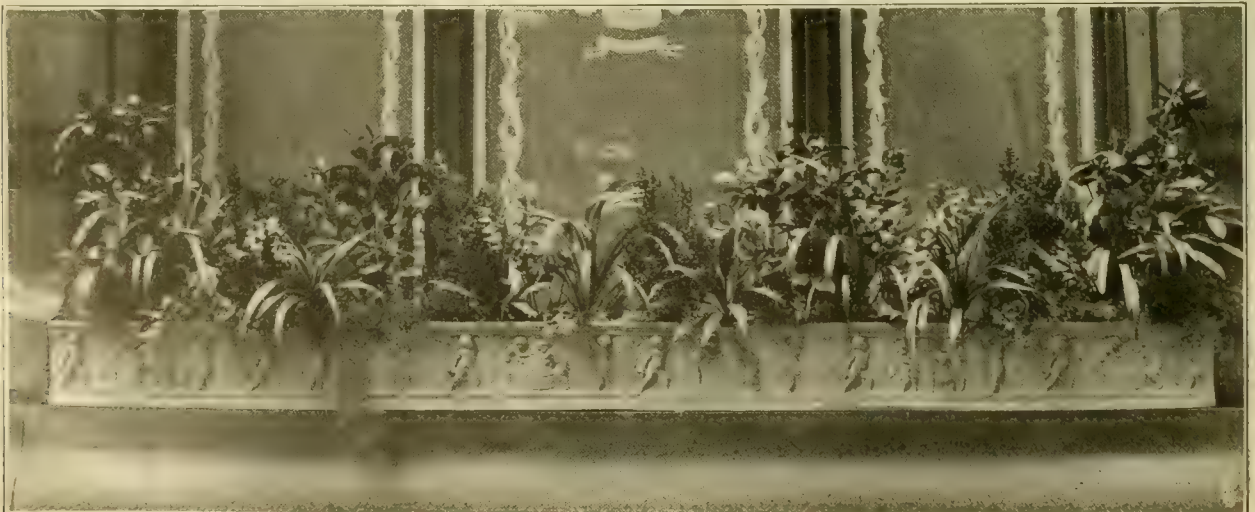
Rambler Roses.

The rambler roses for Memorial day will demand constant attention, for at this season of the year aphids and red spider increase very rapidly if the conditions are propitious. It is far better to keep these insects down by proper culture than to be obliged to

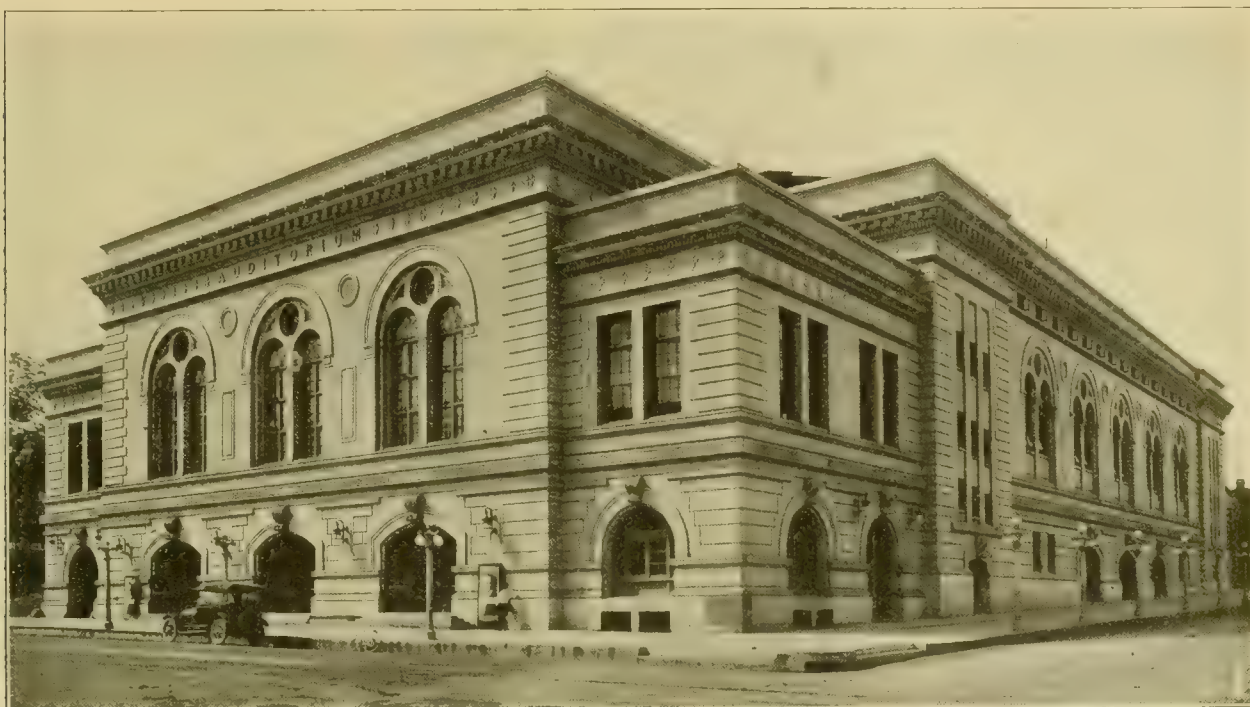
resort to measures to kill them. Give the plants all the ventilation possible, but drafts will often cause mildew on the soft foliage, so these must be guarded against especially, and low ventilation, such as open doors with the wind drawing through the houses. Syringe thoroughly on bright days. There is no better prevention for red spider than a good syringing that will reach the under side of the leaves, which will quickly break up the colonies of spiders that gather there. If the plants require fumigation it should be light, for often the young foliage is very tender and heavy fumigation with smoke quickly burns it. Where the pots are full of roots a watering with liquid manure or a mulch of sheep manure mixed with sifted soil will be found very beneficial and will add a lustre to the foliage and deepen the color of the flowers.

Primulas.

For plants of both *P. sinensis* and *obconica* for blooming next spring, May is the best time to sow the seed, which germinates very readily at this time, but if this is delayed until June it will often be found quite difficult to get the seed to start well, and as the young seedlings grow very slowly they will require constant attention during the warm weather, for a few hours' sun when they are dry will cause the loss of all the plants. The soil should be sifted in a fine sieve as the seed is very small and they should not be covered with the soil, but sown thinly on the soil when loose and then pressed flat with a board. Watering should be done with a very fine rose on the can so as not to wash the seeds or soil. At this season of the year the seed will germinate readily in almost any greenhouse, but it is well to cover the seed pan or box with glass to prevent too rapid evaporation and until the plants begin to make growth keep the pots well shaded. Many growers wrap a piece of paraffine paper around the glass that is placed on the seed pan. This allows plenty of light to germinate the seed and will prevent the direct rays of the sun from burning up the young seedlings when they start to grow. As these young plants grow very slowly some soils will often become caked or



WINDOW BOX, LA SALLE HOTEL, CHICAGO, 1915.



S. A. F. CONVENTION HALL, HOUSTON, TEX.

scaly, and if this occurs the top should be carefully broken up to allow the air to enter. As soon as three or four leaves are formed pot in $2\frac{1}{2}$ -inch pots, not too deeply, but yet deep enough to have them stand erect. They should then be placed in a cool house and much of the success of their culture depends upon the care and watering in their early growth. They are a moisture-loving plant and should never become dry, yet they are easily over-watered and will not make a good growth if continually kept soaked; frequent and light waterings are the best. A lightly shaded frame with the pots plunged in the soil and the sash lifted at top and bottom for a free circulation of air is the best location for summer culture.

Marguerites for Winter.

To have good marguerites for winter flowers the plants must have a good start in the spring. For large plants the stock should now be in $2\frac{1}{2}$ or 3-inch pots and growing vigorously, but if the cuttings have not been made they can now be propagated in a cool bench and good-sized plants grown, or stock should be secured at once. Do not allow these plants to become pot bound, but shift them into 4-inch pots as soon as they require it and pot very firmly. Keep the plants pinched back that they may branch more freely and keep all flowers and buds picked off. For many years these plants were grown in the open ground, but in some localities they have been attacked with a club root in field culture and inside culture has become necessary for success. A cold frame in which the pots are plunged is the culture successfully practiced by many growers. In late summer they should be potted in large pots, 8-inch or 9-inch, or planted in the bench in good rich soil, so that they will be well established for fall and winter flowering. The plants grown in pots are more prolific in flowering and the size of the flowers can be

maintained with liquid manure. Aphis should be kept down by fumigation while the leaf miner is a very destructive insect if once firmly established, but persistent spraying with strong nicotine solution will eradicate this pest.

Pansies.

The sale of pansy plants will soon be at its height and there is nothing that the florist or grower sells upon which more time is wasted than in selecting a small order of pansies if the customer is shown a frame of a few thousand plants. The better way is to have boxes or baskets holding a dozen plants all made up for the customer. It is not necessary to put up more than will be required for one or two days' sale, but as fast as sold keep the stock replenished. There are many patrons who will be well satisfied with a good selection already placed in a basket who will take an hour of a salesman's time in making their choice out of a frame. Any late seedlings should be planted in the frames at once, and these will make fine plants for late May or June planting when the older plants are either sold or have become too large for bedding purposes.

Callas.

As the summer weather approaches the callas will cease producing flowers and will require a rest to prepare them for another year. They should be dried off gradually until they become "dust dry," when the roots will be thoroughly ripened. If watered the calla will grow all the year round, but plants grown in this way will not produce as many flowers as those that are rested. Those grown in pots can be laid on their sides in the greenhouse until all danger from freezing weather is passed, when they can be removed outdoors, still placing the pots on the side in full sunlight. Those grown on the bench can be lifted with

as much soil as possible and placed under the bench, where they will dry out gradually, and later planted in the full sun outside in a dry location, and as soon as thoroughly ripened, shaken out and stored until wanted to start for another season. The yellow calla, *Richardia Elliottiana*, is being grown more largely and the blooms have been used the last winter in many elaborate decorations. The culture of these is in pots and similar to the older varieties.

American Agriculture Summarized.

A feature of the 1915 Yearbook of the United States Department of Agriculture, which will make it of unusual interest to those who study the production and distribution of products, is the section devoted to a graphic summary of American agriculture. This section contains 78 maps and a large number of tabulations. These maps show graphically by means of dots or symbols the number and cultivated areas of farms, the value of crops, and the rural population in each section of the country. Other maps show for each section the acreage and production of all of the important crops. A glance at one of these maps tells where any crop is being raised on a commercial scale and the amount of that crop produced in each section of each state. These dots, each of which represents a stated quantity, naturally become more numerous as the center of production is reached, so that from the shading of the map, the reader can instantly trace out the primary and secondary centers of production. Following this graphic presentation of agricultural statistics are 175 pages devoted to elaborate tables giving detailed statistics of the principal crops in the United States and foreign countries.

PAWTUCKET, R. I.—April 22 was observed in this city as plant day, and over 22,000 rose and spirea bushes were set out.

Rose Los Angeles.

The new rose recently named for the capital of southern California, illustrated herewith, is described as follows, by Morris M. Rathbun, of the Los Angeles chamber of commerce:

"'Los Angeles' is the name of a new rose perfected after 10 years of experimental propagation by Fred Howard, a well-known florist of the southern California metropolis. The new flower was formally christened by the city council of Los Angeles during a recent flower show, thereby passing from its hybrid cross number 101 to the official municipal flower of the city.

"The new creation also is designated as the 'opal of the flower world.' It is a sturdy bloom, five inches in diameter, of luminous coral pink, shaded at the base of the petal with translucent gold. In fragrance it is equal in intensity to the odor of the finest Marechal Neil.

"One of its strongest points is the exquisite form of the buds and the fully open flower. The buds are long and pointed, expanding into a flower of mammoth proportions, with an ever increasing intensity of color as the blooms mature. They are beautiful in form, from the expanding bud until the last petals drop.

"The new rose has wonderful lasting qualities in a cut state. Flowers grown under ordinary field cultivation will last five to six days, the petals being thick in texture and the whole flower substantial to a high degree. Los Angeles is one of the best growers in the entire family of roses. It produces an endless succession of flowers from early spring to late autumn. The plants, when once established, send out strong shoots from the base, which attain a height of from four to five feet in two year old plants. Each of these shoots is crowned with magnificent blooms. With the passing of the terminal blooms, strong laterals issue from the eyes of these stems and furnish additional flowers.

"One bad feature of many roses is eliminated in Los Angeles. This is

their liability to mildew during dull weather. It is claimed for the new rose that it is absolutely mildew proof. Under the harshest weather conditions it maintains its vigorous growth and healthy foliage."

Economics of the Flower Business.

A paper by Alexander J. Guttman, New York, read at a meeting of the New York Florists' Club, May 8, 1916.

Mr. President and Gentlemen:

At the outset allow me to assure you that I am aware of the fact that by attempting to review the economic condition of our business, I have bitten off a very large chunk, but since I believe in not being afraid to undertake the solving of a problem, though I may fail, it is better to have undertaken and failed, than never to have undertaken at all. In this spirit I am making the attempt. Allow me further to assure you that my prime motive in addressing you is not prompted by criticism, but rather by the spirit of up-building and development. I am too old a veteran to hope not to be misunderstood by some, not because what I may say is difficult to comprehend, but because experience has taught me that all the problems of life are really very simple when we have found the proper angle from which to approach each problem. Further, because I find after careful study, that the general economic condition of our beloved country, from whatever cause, is to-day such as to have developed many men lacking in faith and optimism. Another factor of tremendous importance is the very poor quality of mental food doled out to us, due to the low standard of efficiency, prevailing in the journalistic profession, excepting of course the trade press. Surely you have all noticed it, especially during the past 21 months.

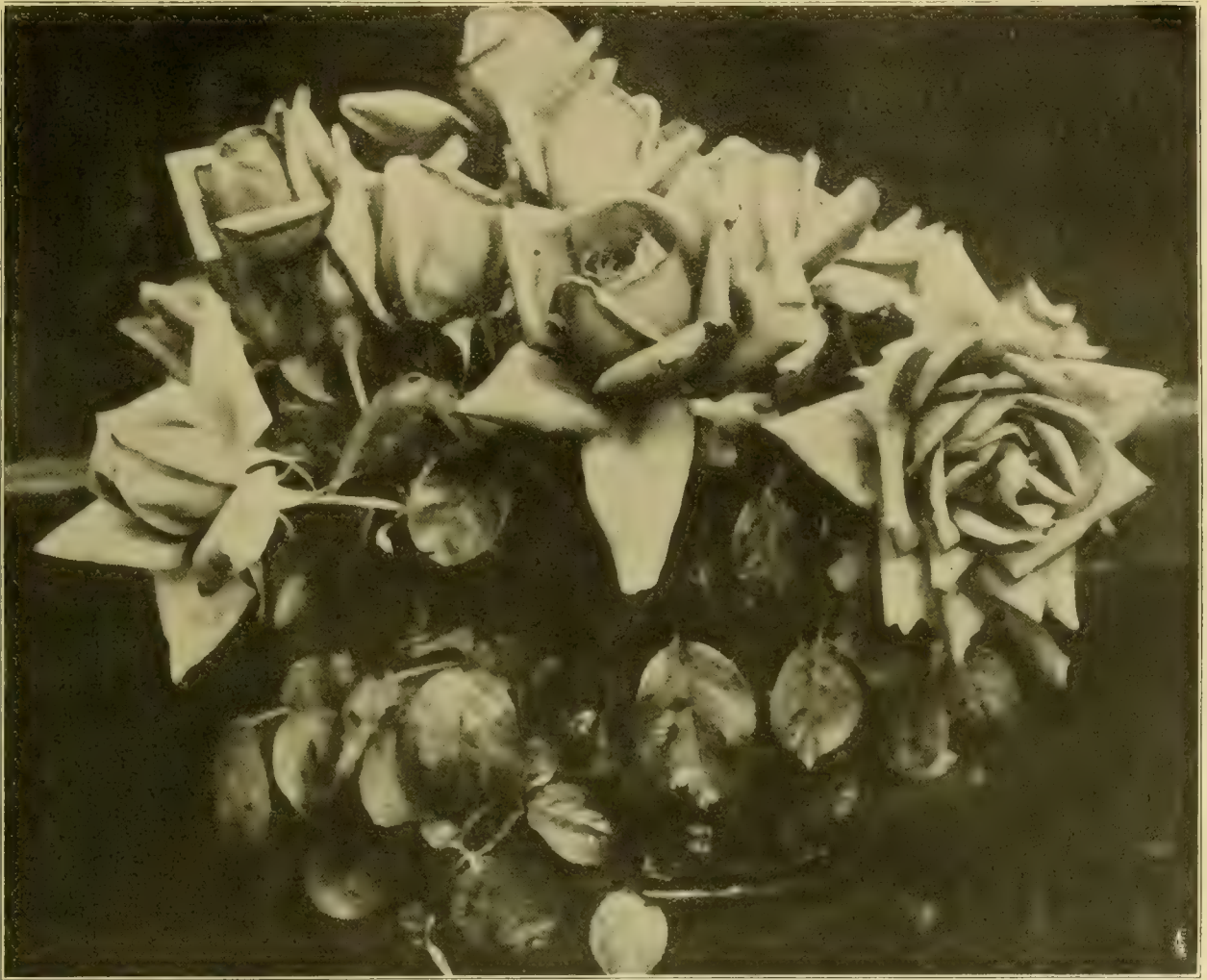
The merchants of a nation occupy a very important position and wield a tremendous influence; so does the press. Merchandising, though simple, is a science. General trading is a science and an art. The principal aim in life should be to live wholesomely and in order to so live, every intelligent being chooses a vocation. And

this existence, both morally and economically, is according to his intelligence. This we all must concede. We, as horticulturists, know beyond a question of a doubt, that to obtain a healthy and prolific plant it is necessary to first sow a healthy seed in good soil. Just so it is impossible to develop a sound and true mental picture of anything without having first absorbed good and wholesome food; whatever condition may exist, or the economic condition of our business that exists at present, is the reflex of that which has gone before, a reflex of the economic structure of the whole country, a reflex of the condition of the minds of the majority of men engaged in general merchandising and trading.

Unfortunately only a very small percentage of men are ready and eager to assume responsibilities. Probably they are afraid of obstacles and have not enough confidence in themselves to overcome these obstructions. If they only knew the great mental and material benefit to be derived from working out of a difficulty, for that is the only way to obtain valuable experience; that is the way to learn to distinguish the good from the bad, wisdom from stupidity, the wholesome from the unwholesome and best fit oneself to become a wise leader and builder. I dread to think of the great mass, who having had but limited experience, in whose minds so much bad seed is being planted by the distorted and unwise mental food contained in the majority of daily publications, plus weekly and monthly magazines, and also by books written purposely to confuse the mind rather than to enlighten. The fault must be charged to the so-called leaders of our country, who in the great majority of cases are really only politicians, rather than constructive statesmen and philosophers or masters of economics. Merchants, teachers, editors, public officers, the clergy, in fact all men holding positions of influence and trust, ought to be students of economics. Perhaps the fact that our country, being comparatively young and unfettered by conventions, with its enormous natural resources and elastic laws, is in a great measure conducive to full play of individualism. That, to



LILIES AT CONSERVATORY OF ROSEMONT GARDENS, MONTGOMERY, ALA.



NEW ROSE LOS ANGELES.

my mind, accounts for the rather loose, and in many respects impractical, working conditions existing in most businesses as well as ours. I emphasize these points for the purpose of showing that there is no special cause for criticising the working conditions of our business, our industry being yet so young. It is, however, meet and proper that we, a body of merchants, knowing the value and importance of sowing good seed, make due endeavor to build healthy and practical working conditions.

Looking back 22 years I can see the marvelous progress made in the development and increase of varieties of plants and cut flowers and in the so-called ornamental branch of our business, as well as in the general distribution of the stock from grower to the public; also in the working conditions for employees as well as employers, due primarily to the early pioneers to whom we must give great credit and honor for their foresight, diligence and perseverance, and to the various horticultural organizations. Whatever recommendations I shall make are so made in good faith, with malice towards none, feeling and believing that there is great room for improvement in our economic structure; further, that such improvement can only be obtained by intelligent and practical co-operation, combined with the spirit of idealism. The principal is so simple, works so automatically. Some call it the new thought, the advance thought. It is an axiomatic truth, that by building for your-

self, you automatically build for others. By tearing down others, you automatically destroy yourself in time. No matter how scheming and formidable a man may be he cannot harm others without harming himself. It may take a generation or a lifetime, but there is no escaping ultimate destruction, and I am not superstitious. A man who is vindictive, over suspicious and shortsighted, cannot be a builder in the true sense of the word, not forgetting, of course, that one must be cautious and reasonably conservative. The man who is successful in life and constantly grappling with new and interesting problems, has no time to nurse a grudge; also, men must learn that it is useless to try to keep down, or in other words, to retard the progress of a formidable individual. It is safer and better to think and act along the lines of the thought and policy of live and let live.

In this country progress is made by leaps and bounds—the small man of to-day is the big man of tomorrow, and it behooves every merchant to avail himself of all opportunities for the advancement of his own interest, even though he may feel that in doing so, he would also benefit his contemporaries. When approaching my subject, "The Economic Structure of the Flower Business", I feel that I could not do so comprehensively from any other angle than that of the economic condition of the entire country. I realize that my task is not only difficult, but so vast that compared with a large field, approachable from so

many different angles, I do not know with which phase of the question to commence. I am trying to keep in mind also the fact that you, Mr. President and gentlemen, are voluntary listeners and I must not talk too long, for fear I may tire you, therefore, I will discuss only a portion of the many phases. This brings me to one of the phases that I will discuss, which in my opinion is a most important problem, important because to my mind it is a practical and economic medium for the further great development of our art and industry. I refer to the question of flower shows.

Of all the arts, none is so universally wholesome and inspiring, none so universally appealing as the culture of flowers and plants. The human mind when in distress, when ill, when in need of a helpful thought, will respond more freely and gratefully to the flower than to anything else. As an industry, floriculture, together with its necessary accessories, can surely be regarded as legitimate. To make the flower show act as the powerful agent it is intended to be, it is to be hoped that each ambitious and faithful member of our craft shall avail himself of the great advantage thus derivable. The clear duty of each individual, and each of our various organizations, is to co-operate in and conduct these shows in such a manner as to encourage a great many exhibitors as well as a large attendance. Box office receipts should only be a secondary consideration. In

other words, the educational benefit to be derived by the public from these exhibitions should be the only or chief consideration, for in that way the trade as a whole would benefit thereby to the fullest measure. For instance, instead of only a handful of growers, seedsmen, retailers and ornamental horticulturists being represented, the majority in each of these branches should have exhibits, or rather, I would say that they should to a greater degree rise to this occasion and fully appreciate its tremendous importance and benefit. It was a great shock to me to find such a small number of growers, nurserymen, seedsmen, retailers, etc., represented at our recent show. I had hoped that the craft would recognize and be eager to avail itself of this great medium for the general advancement of our business, and I warn the craft in general, that they should not miss a great opportunity whenever it presents itself for general progress. Can you not see that our great leaders and most progressive men are giving much energy and attention to shows? I am not familiar enough with the general course and management of the recent show to say where the fault lies. The fact is clear, however, that only a small portion of the craft was represented. Let us hope that next year this will not be so; that the craft will avail itself of the chance. The newspaper publicity, on the whole, was anything but comprehensive and dignified. Here again is abundant evidence of our loose and inconsistent economic structure.

The newspapers could with proper guidance, act as a medium for wholesome and instructive information to the public. I know it is difficult to work with poor material, or rather with incompetent artisans, but feel that it is not impossible to remedy this fault. I also cannot believe that the management needed to lack timely and voluntary assistance, because I cannot imagine any member of the craft declining to do his mite when requested.

The show, as a whole, was fairly satisfactory. The quality of stock shown was excellent, but it was not enough of a competitive exhibition. The fact that more growers were not

represented may be charged up to the National Flower Show at Philadelphia, but to my mind there was little or no excuse for the lack of enthusiasm shown by many of the craft, especially by our foremost retailers. Retailers, wake up! Good wholesome advertising you should do, you must do, if you want to stick and advance. You should not let this great chance go by without availing yourself of it. Right here I wish to make another suggestion to the management, that a working condition be adopted, whereby the retailers could receive the full measure of co-operation. Each retailer occupying space should be able to send invitations to as many people as he wishes. Those not occupying space can pay a certain sum. These invitations to cost but little to retailer, should be printed in nice style and be uniform. We should not be far-sighted merchants if we aim first—to



A. J. Guttman.

Guttman & Raynor, New York.

make money out of the show itself. We will not only not make money, but we will have sown poor seed, and while a few master-minds among us may benefit temporarily, the craft and industry as a whole will be harmed, and these few master-minds will be borne down with the rest. Everything should be done in keeping with dignity and artistry. This leads me to another suggestion that premiums should be more attractive and that all prize-winners be compelled to renew the blooms during the whole period of the show. It was positively disgusting to see so many vases of passe blooms. While I was responsible for a number of exhibits, though I did not renew the blooms, I fully resolved that another year I shall positively renew the exhibits as often as necessary. The management should not allow blue ribbons to remain attached to stale stock. It is not conducive to enlightening or educating the public, as many people cannot get to the show during the first days. This is not said in a spirit of criticism, for we all learn by experience, and I also belong to that type who are grateful when someone takes the trouble to teach me. We all can learn, and when a man gets so that he will not accept knowledge, he is passe as a useful member of the craft and community. The flower show management should welcome exhibits, should encourage them by every means and by every act. If favoritism must be played, well and good; that is up to the management, but no rule should be made that might discourage a prospective exhibitor, and even in some cases exceptions can be wisely made. Red tape is necessary, but often acts as a burden whether they be growers, seedsmen, wholesalers or retailers, so long as they belong to the profession and have meritorious blooms to exhibit. I do not infer that the management was or is incompetent, but hope they will benefit by past experience and remedy defects, and also trust that they will not take exception to suggestions. Great men have continued to learn until the end. Nothing and nobody is perfect. No one man has the only remedy for all ills. We can only hope to be nearly perfect and by adding our own experi-



GUTTMAN & RAYNOR'S WHOLESALE STORE, NEW YORK.

ence to that knowledge which we gain by reading and learning, it is bound to help us; to be valuable to ourselves and to the community.

Another phase that I feel I must touch upon is the question of the distribution of stocks. Taking the whole situation under close scrutiny, the grower in general is undoubtedly occupying by far the most secure position, due primarily to the fact, that he is an artisan, and economically speaking a greater productive power than the trader. The trader or merchant, owing to the fact that the average trader is a greatly inferior productive power, automatically confusing and discouraging, or destroying a possibly healthy and scientific working condition, often places the whole trading wing of the craft in a difficult and impractical position. I am thoroughly convinced that but rarely do we find a talented artisan who is also an able trader. Growing and trading are two quite separate and distinct arts, and just as it takes years of experience to learn to combat difficulties that arise in growing flowers and plants, so also does it require years of experience to combat the various difficulties and problems that arise in the trading of the products. I will cite two items of comparatively recent date, items that give clear opportunity for showing how great a stride can be made toward intelligent and advantageous co-operation. First: I will refer to the congested condition of the market at Easter, 1915, due to the snow storm and for sometime after, when, if all the wholesalers could have agreed, by some concerted action to discard the left over stock, thereby bringing the market conditions back to a normal state. There were then abundant evidences of a good market, also right along before Easter. As it was the market remained paralyzed for a month after that, due to the accumulation of stocks. Second: Only recently the retailers emphatically voiced exception to the wholesalers selling to other than retail florists, and I approved of the stand taken by them. On the other hand, it is a fact that very few retailers did not then, and would not now, obtain stock direct from the grower, thereby automatically and unnecessarily robbing the commission man of what, in my opinion, are his just commissions. See how inconsistent that is. Under the existing, and at times more or less chaotic condition of the business, which imposes a hardship on the commission men to do business on a 15 per cent basis, to do business in such a way as to bring out the best efforts, is no sinecure, and I feel positive that a large proportion of the commission men, if the truth be known, could testify that it is not possible to earn an income above an amount necessary for a respectable living on a 15 per cent basis; hardly earning enough or that could be considered commensurate with the responsibilities and risks taken, and untiring energy put forth in the distribution of the stocks in order to obtain the highest possible market prices. I insist that if the commission men would use every aggressive method, generally accepted as wise by progressive merchants, they could reduce their selling expenses; by selling in bulk, often at great sacrifice (selling in bulk when market is glutted acts as a great advertising medium), but this method would not always be in line with best endeavor, and while the wholesalers may save on the item of selling expenses, the consignor will positively be the chief sufferer thereby. While some wholesalers may encourage selling to outsiders, I firmly

believe that the far-sighted ones, those who are tried and experienced merchants, do not encourage and engage in selling to other than retailers. There should be a greater degree of mutual understanding and confidence among the various groups in our business.

So in closing, I say I thoroughly believe that the three groups, the grower, the wholesaler, and retailer, by co-operating, could materially enhance the whole industry. Each is necessary to the other. Each has his special function and is a vital unit in our whole economic structure. Volumes more could be written on the subject, but I feel that I have covered a good deal of the ground, while not very thoroughly, still to the extent that my thoughts may inspire our leaders to make an honest effort towards further wholesome progress, and in my opinion this can only be accomplished by approaching and treating each question from the principle of merit.

Boston:

BIG SUPPLY AND SMALL DEMAND.

During the past week business was very dull. There was little demand, and with a large supply coming in prices fell off and large lots were cleaned up at very low figures. Roses were in very heavy crop and suffered most of any line. There were large lots sold for \$1 per 100 and less, but good fresh flowers brought from \$2 up. Carnations held up as well as any flower, as growers are holding back their stock to some extent for Mothers' day and there does not seem to be a very large crop obtainable. Prices were \$2 to \$3 per 100, according to quality. White varieties found the best market. Snapdragons and yellow marguerites seem to be somewhat overdone this year. Nearly every grower has a few of each and the result is an over supply with low prices. Flowers that are above the ordinary standard sell very well, but the larger per cent is inferior and does no more than to drag down the price of good flowers and help fill the market. Sweet peas continue to be good sellers as there is rather a short crop and the retail trade demands more than usual. From 50 cents to \$1.25 per 100 was received for them. Bulbous stock does not cut much of a figure now, seeming to wane in popularity, as their season closes. Good Victorias move fairly well, but tulips, hyacinth, etc., sell very slowly. Easter lilies are plentiful and sell very slowly, \$2.50 to \$5 per 100 being about the limit in price. Lily of the valley is scarce, but there is not much call for it. Growers are bringing in their crop for June business.

NOTES.

Wm. Marshall, who until last week was employed by the R. E. Wadsworth Co., of Westboro, has become a partner in the firm. Mr. Marshall has been with several of the well-known Boston growers as superintendent, having been with Wm. Nicholson for some years, previous to his connection with his present partners. This firm is cutting a nice lot of carnations at present, their Gorgeous, Pink Sensation and dark red seedling, Samuel Wheeler, being very fine quality.

Samuel Wax and Al Walsh spent an enjoyable week end at Lake Winapausaukee on a fishing trip. Mr. Wax had all the luck, catching one five-pound, one three-pound and a one and a half-pound lake trout.

The Waban Rose Conservatories, at Natick, have added an auto truck to their delivery service.

F. L. W.

New York Florists' Club.

The club met in its rooms in the Grand Opera House building on the evening of May 8, President Weston in the chair. A. L. Miller reported on "New York day" at the National Flower Show, Philadelphia, which was a very enjoyable and successful excursion. There were 181½ fares on the trip, children going at half rate. Patrick O'Mara said it was a gracious act for the New York delegation to go in a body and that they were royally received. Wm. H. Siebrecht, Sr., spoke along the same lines. There was some discussion relating to a flower show in this city in 1917, and the president was empowered to appoint a committee of conference.

A resolution introduced by Wm. H. Siebrecht, Sr., was adopted, authorizing the appointment of a committee to examine all imported bulbs damaged in transit from foreign ports, the companies insuring shipments refusing to underwrite risks unless a committee of the New York Florists' Club will make a proper adjustment possible at the port of New York. The same request was made of the S. A. F. & O. H. for committees in other cities. A vote of thanks was tendered the Lord & Burnham Co. for cups given as prizes for the recent dinner-dance.

The following members were elected: John R. Walsh, 335 Broadway, New York; Albert Lahodney, Brookville, L. I., N. Y.; Dennis Kenna, of J. M. Thorburn & Co., New York; Cecil Davis, Flushing, N. Y.; A. Brundage, Rockville Center, N. Y.; Geo. Jenkins, of Wanamaker's, New York; Charles Brandt, of Hotel Manhattan, New York.

Alexander J. Guttman read a paper on "Economic Conditions of the Florists' Business". It was well received, and he was accorded a vote of thanks.

President Weston will shortly appoint a committee to obtain all the necessary information as to a suitable building in which the convention and trade exhibition may be held, should New York be so fortunate as to secure the S. A. F. convention of 1917.

A. F. F.

Washington, D. C.

MARKET BADLY OVERSTOCKED.

A big drop in prices was a feature of trade conditions during the past week. Carnations can be had from \$10 to \$20 per 1,000, while with roses it is simply a question of what variety you want. The market is so badly overstocked that price is a second consideration. Lily of the valley and orchids seem to be the only scarce items. Sweet peas are wholesaling from 50 cents to \$1.00 per 100 for the best Spencer varieties. Gladioli are becoming more plentiful and the price ranges from \$4 to \$8 per 100.

NOTES.

Some very fine window displays were arranged by the trade during Horse Show week and business was more than satisfactory. The show is an important annual spring social event and there were many elaborate table decorations, both for luncheons and dinners.

M. J. McCabe is sending in some very fine baby gladioli; also some extra fine roses, including Killarney in both colors and Richmond.

O. A. C. Oehmler reports business as very satisfactory both in decorations and funeral work.

Geo. Lavelle is supplying the market with some exceptionally good irises in all colors.

G. C. D.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

1440S. Dearborn St., CHICAGO

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ROSES of the newer forcing sorts in grafted stock are scarce. Russell and Ophelia are hardly to be had.

FARMERS' BULLETIN No. 721, issued by the department of agriculture, is devoted to "The Rose Chafer", eight pages with illustrations.

IMPORTERS will be interested in the recent orders in council of the British authorities covering the more expeditious manipulation of shipping documents, details of which will be found on page 908.

THE date of Easter next year will be April 8, about two weeks earlier than this season's festival (April 23), which has not fallen so late since 1905 and will not be so late again until 1943, when it occurs April 25.

The Boston Show.

The grand exhibition of the Massachusetts Horticultural Society opened at Horticultural hall, Wednesday afternoon, May 10, and displayed the best and largest variety of exhibits ever staged at this season. Secretary Rich stated the entries were more than twice in number that of any previous May meeting. It might be called a feature show, there was so much quality in nearly everything. The lecture room held Thomas Roland's fine group of Rambler roses and acacias, F. J. Dolansky's bank of orchids, other large groups, schizanthus, bouganvilleas, pelargoniums, F. R. Pierson's fine roses, and Penn's table of handsome baskets. In the loggia were arranged hydrangeas, calceolarias and azaleas. The stairway to the lower hall was lined with standard geraniums and fuchsias with wonderful baskets of the latter overhead. Immense groups of rhododendrons and a variety of plants were arranged for effect along the walls with center beds of hydrangeas, azaleas and a wonderful grouping of Japanese evergreens from Mrs. Larz Anderson. Farquahar's evergreen garden, very well done, occupied the end of the hall. The cut flowers were staged in the small hall adjoining, the feature being the Sim collections of sweet peas and pansies, all superb flowers. H. W. Locke's vegetables, bulbous stock, magnificent plants of hybrid calceolarias, and choice verbenas were in place at noon, with more stock coming in than could be properly accommodated. This undoubtedly is the best May show ever held by the society.

Houston Convention Garden.

I wish to call the attention of the trade to the fact that it is not too late to receive exhibits for the Convention Garden. Our garden is now an assured success. We have a great many substantial exhibits. The members of the trade should avail themselves of this opportunity of putting stock before the florists of the south. Remember that we will have a record breaking attendance from the south.

The southern florists are heavy buyers. This is possibly the richest field for the wholesaler of any sections of the country. Shrubs, evergreens, etc., five cents per square foot, blooming plants 10 cents per square foot. One hundred and fifty to 250 square feet will make an attractive medium exhibit.

Make shipments to C. L. Brock, Park Superintendent, Houston, Tex. Remember the florists of the south expect your co-operation.

R. C. KERR.

Burbank's Standing In England.

A note in the Garden attributing the phenomenal berry to Luther Burbank, recalls a recently noted fact that the company formed to exploit this so-called wizard of the west has been wound up with apparently no more tangible assets than the echoes of the wonderful stories which were built up around the name and reputation of Burbank a few years ago. Of his many creations, the phenomenal berry is perhaps the most durable testimony to his quaint exploits in hybridization. Of the stoneless plum, and the spineless cacti, beside innumerable other fearsome and awesome freaks, contem-

porary history is strangely silent. There is no doubt that Burbank possesses remarkable gifts and it is a pity for horticulture that he was not content to develop them upon the patient and methodical lines of horticultural science. Nature won't be hustled even by a wizard.—British Nurseryman and Seedsman.

The Late Uriah B. Wakeman.

Uriah B. Wakeman, manager of the Detroit Cut Flower Supply Co., Detroit, Mich., died in Harper's hospital, in that city, Monday night, May 1. He had been ill two weeks. Mr. Wakeman was born in Fenton, Mich., about 70 years ago. In his early life he was engaged in the produce business and entered the wholesale florist business about 10 years ago. He is survived by two brothers. His wife died several years ago. J. F. S.

American Institute of the City of N. Y.

The American Institute of the City of New York and the American Dahlia Society will hold an exhibition of dahlias in the Engineering Society building, 25-33 West Thirty-ninth street, New York, September 26-28, 1916. The annual chrysanthemum exhibition of the American Institute will be held at the same place November 8-10, 1916. For a schedule of prizes, address Wm. A. Eagleson, secretary of board of managers, 324 West Twenty-third street, New York.

Lincoln Highway.

The Lincoln Highway Association, at its annual meeting, determined to have as many seedling miles of concrete road built as possible during the coming year. Where the town or village, city or county will agree to build the seedling mile, the association agrees to furnish free the cement for the purpose, the local authorities to furnish the labor and other material and build according to the association's specifications.

Belgian Plants.

Arthur De Meyer, of Ghent, Belgium, grower of azaleas and other specialties, in his catalogue just received says that while he is located in the zone of active hostilities, his stock is uninjured and he expects to be able to make shipments as he did last season, with the consent of the German and British authorities. De Meyer's American agents are McHutchison & Co., New York.

American Gladiolus Society.

The seventh annual exhibition of the American Gladiolus Society will be held under the auspices of the Massachusetts Horticultural Society at Horticultural hall, Boston, Mass., August 11-13, 1916. The preliminary schedule covering prizes offered in 86 classes is now ready for distribution and copies may be obtained upon application to Henry Youell, secretary, 538 Cedar street, Syracuse, N. Y.

Good Roads and Rural Credits.

The senate has passed a bill appropriating \$85,000,000 for post roads, contingent on an equal expenditure by the states.

Hollis farm loan bill, establishing a system of rural credits, passes senate by vote of 58 to 5. House soon to act.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Boston, Mass., May 16, 8 p. m.—Gardeners' and Florists' Club, of Boston, Horticultural hall. Wm. N. Craig, secretary, Faulkner Farm, Brookline, Mass.

Detroit, Mich., May 16, 8 p. m.—Detroit Florists' Club, L. Bomb Floral Co. Henry Foster, secretary, 237 Woodward avenue, Detroit.
Lake Geneva, Wis., May 16, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Charles Lockwood, secretary, Lake Geneva.

Toronto, Ont., May 16, 8 p. m.—Gardeners' and Florists' Association, St. George's hall, Elm St. Geo. Douglas, secretary, 399 Merton St., Toronto.

New Orleans, La., May 18, 8 p. m.—New Orleans Horticultural Society, Association of Commerce Bldg., cor. St. Charles and Common Sts. C. R. Panter, secretary, 2320 Calhoun St., New Orleans.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.**

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As caretaker or assistant, private place preferred. Six years' experience in inside and outside work. Married, good references. Address
Key 630, care American Florist.

Situation Wanted—As bookkeeper by a clever and capable young man of good habits. Has had large experience in a leading wholesale flower store. For further particulars, address.
A. F. F. care American Florist,
42 West 28th St., New York

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address
Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address
Key 622, care American Florist.

Help Wanted—Lady in flower store. Room and board if desired. Good wages.
HILTON, 1509 E. 53rd St., Chicago.

Help Wanted—A good rose grower on Beauties and teas. State wages. Address
Key 634, care American Florist.

Help Wanted—Man capable of erecting and glazing a small greenhouse. Call on or write to
EMIL JEHLIK, 1825 S. Ashland Ave., Chicago.

Help Wanted—Young man with some experience in growing cut flowers and plants for retail business; good opportunity for a sober and willing worker.
F. G. HUNT, Glencoe, Ill.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address
Key 631, care American Florist.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock.
T. NELSON,
833 E. North St., Morris, Ill.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting.
THE REMINGTON-WELCH Co., Geneva, N. Y.

Help Wanted—Experienced traveling seed salesman. State experience, salary, age and references when replying.
JOHN A. SALZER SEED Co., La Crosse, Wis.

Help Wanted—At once. A good all around grower of roses, carnations and general greenhouse stock. State wages expected in first letter. Good steady position for the right man.
EDWARD TATRO,
407 E. Iron Ave., Salina, Kans.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address
Key 628, care American Florist.

For Sale—Good paying retail flower store, with greenhouse, on north-west side, Chicago. Address
Key 632, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.

J. C. PAUL,
South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address
A. HANSON, 2615 F Street, Vancouver, Wash.

For Sale—Old established florist business: three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount. Near hotels and large theatres, 15 minutes from loop.
GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

Wanted—Good second-hand Lord & Burnham steam boiler, about ten sections.
FAIRVIEW GREENHOUSES, Milton, Pa.

SITUATION WANTED

Experienced storeman capable of taking complete charge. At salesman and designer. For many years connected with several of Chicago's leading retail establishments. For particulars address
Key 633, care American Florist.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address
Key 627, care American Florist.

Help Wanted

An experienced truck gardener and greenhouse man, single, good worker, must furnish best of references. Salary \$50, board and room. Address at once.

E. G. Patterson, Bismarck, No. Dak.

Foreman Wanted

General all around man for place in middle west.

Address

Key X, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

Tuberous Rooted BEGONIAS

Splendid imported bulbs now on hand.
Grown from the finest large flowering strains.

	Doz.	100	1000
Single Sorts—White, Scarlet, Yellow, Pink..	\$0.50	\$3.00	\$25.00
Single Frilled	1.00	6.00	50.00
Single Butterfly	1.00	6.00	50.00
Single Mixed Colors .....	.40	2.50	20.00
Double Sorts—White, Scarlet, Yellow, Pink..	.50	3.50	28.00
Double Frilled	1.00	7.00	65.00
Double Butterfly	1.00	7.00	55.00
Double Mixed Colors .....	.40	3.25	25.00

Seedsmen, write us for mailing size, samples and prices.

GLADIOLUS

	Per 100
AMERICA, Extra, 2¼ to 3-in....	\$15 00
AUGUSTA, Extra, 2¼ to 3-in....	15 00
MRS. FRANCIS KING, 1½-in....	10 00
PRINCEPS, 1½-in. and up.....	22 00
HYDE PARK, 1½-in. and up....	45 00
VAUGHAN'S XXX, Florist mixed	15 00

	Per 1000
AMERICA, 1½-in. and up.....	\$10.00
AUGUSTA, 1½-in. and up.....	10.00
CHICAGO WHITE, 1½-in. and up	25.00
MRS. FRANK PENDELTON, 1½-in. and up.....	85.00
PRIMULINUS SUNBEAM, 1½-in. and up...per 100, \$18.00	
Good, mixed.....	8.50

CALADIUMS—	7-9 inch.....	Per 100	Per 1000
	9-11 inch.....	\$ 3.50	\$30.00
		6.00	55.00

	Per 100	Per 1000
12-inch and up.....	\$14.00	\$125.00

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Rose Bushes, Rhododendrons, Evergreens, Etc. Also Bay Trees, Bedding Plants, Potted Plants, Etc.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Minneapolis.

FAVORABLE WEATHER AND GOOD BUSINESS.

Trade conditions during the past week have been very good. The weather seems to have been made to order—warm days, cool nights and a dry atmosphere. Carnations sold last week at from two to three cents, closing Saturday at four cents and are now quoted at six and eight cents. It is hard to predict what they will be at the last of the week for the Mothers' day demand. Roses are more plentiful but have also advanced in price with carnations. Sweet peas are coming fine and bring from \$1.00 to \$1.50 per 100. Irises are of fine quality but gladioli are not up to standard. Both are selling at four cents. Outdoor stock is backward, being about three weeks behind in most cases. Peonies are in fine condition but are breaking late. Several of the local trade are refusing orders for carnations for Mothers' day on the grounds that they do not intend to have their customers who have been paying from 75 cents to \$1.25 per dozen class them as "robber generals" by asking them to pay from \$2 to \$4. Good general business is looked for for the day, as the demand for cut stock will be as good as it was at Easter if prices are not prohibitive.

NOTES.

Wm. D. Desmond, for a number of years manager of the flower department of the L. S. Donaldson Co., has leased the S. S. Cargill establishment of about 35,000 feet of glass and 20

acres of ground for a period of 10 years. Mr. Desmond's resignation has not yet been accepted by the Donaldson Co., and he will continue at the "old stand" until Memorial day. He will grow pot plants and bulbous stock principally, for the trade only.

Hugh Will and Max Kaiser made a canvass of the city for a co-operative ad. in the daily papers and found all of the trade ready with their share of the expense. The same illustrative matter that was used last year will be used this year and the movement to stimulate greater interest in the day will be under the auspices of the florists' club.

Robert Latham has finished planting at his place at Lake Minnetonka. He reports everything a little backward, but the past few days which have been warm have started everything—including the weeds.

Thos. Lynes has been rushed with orders for church wedding decorations and funeral work since Easter. He is contemplating adding to his force.

Geo. Eckter, formerly at Wesslings Lakewood Greenhouses has taken charge of the F. P. Nash estate at Wayzata, Lake Minnetonka.

Art. Rice is manager and John Rovic, captain, of the local florists' baseball team. Keep your eye on this bunch this season.

R. N. Rudlinger, landscape architect, has a force of about 150 at work in this vicinity, and could use more if he could get them.

H. B. Whitted is showing a fine window arrangement of bird houses and garden accessories. It attracts much attention.

Gust. Malmquist has the Bell estate in fine condition at Lake Minnetonka, where he has a large force of men at work.

The next meeting of the Minnesota State Florists' Association will be held at the store of Holm & Olson, St. Paul.

The Eldridge Floral Co. is showing a very tasty arrangement of sweet peas, irises and gladioli in its windows.

Oscar Amundson has been on the sick list since Easter. Too much business and long hours.

Everybody is rested up after the largest volume of Easter business ever done in this city.

Rice Bros. have a new delivery truck which Ed. Rice says refuses to "eat any dust."

Chas. Crum left last week for Chicago.
T. C. R.

LAKE LINDEN, MICH.—Numerous improvements will be made at the Pearce Floral Co.'s range this spring, under direction of the superintendent, H. C. Gray.

MISSOULA, MONT.—The R. & S. Flower Store reports 1916 Easter trade double that of a year ago. The cut flower and plant supply was equal to all demands and prices, which were higher than last year, aided in the excellent sales recorded.

MEMORIAL DAY



NUMBER



TO BE ISSUED

NEXT WEEK

JUST RIGHT FOR THE

Decoration Day Business

—The Best Paid—

CIRCULATION

—To the Trade in the Trade—

That means profit to you. No bogus inquiries
that cost time and actual cash.

Offer Them Now

ALL SPECIALTIES

**For Cemetery Use
Window Box Stock**

**All Bedding Plants
Plants for Vases**

WHILE DEMAND IS STRONG

American Florist Co.

440 S. Dearborn St., CHICAGO.

POEHLMAN

72-74 E. Randolph St.,



For Commencements
Weddings
Special Sales

Immediate attention to all orders. Reasonable prices. Quality Flowers—Made us Famous.

Roses, Valley, Lilies, Miniature Roses, Orchids

In Effect May 15th — CURRENT PRICE LIST — Prices Subject to Change Without Notice

MRS. CHAS. RUSSELL

	Per Doz.
36 inches	\$3.00
28 to 30-in.....	2.50
24 to 26-in.....	2.00
20 to 22-in.....	1.50
16 to 18-in.....	1.25
Short, per 100.....	\$4.00 6.00 to \$8.00

Hoosier Beauty
Richmond
Ophelia
Sunburst
Milady
Killarney Brilliant

	Per 100
Long ..	\$8.00 to \$10.00
Medium.	6.00
Short ..	3.00 to 5.00

Anron Ward
Killarney
White Killarney

	Per 100
Long	\$8.00
Medium.	\$5.00 to 6.00
Short ...	3.00 to 4.00

AMERICAN BEAUTIES

	Per Doz.
Long	\$4.00
36-in.....	3.00
30-in.....	2.50
24-in.....	2.00
18 to 20-in.....	1.50
Short.....	per 100, \$6.00 to 8.00

MINIATURE ROSES

	Per 100
Cecile Brunner	\$2.00
Geo. Elgar	2.00
Fire Flame	3.00

CARNATIONS

	Per 100
Best Fancy, all colors.....	\$4.00 to \$5.00
Splits, Red and Dark Pink.....	2.00

LILY OF THE VALLEY

Per 100	\$3.00, \$4.00, \$5.00
---------------	------------------------

EASTER LILIES

	Per 100
Long	\$10.00
Medium	8.00
Short	6.00

ORCHIDS

	Per Doz.
Cattleyas	\$9.00

MISCELLANEOUS

	Per 100
Sweet Peas, Common.....	.75
Spencer	1.00 to 1.50
Snapdragon	6.00 to 8.00
Mignonette	4.00 to 6.00
Daisies	1.50 to 2.00
Smilax	doz. \$3.00
Plumosus	3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00 to 1.50
Galax, green and brown.....	1.50
" " " .....	.20
Leucothoe .....	.75
Mexican Ivy.....	1,000, \$6.00; .75
Ferns	1,000, 3.50; .40



SPECIALLY MADE-UP MAGNOLIA WREATHS

18-inch, per dozen.....	\$6.00	21-inch, per dozen.....	\$9.00
-------------------------	--------	-------------------------	--------

SPECIALLY MADE-UP CYCAS WREATHS

1-inch, per dozen.....	\$12.00
------------------------	---------

You must mention this Advertisement to get the Specially Made-Up Memorial Day Wreaths at these low prices.

Glass Cemetery Vases

10-inch, per dozen..	\$1.50; per bbl., 5 dozen...	\$7.00
12-inch, per dozen..	2.00; per bbl., 5 dozen...	9.00
16-inch, per dozen..	3.50; per bbl., 2 dozen...	7.00

White and Green Enamel Vases

No. 1—Ht., 6¾, diam., 4¼; each, 20c; doz.	\$2.00
No. 2—Ht., 6¼, diam., 3½; each, 15c; doz.	1.60

Sheet Moss, Fine Fresh Material

Per Bag, \$2.00.

Short Cycas Leaves

\$1.25 per 100



N BROS. CO.

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.	Each
4 inch pots 5-6 16-18 inch high...	\$ 4.50	
4 inch pots 5-6 16-18 inch high...		\$.40
6 inch pots 6-7 24 inch high...		1.00
6 inch pots 6-7 28-30 inch high...		1.50
6 inch pots 6-7 32-34 inch high...		2.00
8 inch tubs 6-7 36-38 inch high...		3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.	Each
4 inch pots 5-6 18-20 inch high...	\$ 4.50	
4 inch pots 5-6 18-20 in. high. ea.		.40

Leaves	Doz.	Each
6 inch pots 6 28-30 inch high...	1.00	
6 inch pots 6-7 34-36 inch high...	1.50	
8 inch tubs 6-7 5 feet high...	6.00	
10 inch tubs 6-7 5½ feet high...	8.00	
10 inch tubs 6-7 5½-6 feet high...	10.00	

FOSTERIANA MADE-UP PLANTS

Plants	Doz.	Each
7 inch tubs 3 36 inch high...	\$ 2.50	
8 inch tubs 4 38-42 inch high...	3.50	
8 inch tubs 4 48-50 inch high...	5.00	
8 inch tubs 4 52-54 inch high...	6.00	
10 inch tubs 4 5 feet high...	8.00	
12 inch tubs 4 60-64 inch high...	10.00	
12 inch tubs 4 5½ feet high...	12.00	
12 inch tubs 4 5½-6 feet high...	15.00	
15 inch tubs 4 6-6½ feet high...	\$18@20	

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.,	\$3.50
Each	
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana, \$6.00 per 100.	Each
Dracaena Lindenli, 6-in.	\$1.25
6 inch pots Dracaena Massangeana...	
..... \$1.25; 7 in.,	\$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.	\$1.00
8 inch tubs, 5 plants, 44-46 in. high.	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½ INCH GRAFTED AND OWN ROOT ROSE PLANTS

	Grafted	Own Root
	1000	1000
Russell	\$120.00	None
Killarney		\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70

	Grafted	Own Root
	1000	1000
Milady	\$100.00	
Ward	100.00	56.70
Richmond	100.00	56.70

	Grafted	Own Root
	1000	1000
Cecile Brunner	\$100.00	\$56.70
Elgar (Special Only)	100.00	
Francis Scott Key	110.00	63.00

SPRING BEDDING PLANTS

	100	1000
Alternantheras, red and yellow and Brill.		
Bantissima	2.50	\$23.00
Alyssum, Sweet	2.50	20.00
Ageratum, Blue Dwarf	2.50	
" " "	5.00	
" " "	8.00	
Begonia Luminosa and Vernon, for bedding.	2.50	
" " "	5.00	
" " "	8.00	
Cobaea Scandens	1.50 per dozen.	
Caladiums, fancy leaved (summer delivery)	50c to \$1.50 each	
Dusty Miller, for border	2.50	23.00
Geraniums, the best and most popular bedding varieties, pots, in bloom	8.00	60.00
Extra strong	10.00	
Rose Geraniums, strong	3.00	
Rose Geraniums, strong	5.00	
Mad. Salleroy Geraniums	8.00	
" " "	3.00	
" " "	6.00	
Heliotropes	2.50	
" " "	5.00	
" " "	10.00	
English Ivy	3.00	
" " "	15.00	
English Ivy, strong	\$20.00 to \$35.00	
German or Parlor Ivy	2.50	
" " "	5.00	
Lobelias, for bedding and hanging baskets.		
Lobelias Speciosa, Crystal Palace and		
Bedding Queen	2.50	22.00
Marguerites, Mrs. F. Sanders	3.00	

	100	1000
Marguerites, Mrs. F. Sanders	3 in.	\$ 5.00
" " "	4 in.	10.00
Marigold, Double	3 in. pots	5.00
" " "	4 in.	8.00
Pansies, best German strain, in bloom		2.50
If wanted in baskets, an additional price will be charged to cover cost of same.		\$25.00
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery	2½ in.	3.00
Plox Drummondii, all colors	2½ in.	2.50
" " "	3 in.	5.00
" " "	3 in.	5.00
Petunia, single fringed, all colors	3 in.	5.00
" " "	4 in.	8.00
Recinus (Castor Oil Beans), red foliage, strong	4 in.	12.00
Salvia Bonfire and Zurich, from cuttings	2½ in.	2.50
" " "	3 in.	5.00
" " "	4 in.	8.00
Smilax, strong new stock	2½ in.	2.50
" " "	3 in.	6.00
Torenia Fournieri Blue	2½ in. pots	2.50
" " "	3 in.	5.00
Vinca Rosea and Alba	2½ in.	2.50
Vinca Minor (Hardy Grave Myrtle)	3 in.	6.00
Vinca, variegated and green, for boxes and vases	2½ in.	2.50
" " "	4 in.	12.00 to 15.00
Verbenas, all colors	2½ in.	2.50
Wandering Jew, Zebrina and White Variegated, for hanging baskets	2½ in. pots	2.50
Hanging Baskets planted with Sprengerii, Bostonia, Vincas.		

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2½-in. plants
	100	1000
McNiece	\$2.50	\$22.00
Enguehard	2.50	22.00
Maud Dean	2.50	22.00
R. E. Loeben	2.50	22.00
Patty	2.50	22.00
Wells Late Pink	2.50	22.00
Chieftain	2.50	22.00
WHITE—	Rooted Cuttings	2½-in. plants
	100	1000
October Frost	\$2.50	\$18.00
Vir. Poehlmann	2.50	18.00
Chas. Razer	2.50	18.00
Elise Papworth	2.50	18.00
W. H. Chadwick	2.50	18.00
Timothy Eaton	2.50	18.00
Lynwood Hall	2.50	18.00
Smith's Ideal	2.00	18.00
Alice Salomon	2.00	18.00
White Chadwick	4.00	38.00
BRONZE—	Rooted Cuttings	2½-in. plants
	100	1000
O. H. Kahn	2.00	18.00
RED—	Rooted Cuttings	2½-in. plants
	100	1000
Schrimpton	2.00	18.00

CHRYSANTHEMUMS

YELLOW—	Rooted Cuttings	2½-in. plants
	100	1000
Golden Glow	\$2.00	\$18.00
Chrysolora	2.00	18.00
Bonaffon	2.00	18.00
Yellow Eaton	2.00	18.00
Yellow Salomon	2.00	18.00
Golden Chadwick	2.00	18.00
POMPONS	Rooted Cuttings	2½-in. plants
	100	1000
Kemmitt (medium double)	\$3.50	\$32.00
WHITE—	Rooted Cuttings	2½-in. plants
	100	1000
Krut (large early)	\$3.50	\$32.00
Mike Gabel (large)	3.50	32.00
Skibo (early bronze & yel. button)	3.50	32.00
Big Baby (button)	3.50	32.00
Madge (large)	3.50	32.00
Klondyke (large)	3.50	32.00
Quinola (bright late yellow)	3.50	32.00
Baby (small button)	3.50	32.00
PINK—	Rooted Cuttings	2½-in. plants
	100	1000
Lillian Doty	\$3.50	\$32.00
Queen Marie	3.50	32.00

POMPONS

BRONZE—	2½-in. plants
	100
Madam La Porte	\$3.50
Mrs. Frank Beu	3.50
RED—	2½-in. plants
	100
La Gravere	\$3.50

BOXWOODS

	Each
12-in. in burlap, 30c; in tubs or pots.	\$0.55
15-in. in burlap, 40c; in tubs or pots.	.75
18-in. in burlap, 50c; in tubs or pots.	.85
2-feet in burlap.	\$1.75; in tubs.
2½-feet in tubs	2.00
12x12 in tubs	3.00
Stevia—Fine 2½-in., \$20.00 per 1000.	
New Pink Snapdragon, 2½-in., \$6 per 100.	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.	
Table Ferns, 2½-in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.	

BEAUTIES, ROSES, SWEET PEAS, LILIES, CARNATIONS, Also Fancy RUSSELL ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Our Roses are the finest in quality coming in this market and consist of

Russell, Ophelia, Killarney Brilliant, Pink Killarney, Shawyer, White Killarney, Rhea Reid, Richmond and Sunburst.

PRICE LIST IN EFFECT MAY 15.

American Beauties		Per doz.
Extra long stem, specials.....	\$ 3.00 to \$ 4.00	
Extra long seconds, per 100, \$8 to \$10		
Medium	1.50 to 2.50	
Shorter lengths.....	.50 to 1.00	

Mrs. Russell		Per 100
Extra long stem.....	\$12.00 to \$15.00	
Good medium.....	8.00 to 10.00	
Good short.....	4.00 to 6.00	

Pink and White Killarney		Per 100
Extra long.....	\$8.00	
Good medium.....	6.00	
Good short.....	\$3.00 to 4.00	

Brilliant, Sunburst, Ophelia, Richmond, Shawyer and Rhea Reid

	Per 100
Extra long specials.....	\$10.00
Long stem.....	8.00
Good medium.....	6.00 to 7.00
Good short.....	4.00

Miscellaneous		Per 1000
Galax, Bronze and Green.....	\$1.00	
Choice Eastern Ferns.....	3.00	

	Per 100
Lily of the Valley.....	\$5.00
Asparagus and Sprengeri sprays.....	\$2.00 to 3.00

ROSES, our selection, in lots of 500 or more, at the rate of \$25 per 1000.

CARNATIONS, Red, Pink and White, per 100, \$4.00.

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

Long Distance Phone,
Central 1457.

Office and Store, 178 No. Wabash Ave., Chicago, Ill.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

CARNATIONS IN HEAVY DEMAND.

Trade the past week has been very good and stock of all kinds cleaned up nicely at satisfactory prices. Orders were numerous Friday and Saturday, April 5-6, and arrived in a steady stream, making it appear as if some one had pressed a button and released them all at once. Roses are plentiful in the longer grades and there are enough to go around if one is willing to pay the price. Short roses are in brisk demand and are very scarce. Long roses are twice as long as the short roses are short, and this applies to both quantity and stem. Some exceptionally fine Mrs. Chas. Russell, Ophelia, Richmond, Rhea Reid, Milady and Hoosier Beauty are obtainable, and there now seems to be enough long stemmed American Beauty roses to go around. Killarney, White Killarney, Killarney Brilliant and Double White Killarney are seen in large numbers, but are moving well. Carnations are in heavy demand for Mothers' day, and are already pretty well sold up at high prices. Many of the dealers are refusing orders and are only accepting orders from their regular customers on assorted stock. The buyers will no doubt have to fall back on roses toward the end of the week, for it will be impossible to fill anywhere near the demand for carnations, and then, besides, the public in a great many instances prefer roses any way, and are not particularly interested, even though the trade may be, in whether or not the carnation is the official flower for the day. Sweet peas are plentiful and are bringing good prices and it would not be at all surprising if they cleaned up completely for Mothers' day. Orchids are still very scarce and command high prices. Lily

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

FERNS

Very best obtainable and the most beautiful stock ever offered.

\$3.50 per 1000

Chicago's Largest Dealers in Decorative Greens

of the valley and gardenias are none too plentiful, but there seems to be plenty of lilies and callas on hand. Peonies are in larger supply, but most of the flowers offered are from Tennessee, and compare most favorably in quality to those which came from the

same source last year. Spanish iris is in good supply and the same holds good for gladioli, which are gradually becoming more plentiful. Lupines, single and double stocks, pansies, daisies, calendulas, lilac, feverfew, sweet alyssum, candytuft, swainsonas, mig-

PETER REINBERG

30 East Randolph St.,

Long Distance Phones
Central } 2846
601

CHICAGO

LARGE CUTS

ROSES AND CARNATIONS FOR MOTHERS' DAY.

When Ordering Remember White Flowers Stand for
Mothers' Memory and Colored Flowers for Mothers Living

Mothers' Day Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$6.00
48-inch stems	5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short	\$0.75 to 1.00

Richmond.....		Per 100
Killarney.....		
White Killarney.....	Extra select	\$10.00
My Maryland....	Select	8.00
Sunburst.....	Medium	\$5.00 to 6.00
Ophelia.....	Short	4.00
Milady.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00 to \$4.00
Select	2.50
Medium	1.50 to 2.00
Short .....	.75 to 1.00

Per 100

ROSES, our selection..... \$4.00

Carnations, fancy white.....	\$ 5.00 to 6.00
Red and pink	5.00
Harrisii	12.50 to 15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$3.50 .40

2,000,000 Feet of Modern Glass

nonette, Narcissus poeticus, jonquils, daffodils, poppies, tulips and other miscellaneous seasonable stock is to be had and comes in handy for basket work, funeral orders and window decorations. Some of the dealers are inclined to think that there will be plenty of stock for Mothers' day with the exception of carnations, orchids and lily of the valley, but it does not appear so to one who has kept pretty close tab on conditions and who predicts a general shortage before the stores close Sunday noon, May 14. Most of the local peony growers report that there will be very few home-grown peonies, if any, for Memorial day, for the crops are unusually late, but advices from the south are that the crop will be considerably larger than last season.

NOTES.

A. L. Vaughan & Co. are handling a fine supply of roses and carnations and report a very good Mothers' day trade. Both the local and out-of-town demand for carnations for this occasion have been numerous and they had all the orders that they could conveniently handle. Mr. Vaughan thinks that roses will have a good sale the latter part of the week when the retail florists will have to fall back on them, owing to the great shortage of carnations.

Bassett & Washburn are cutting from a large crop of Mrs. George Shawyer roses which are in good demand at their store and are bringing very satisfactory prices. This firm is one of the few that are growing this variety in this vicinity and speak very highly of it. The demand for carnations for Mothers' day was heavier than ever this year at this house, and it was impossible to supply anywhere near the demand.

Peony Growers Wanted

GROWERS of high grade Peonies will find it to their interest to consign their stock to us. Our trade demands the best, consequently we realize the highest market prices. Start shipping as soon as your stock is ready to cut, or write immediately for further particulars. All returns made weekly.

J. A. BUDLONG

184 N. Wabash Ave., Chicago

Philip C. Schupp says that J. A. Budlong finished planting their roses when the last two houses of Killarney were benched this week. His firm is now cutting a good supply of short stemmed Mrs. Chas. Russell roses from stock planted last March.

O. A. & L. A. Tonner are enjoying splendid business in both their wholesale cut flower and supply depart-

ments and are well pleased with the sales they have made since they moved into their present quarters.

The John C. Moninger Co. has just received an order from S. S. Meyers, of Bexley, O., for a range of three new houses, 30x125 feet each.

Jensen Bros., 3335 Lincoln avenue, have added a Ford to their delivery service.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Place Your Late Orders With Us For Mothers' Day And You Will Not Be Disappointed.

Extra Fancy Carnations, \$6.00 per 100.

Mothers' Day Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.00
White—KILLARNEY—Pink.	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00
SUNBURST.	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Good	\$4.00 to 5.00
MRS. GEORGE ELGAR.....	35c per bunch
ROSES, OUR SELECTION	\$4.00

CARNATIONS.	Per 100
Fancy	\$6.00
LILIES.	Per 100
Fancy	\$12.50 to \$15.00
Miscellaneous.	
Ferns, per 1,000.....	\$3.50
Smilax, per doz.....	2.50
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co. is in good crop with roses and are offering splendid stock in all the varieties that they grow, particularly Mrs. Chas. Russell and Ophelia, which are attracting the attention of the buyers at the city salesroom. The demand for carnations for Mothers' day was never better than it is this year, and while they will have a good supply to offer it will be impossible to fill all the orders that keep coming in. John Poehlmann, Jr., is on the job in the cut flower department every day and promises to be as efficient a merchant as his father, who has been in active charge for many years up to the last few months. In the supply department Manager Waters and his assistants have a large supply of made up wreaths on hand for Memorial day ready to ship out at a moment's notice.

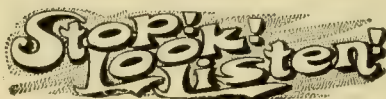
Wietor Bros. are cutting a splendid supply of carnations in all the leading varieties which are cleaning up nicely each day. This firm has thrown out 14 houses of American Beauty roses, but are still offering a large quantity and will grow them on a large scale again next season. A liberal supply of the miniature rose, Mrs. George Elgar, are now included in their daily shipments.

Peter Reinberg is having a heavy call for stock for Mothers' day and while carnations are naturally in best demand, roses are selling nicely and Manager Reichling looks for a grand cleanup before the week is over. The shipping trade the past week has been exceedingly heavy at this house and the local demand has shown a decided improvement.

The Chicago Flower Growers' Association report a great increase in sales during last April over the same month in 1915, and the outlook for May, so far, is very encouraging. Chas. W. McCauley recovered sufficiently from a severe cold to pay his regular visit to the store this week.

Percy Jones is having a big run on fancy ferns, which are the best that he ever had to offer at this season of the year. Manager Van Gelder reports trade as very good for Mothers' day with a brisk demand for carnations, particularly white.

Erne & Klingel are enjoying a splendid season and have booked a large number of nice orders for Mothers' day. They will have a large supply of



Special \$10.00 Assortment of Cut Flower Baskets for Weddings, in all the desired colors or in any of the two-tone finishes. This is a big bargain so order early.

Corsage Shields, Crepe Paper, Brown and Green Magnolia Leaves, Folding Cut Flower Boxes, Cycas Leaves, Etc.

CUT FLOWERS FOR MOTHERS' DAY

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

peonies to offer again this season in addition to their regular complete line of stock.

Chas. W. McKellar is very sick and is confined to his country home, in Niles Township. His right hand man, Frank Ayres, is in charge at the store during his illness.

Otto Benthey, formerly foreman at the George Reinberg greenhouses, has taken charge of L. A. Budlong's new range of Dietsch houses at Niles Centre.

The John Kruchten Co. will have a large supply of peonies to offer as usual for Memorial day and is now booking orders for same.

Kyle & Foerster report a splendid demand for fancy home grown gardenias which are in good supply with them now.

M. C. Gunterberg added a new sweet pea grower to her list this week and is now soliciting regular consignments of peonies.

Harold Amling, seventeen-year-old son of E. C. Amling, is the latest addition to the E. C. Amling Co.'s store force.

Meyer & Dramm are figuring on installing a cold storage plant at their Elmhurst greenhouses in the near future.

Wm. Dolesdale has opened a new store at 6534 South Halsted street under the name of Paradise Florist.

WANTED!

To Handle on Commission.
Checks Weekly.

Lilies—Lily of the Valley—Early Peonies
Smilax and Adiantum

Or any other seasonable Cut Flowers or Greens. We are located in the midst of all the leading wholesale florists and nearly everyone of the best city buyers visit our store daily. If you ever have any surplus no matter how much or what it is, ship it to us, and we will see to it that it is sold at the leading prevailing market prices. Our increasing trade demands that we handle more stock, so if you desire to make connection with a progressive house, get in touch with us when it best suits your convenience.

O. A. & L. A. TONNER

Wholesale Cut Flowers and Supplies
30 E. Randolph St., CHICAGO, ILL.
Phone, Central 6284

Otto Ackerman, of the Riverside Floral Company, Columbus, O., was here on business this week.

A. Miller, of A. Henderson & Co., will join the ranks of the benedicts this fall. Who's next?

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave, Chicago

Fine Supply Of All Seasonable Flowers for Mothers' Day

MOTHERS' DAY PRICE LIST

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems	3.00
20 to 24-inch stems	2.50
15 to 18-inch stems	2.00
12-inch stems	\$1.00 to 1.50

MRS. CHAS. RUSSELL.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00

	Per 100
Richmond, fancy	\$8.00
" good	\$5.00 to 6.00
" short	3.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney Brilliant, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Roses, our selection	4.00

Orchids.

Cattleyas	per doz., \$9.00
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Carnations.

	Per 100
Special fancy white	\$8.00
Red and pink	6.00

Easter Lilies.

	Per 100
Select	\$12.50
Shorter	\$8.00 to 10.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquils	3.00 to 4.00

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays.bunch,	\$0.35 to .50
Sprengerl.....per bunch,	.35 to .50
Adiantum.....per 100,	1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1000,	3.00
Galax Leaves.....per 1000,	1.00

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

LARGE SUPPLY

Roses For Mothers' Day, May 14

Plenty for everyone in all the best leading varieties at the most reasonable market prices.

Mention the American Florist when writing

At Zech & Mann's store fancy orchid flowering sweet peas are one of the principal offerings and a large number of orders have been booked for them for Mothers' day. Allie Zech, Matt. Mann and son Nic. and Michael Freres attended the Stecker-Demetral wrestling match last Friday evening, May 5.

A. T. Pyfer & Co. are showing a fine grade of peonies in assorted colors and have a nice supply to offer for Mothers' day. Mr. Pyfer says that Pyfer & Olsem have just finished planting out their carnations in the field at Wilmette.

Miss Marion Garland, youngest daughter of Mr. and Mrs. Sol Garland, of Des Plaines, and Otto Strobach, of the George Wittbold Co., will be married this summer.

WANTED--PEONIES--WANTED

Can handle regular supply to good advantage. Best located wholesale store in Chicago. Start shipping as soon as your stock is ready to cut.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

The May tenth foliage and flowering conditions out of doors which have been backward have been brought up to date by recent warm days.

Emil Jehlik, 1825 South Ashland avenue, is building a new greenhouse adjoining his store.

Jack Byers is now employed in Poehlmann Bros. Co.'s wholesale cut flower department.

W. H. Amling, well known sweet pea grower of Maywood, has just

bought a new seven passenger Paige touring car.

B. Zima, 3053 West Twenty-second street, is the proud owner of a new Oakland Six.

Boukidis & Gavares will open a new store at 102 South State street in the near future.

J. J. Kolar & Son, of Cicero, is building a new Dietsch conservatory, 25x40 feet.

Matt Kosta has opened a new store at Morgan Park.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

FLOWERS OF QUALITY

Mention the American Florist when writing

George Wienhoeber has leased the store on East Monroe street, now occupied by the Washington Shirt Co., and will take possession August 1. The new store will be an addition to his present establishment on South Wabash avenue and all the changes that are necessary to convert the two places into one is the knocking out of the partition in the east of his place, which will give him an L shaped shop with an entrance on both streets. Mr. Wienhoeber has only been in business for himself for 16 months, but is rapidly forging to the front and when the alterations are completed, he will have one of the finest and largest retail shops in the loop.

The A. A. Arnold Paper Box Co. withdrew all its quotations on paper boxes May 4, on which day the trade was notified of a 50 per cent increase in prices. The Arnold Co. has had a banner season and their factory was operated day and night for five days a week all during April so that their orders could be all gotten out on time.

O. Johnson inspected the Batavia Greenhouse Co.'s peonies, Sunday, May 7, and says that from present indications it does not look as if there will be any stock to cut for Memorial day. He estimates that their crop will be at least one-third smaller than last season.

F. J. Benthey reports a ready demand for geraniums which they are growing in quantity at their New Castle, Ind., greenhouses.

George Perdikas has installed a Buchbinder refrigerator in his store at East Van Buren street and South Wabash avenue.

J. A. Valentine, of Denver, Colo., was a visitor this week and reports fine Easter business.

Visitors: Alfred Forder, Cincinnati, O.; Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.; A. L. Barber, with the Jones-Russell Co., Cleveland, O.; J. P. Hauck, Cleveland, O.; Miss Rennison, with J. C. Rennison Co., Sioux City, Ia.; Milton Alexander, with Lion & Co., New York.

OTTAWA, ONT.—A feature of the Easter demand this year was the exceptionally heavy call for roses, due to the fact that St. George's day fell on Easter. Every man in a big church procession wore a rose.

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, May 4, President Henderson in the chair. Routine business was given attention and O. J. Friedman, the well known Congress hotel florist, then introduced the matter of our next flower show, describing a plan by which a successful exhibition could be held at the Coliseum in November, the Florists' Club, Horticultural Society and the management of the Home for Crippled Children co-operating. Mr. Friedman stated the society leaders could be easily interested in such an undertaking, which should result in the financial benefit of everyone concerned and give a great impetus to business in all horticultural lines. After considerable discussion this proposition was referred to the president of the club with the suggestion that it be taken up with President Rudd, of the Horticultural Society, and the manager of the Home for Crippled Children.

A communication on Mothers' day and its founder, Miss Anna Jarvis, from Robert Kift, of Philadelphia, Pa., was presented, the writer suggesting the propriety of creating a florists' fund for the use of Miss Jarvis in her Mothers' day work, and the secretary was instructed to advise Mr. Kift that the club would be glad to give the matter its fullest consideration on receipt of information as to what other organizations have done, or propose to do with regard to it.

Anton Then sent the president a gavel made from a wild smilax root, which Mr. Then had secured on one of his trips to Magnolia Springs, Ala. The gavel was duly presented and accepted with the thanks and appreciation of the president and members.

John Smith, a local advertising man, discussed a plan of advertising in the daily papers which he thought would benefit the trade, if the growers, wholesalers and retailers could be induced to provide the necessary capital.

The proposals for membership included Carl Eiesmann, care of W. H. Amling, Maywood; W. E. O'Morrow, 558 Fulton street, and Chester P. Guion, 2730 North California avenue.

Trade visitors in attendance included J. J. Karins, representing Henry A. Dreer, Inc., Philadelphia, Pa., and Walter Mott, representing Benjamin Hammond, Beacon, N. Y.

Mothers' Day Price List

ROSES Per 100

Mrs. Chas. Russell....\$6.00 to \$12.00

Ophelia.....	} Special 10.00
Richmond....	
Sunburst.....	
Killarney....	
W. Killarney..	Long 8.00
Kill. Brilliant	Medium 5.00 to 6.00
	Short 4.00

CARNATIONS

De Luxe, select..... 6.00
Choice colored 5.00

PEONIES

All colors—Fresh from the field,
\$4.00, \$6.00, \$8.00 per 100.

Miscellaneous

Callas\$8.00 to \$10.00 per 100
Lilies 8.00 to 10.00 per 100
Lily of the Valley, 4.00- 5.00 per 100
Mignonette ... 4.00 to 5.00 per 100
Snapdragons .. 5.00 to 6.00 per 100
Gladioli 6.00 to 8.00 per 100
Spanish Iris.... 4.00 to 6.00 per 100
Sweet Peas.... 1.00 to 1.50 per 100
Ferns 3.50 per 1000
Asparagusbunch, 35c to 50c each
Sprengeribunch, 25c to 35c each
Galax\$1.00 1000

Subject to Market Changes

Secretary French gave an interesting account of the Philadelphia and New York exhibitions.

Cleveland.

WET WEATHER FAILS TO STOP TRADE.

Business has been unusually good, notwithstanding a week of rainy weather. Stock in all lines has been equal to the demand, Easter lilies being particularly plentiful and priced low in quantities of 100 or more. Outdoor tulips and daffodils are also arriving in good quantities, but the demand is slow. Carnations are cleaning up daily, and while they will be in good supply for Mothers' day, advance orders already booked point to a short market. Roses are good in quality and the supply will be good. American Beauties will be plentiful. Gladioli are snapped up quickly and the baby variety is also good stock.

NOTES.

The feature of the May meeting of the florists' club was a lecture by Mr. Beynon of the Sheldon school, who took for his subject "How to Select Men for the Florist Business." The speaker who used phrenology, or "head reading," to a certain extent created a vast amount of interest and some amusement and gave the members present a rare treat. Felix Zelter, gardener for Price McKinney, of Wickliffe, O., staged a splendid display of carnations. Among them were some splendid Pink Sensation, Enchantress, Ward and Princess Dagmar, the blooms measuring fully five inches across.

The annual May party, held at Chamber of Industry hall, May 4, was fairly well attended and a good time is reported by all who were present.

Visitor: H. Berkowitz, of H. Bayersdorfer & Co., Philadelphia, Pa.

C. F. B.

TORONTO, ONT.—An elaborate display of plants and cut flowers was viewed by throngs of delighted visitors during Easter week at the establishment of F. W. Adams. The electric lighting of the store at night was planned in such a way as to make a very pretty color scheme. This display pleased the public, who in turn pleased Mr. Adams by increasing his Easter business nearly 60 per cent over that of 1915.

U S E Budlong's
E Blue Ribbon Valley.

FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprenger, Adiantum, as well as other Seasonable Stock and Greens.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City.

OUTDOOR PLANTING IN FULL SWING.

Real summer weather has advanced the planting season several days and everything in that line is now in full swing. Cut stock of most kinds is scarce. Roses are in the lead in numbers and sweet peas have picked up considerably, but the supply of carnations continues limited. Outdoor lilac plays a big part in the arrangement of bouquets. Pot plants continue to sell well and are substituted for cut flowers wherever possible. Indications point to a scarcity and high prices for Mothers' day.

NOTES.

H. Kusik & Co. have booked heavy orders for Mothers' day and report the demand greater than the supply. Orders for wire work continue to pour in faster than they can be handled.

The Alpha Floral Co. reports a good trade. A Mother's day window is attracting much attention at this establishment, the telegraph service being made a feature of the display.

W. L. Rock Flower Co. reports good business in general. The supply of roses and carnations is good, but there is no surplus. Boxes and basket arrangements sell well here.

Wm. Foith reports the spring trade in full swing. Numerous orders for porch boxes and baskets were in evidence on the order file.

T. J. Noll & Co. are handling good roses and carnations from Colorado. They anticipate a record breaking business for Mothers' day.

W. J. Barnes has been busy and reports good sales of plants, porch boxes, hanging baskets, etc. He has several large orders for landscape planting.

A. Newell has no complaint to make about business. Everything is moving along in good shape and the spring trade gives promise of being a "hummer."

Stock is moving well with Adolph D. Mohr. He wholesales most of the product of his establishment and hopes to clean up in two weeks or so.

CAPE JASMINES

(GRANDIFLORA)

The queen of fragrance flowers. Shipments timed to reach any part of the United States in good condition.

Short stems, \$ 6.50 per 1000.

Medium stems, \$1.00 per 100; 8.50 per 1000.

Long stems, 1.50 per 100; 13.00 per 1000.

My buds will be ready 15th to 20th, so orders will be filled in time. Strangers should send money in advance.

THOS. C. EDWARDS, Alvin, Texas

A. F. Barbe is cutting fine carnations and snapdragons and reports exceptionally heavy business.

August Luther, Jr., reports the best trade ever and expects to make a complete cleanup.

Los Angeles.

TRADE CONTINUES GOOD.

Business seems to be keeping up well; in fact, just as brisk as a month ago. The stock of all varieties of flowers is holding out satisfactorily. Roses are still fine, though outdoor stock is not as good or as plentiful as a week ago. There are some bulbous stocks still being shown, such as irises and anemones. Gladioli are becoming plentiful and are looking fine. The Blushing Bride and America are varieties mostly seen. Orchids and lily of the valley may be seen in small quantities. There has been considerable business of late in both wedding and funeral work. The death of one of our

police sergeants brought considerable business to some of the florists.

NOTES.

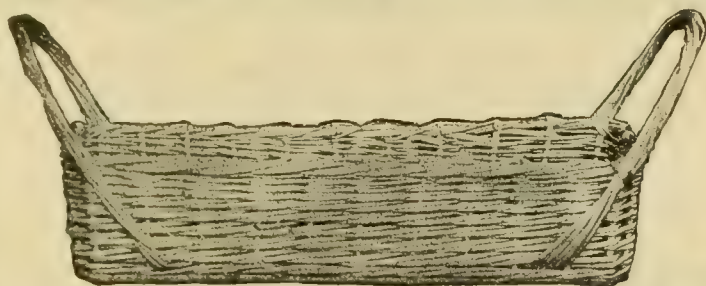
The Wright Flower Shop's window was highly and artistically decorated. Judging by the assortment shown, one could hardly imagine a flower that was not in the display, besides, several decorative plants. They usually have something to show.

O. C. Saakes reports good business this week; in fact his force was very busy when your correspondent called. He had some fine irises and anemones in yellow, and some unusually good Blushing Bride gladioli.

Wolfskill Bros. & Morris Goldenson have been showing some splendid gladioli. Their stock of roses is still up to standard. They continue to be busy with funeral work.

The Redondo Floral Co. reports a good business this week. Situated as they are, they have a fine transient trade. They had some elegant American Beauties in stock. G. H. H.

Willow Window Box Baskets



DANDY SPRING SELLER

Made in all the desirable sizes at prices ranging from \$1.20 to \$1.90 each, with linings extra, at cost.

Write for our special illustrated folder on Combination Porch and Window Baskets, Hanging Baskets, Ferneries on Stands, etc.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.

Buffalo.

WONDERFUL DEMAND AFTER EASTER RUSH.

The weather is as usual for May, one day warm and the next cold and rainy. The reaction from Easter is very apparent. Never in the history of this city was the Easter trade as good as this year. Plant arrangements and baskets were more in demand than ever before and the call for corsages was phenomenal. Roses, carnations and other cut stock show a limited sale. American Beauties sold well as did orchids, gardenias and sweet peas, the latter of wonderful quality. Church decorations were as elaborate as in other years with a more lavish display of flowering plants which added much to the sales in that class. Following Easter was one of the busiest weeks known to the trade, due to the fact that Easter came so late, bringing many weddings into one week and the trade was tried to the limit to fill orders.

NOTES.

Vacation time is approaching. S. A. Anderson is in Michigan on his yearly trout fishing trip. W. J. Palmer has been enjoying a rest following the rush and Felix Albers has also been away. Ludwig Neubeck has been in Williamsville. The postmaster has a perennial rest. Billy Adams moved across the street—no rest.

"Near to Governor Mahoney" in the automobile "Socialist Queen", expects to tour the state, unprepared but game for the cause. His journey will begin about June 15—and he usually makes his mark.

The percentage of replaces was never so small before, practically nothing, and the florists are congratulating themselves on the few mistakes reported. System in the business is becoming more apparent each year.

S. A. Anderson has been having from three to five weddings daily, following Easter. This made April one of the best months in the year with him.

The window displays are varied with a few left over plants to the most inviting orchids, sweet peas and roses.

The Optimists now meet at the Iroquois hotel. Eddie Stroh should be on the job at all times. No excuse now.

Removals among the florists are not reported this year.

Visitors: Fred Brown, of the J. M. Gasser Co., Cleveland, O.; Robert

GARDENIAS

Choice buds (Jasmine Grandiflora) with an abundance of bright, fresh foliage from strong, vigorous plants.

Class A.....\$1.50 per 100, \$13.00 per 1000; stems over 12 inches. F. O. B.
Class B..... 1.00 per 100, \$8.50 per 1000; stems under 12 inches. F. O. B.

Cash or C. O. D.

YARD & YARD

P. O. BOX 201

ALVIN, TEXAS

Shock, representing M. Rice Co., Philadelphia, Pa.; Paul Berkowitz, of H. Bayersdorfer & Co., also of Philadelphia.

Albany, N. Y.

INTERESTING CLUB MEETING.

Two new members, L. B. Varney and G. W. Matthews, of Schenectady, were admitted to the florists' club at the May meeting. After a brief session an adjournment was taken to the State Education building, where Prof. Edward A. White, of the department of floriculture, Cornell University, Ithaca, N. Y., delivered an illustrated lecture on "Orchids." Prof. White was introduced by Fred Goldring, formerly president of the club. In the course of his address Prof. White described the various classes of orchids, their habits of growth, and commercial methods of culture. A feature of the talk was a large number of colored slides, showing specimens of the better known varieties. The lecture was heard with interest by the members of the club and a small number of citizens who were flower lovers.

One of the finest displays in the city are the tulips in bloom on the grounds of George C. Hawley, 994 Madison avenue. There are 84,000 bulbs set out in 43 beds of various sizes. The largest bed contains about 3,200 tulips and the smallest 200. The flowers are of all colors, and of both single and double varieties. The display attracts a great deal of attention; automobiles and carriages from all parts of the city drive past the front and rear of the premises. The grounds are in

NEW FERNS

Fancy Ferns\$1.35 per 1000
Dagger Ferns 1.15 per 1000
Green Sheet Moss 1.75 per bag
Perpetuated Moss 3.50 per bag
Huckleberry Foliage 2.50 per case
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.
Everything in Southern Evergreens

EVERGREEN.

ALABAMA

S. ENOMOTO

T. HONDA

Enomoto & Co., Inc.

Wholesale Florists

35 ST. ANNE ST., off Bush St. near Kearny
Phone: Douglas 4295 SAN FRANCISCO, CALIF.

charge of Earl S. Shaw, one of Prof. E. A. White's former pupils at Cornell University. Since he graduated from Cornell, Mr. Shaw has been employed as superintendent by Mr. Hawley. After the blooming season the bulbs will be dug up and the beds planted with annuals. R. D.

NEW ORLEANS, LA.—The New Orleans Horticultural Society will present the Louisiana Anti-Tuberculosis League with a check for \$150 or more, the proceeds of the most successful flower show ever given by the society.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 N. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing

HOUSTON, TEX.—Work has been started on the new greenhouses of the city park department. They will be in readiness for the S. A. F. convention.

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.

751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.

Roses, Beauty, specials	\$5 00
" " 26-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" Mrs. Chas. Russell....	1 00@3 00
Per 100	
" Beauty, short	\$6 00@8 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Cecile Brunner	3 00
" George Elgar	3 00
" Fireflame	4 00
" Our selection	3 00

Carnations	5 00@6 00
Cattleyas.....per doz., 9 00	
Gardenias.....per doz., 3 00@4 00	
Jonquils.....	1 00@3 00
Peonies.....	4 00@8 00
Tulips.....	3 00@4 00
Lilium Harrison.....	10 00@12 50
Mignonette.....	6 00
Sweet Peas.....	75@1 50
Valley.....	3 00@5 00
Adiantum Croweannum.....	1 00@1 50
Snappdragons.....per doz., 75@1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Calendulas.....	3 00@4 00
Ferns.....per 1000, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumous Strings.....each, 60@75	
Smilax.....per doz., 2 00@2 50	
Spengeri, Plumous Sprays.....	3 00@4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing



For Your Memorial Day Business

EXTRA LONG NEW DAGGER FERNS

Booking orders now—Special Prices in case lots. The Best Ferns you have ever used so early in the season.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GREATEST OVERSUPPLY IN A YEAR.

This city experienced the first glut of the season the past week—no such quantity of flowers has been thrown on the market in an equal period of time for over a year. Easter lilies and callas appear to be very plentiful, coming in daily with no market or demand for this class of stock; whole ranges of shelves are given up to these flowers in the hope that something will turn up to make a demand for them. Roses of all kinds, snapdragon, carnations galore and all other flowers seasonable at this time fairly flood the market and tax every avenue of distribution to handle them with as little loss as possible. In speaking of market conditions Leo Niessen said the great influx of said it was tough work last week, but they had managed to move all the stock at low figures. The S. S. Pennock-Meehan Co. had found the market fuller than at any time this season. Cattleyas were the only scarce flower; everything else could be had in any quantity at buyers' prices. Miniature gladioli were a feature. It was thought here that the worst was over. It had been a bad week with Edward Reid; not that he had not done business, but the supply was so far ahead of the demand that it took them nearly all the time to take care of the stock. He claimed he would have a million carnations for Mothers' day.

The trade is looking forward towards Mothers' day, hoping that the demand for this new flower day may clean up the market. If it does, perhaps the great contrast between the returns of last week and this may move the growers and others benefited to come forward with a trifle of their gains to help foster and care for the Mothers' day movement that has done so much for them.

NOTES.

Not the slightest effort of any kind has been made by the trade in this city, where the idea originated, to further the movement of Mothers' day. Were the various shops under one control there is no doubt but what the possibilities of the day would be encouraged and made the most of by liberal advertising and elaborate window displays. The Western Union Telegraph Co. has appropriated \$20,000 to boost Mothers' day; all of their 1,500 offices have been supplied with special Mothers' day sending and receiving blanks, leaflets calling attention to the day, and large Mothers' day counter or window cards with cuts of white carnations and the inscription, "The White Carnation is the Flower of the Day." This should give an impetus to the day such as it has never had before, and which will be felt the country over.

The King Construction Co. has opened an office at 307 Harrison building, Fifteenth and Market streets, this city. W. J. Muth is in charge. Mr. Muth reports a great increase in business. Two houses, iron frame construction, one 54x308 feet and another 16x308 feet, are going up for A. H. Hoffheimer of New Jersey; also one 42x183 feet for James Verner, Garrettsford, Pa.

Wholesale Flower Markets

BOSTON, May 10.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 6 00	
" Milady.....	2 00@ 8 00	
" Ward and Hillingdon.....	50@ 5 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, May 10.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 8 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Francis Scott Key.....	4 00@10 00	
" Shawyer.....	4 00@ 8 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 5 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@ 3 00	
Snapdragons.....	2 00@ 6 00	
Violets.....	50@ 60	
Yellow Tulips.....	2 00@ 3 00	
Daffodils.....	2 00@ 3 00	
Paper Whites.....	2 00@ 3 00	
Asparagus Sprengerii.....	35@ 50	
Ferns.....per 1000.	3 00	
Smilax.....	15 00	

CINCINNATI, May 10.		
Roses, Beauty.....per doz.	\$1 50@55 00	
" Killarney.....	3 00@ 8 00	Per 100
" My Maryland.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
" Taft.....	3 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus.....per bch.	25c	
Orchids.....per doz.	6 00@7 50	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@10 00	
Sweet Peas.....	25@ 1 00	

Samuel W. Sproul, who opened his "Locust Flower Shop," 223 South Sixtieth street, is away above his expectations as to business, as he now enjoys a steadily increasing trade. His shop and window present a very up-to-date appearance.

Charles Pappas, Broad street station, will add much to his facilities by a greatly enlarged ice box, on the bridge, just outside the train floor. Mr. Pappas carries a large line of stock, which he says is the secret of his success.

H. H. Battles is now at 114 South Twelfth street, where he has greatly increased facilities. Vases of ixias and columbines were features of his Chestnut street case. The latter were very beautiful.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass. Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYAS, CARNATIONS and LILIES. One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

New crop dagger ferns were a feature with the Berger Brothers this week, as were a late crop of daffodils, really fine flowers for the season. The outlook for Mothers' day is bright.

New building operations in this section include one house, 60x150 feet, for R. M. Eisenhart, Torresdale, and another, 25x100 feet, for A. C. Stack, Laurel Springs, N. J.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

There is some talk of a combination among the commission men and growers, looking to the control of credits in this market. Nothing definite has as yet been done.

One of the central commission houses is looking for a new location, they having to move on account of change of ownership in the property. W. H. Hansell, 6025 Market street, reports a splendid spring business. His special line of funeral work keeps him at it all the time.

Very choice Prima Donna roses are being received from the Florex Gardens by Eugene Bernheimer. K.

Holyoke and Northampton Club.

The regular monthly meeting was held May 2 in the city hall, Holyoke. There was but a small attendance of members, due to the fact that many were badly hit by the "spring fever." Lucius E. Wilson, of Springfield, was a visitor and spoke entertainingly of the purposes of the Eastern States Agricultural Exposition, which is to open in West Springfield next October. Permanent buildings are now in course of erection, and the speaker suggested the possibility of arranging for a big flower show there at some future date. There was but one exhibit, an exceptionally fine plant of Hydrangea Otaksa in a 9-inch pot, grown and exhibited by George Strugnell, which was deservedly awarded a certificate of merit. He has promised to tell us how to go and do likewise. H. E. D.

BINGHAMTON, N. Y.—The Suskana Floral Co., which now has a range of six modern greenhouses, recently opened a retail store in this city.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 10		Per 100
Roses, Beauty, extra.	20 00	@25 00
first.	10 00	@15 00
Mrs. Chas. Russell.	8 00	@15 00
Killarney.	2 00	@8 00
White Killarney.	2 00	@8 00
Liberty.	5 00	@15 00
Hadley.	8 00	@12 00
Sunburst.	3 00	@8 00
Ophelia.	3 00	@8 00
Hoosier Beauty.	6 00	@20 00
Carnations.	2 00	@4 00
Cattleyas.	75 00	@100 00
Callas.	8 00	@10 00
Lilium Harrisii.	6 00	@10 00
Lilacs.	per bunch, \$0.75	@\$1.00
Sweet Peas.	50	@1 00
Snappedragons.	3 00	@8 00
Calendulas.	2 00	@4 00
Mignonette.	3 00	@4 00
Asparagus.	per bunch.	50

PITTSBURGH, May 10.		Per 100
Roses, Beauty, special.	30 00	
fancy.	20 00	
extra.	15 00	
No. 1.	8 00	
Killarney.	2 00	@10 00
My Maryland.	2 00	@10 00
Sunburst.	2 00	@10 00
Mrs. Aaron Ward.	4 00	@8 00
Richmond.	4 00	@10 00
Cattleyas.	30 00	
Lilium Gigantum.	12 00	
Sweet Peas.	50	
Spanish Iris.	6 00	
Yellow Daisies.	2 00	
Carnations.	2 00	
Adiantum.	1 25	
Asparagus Sprengeri.	per bunch.	35 @40

MILWAUKEE, May 10.		Per 100
Roses, Killarney and W. Killarney	4 00	@10 00
Ward.	4 00	@8 00
Mrs. Chas. Russell.	6 00	@25 00
Ophelia.	5 00	@10 00
Hoosier Beauty.	4 00	@8 00
Lilies.	per doz.	1 50
Cattleyas.	per doz.	6 00
Sweet Peas.	50	@1 50
Carnations.	6 00	
Snappedragons.	doz.	\$0.75 @ \$1 00
Daffodils.	3 00	
Tulips.	3 00	@4 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, May 10		Per 100
Roses, Beauty, medium	20 00	@25 00
short stems.	8 00	@15 00
Killarney.	4 00	@8 00
White Killarney.	4 00	@8 00
Aaron Ward.	3 00	@6 00
Sunburst.	4 00	@8 00
Ophelia.	4 00	@8 50
Hoosier Beauty.	5 00	@10 00
Cecile Brunner.	4 00	@5 00
Valley.	2 00	@3 00
Carnations.	8 00	@12 50
Callas.	8 00	@12 50
Lilies.	8 00	@12 50
Lilacs.	4 00	
Asparagus Plumosus.	per bu.	25 @75
Ferns.	per 1000.	3 00
Bronze Galax.	per 1000.	1 25
Richmond Roses.	per 1000.	3 00 @ 6 00

WE ARE WHOLESALE FLORISTS.

WE handle every variety of Cut Flowers. **WE** have 22 years experience behind us, and we do not expect a gold medal for doing our full duty by our consignors and customers.

You cannot go very far wrong when dealing with us.

GUTTMAN & RAYNOR, Inc., PHONES: 2036 101 W. 28th St., NEW YORK
FARRAGUT 2037
558

New York.

MAY MAKES POOR START.

Relating to the florist business, May made a poor start, though it must be admitted that it might have been worse, for during the past week there were but two really warm days. However, it seemed to be what the old farmers call "growing weather," for a tremendous amount of stock reached this market. Roses, carnations, sweet peas, lilies and various other stocks were in great supply. Gardenias and violets have for some time been common sights on the trays of the street vendors, but now they have added roses, sweet peas, pansies and other stock. When a street corner stand can offer long stem American Beauties for \$2 and \$2.50 per dozen, we take it that the wholesale price must be low, for these gentlemen are not in business for their health. No doubt the cool weather has largely contributed toward the preservation of the narcissus, but its finish cannot be long delayed. As late as May 6 there was a quantity of fair yellow narcissus on the market, which wholesaled at \$2 per 100. Carnations, which had been holding up better than other stocks, are now being "jettisoned," as the sailors say. It is unnecessary to add that the retail business is light. As one street corner humorist recently put it: "I could make a lot of money if I could only sell the stock." Easter lilies and callas are very plentiful and hard to move. Stocks, snapdragons, lilacs and other flowering shrubbery are in abundant supply.

May 8.—The outlook for this week is not reassuring. While prices dropped low during the past week, the prospects are that the bottom has not yet been reached. Short roses are selling as low as 25 cents per 100, and on May 6, special stock, late in the day, went as low as \$3 and \$4 per 100. We will repeat that we quote only fresh stock. There is practically no price on American Beauties; while some fresh stock in specials sold today for \$15 per 100, there were sales of fair stock at \$4 per 100. Roses that lay over a day are, as a rule, going to the push cart men. We have cut out narcissi and violets, as they are no longer factors. Down on Vesey street the auction district seems to be doing a thriving business in plants. For a block, this morning, the curb was lined with wagons loaded with bedding, carnation and other plants, waiting to be unloaded. In addition, cases of imported plants were coming in. The plant trade will loom large for the remainder of the month.

NOTES.

We have stated in our opening notes that conditions might have been worse during the past week, but in looking over the situation May 6, we concluded that it could not have been much worse. Saturday is usually looked for in this market to redeem to some extent the failures of preceding days, but on this occasion the market went broke. For a cool season the quantity of stock that arrived May 6 was surprising. As to sweet

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

peas, it would be more appropriate to say that they came by the bale than by the box, and most of it good stock, too; but, when there is not a demand for half of it, what can be done with the remainder? It has seemed to us for years that just as soon as a good thing reaches this market all the growers jump in and spoil it. Of course, this condition cannot be expected to last long, but it is discouraging while it does last. Another feature that has been overdone is the growing of Spanish iris. We formerly saw a reasonable amount of it, which moved freely; now it comes in by the tens of thousands. It is an attractive feature, but in oversupply. Violets may as well be counted out for this season.

Dr. William H. Allen, director of the Institute for Public Safety, has written a letter to Park Commissioner Cabot Ward, protesting against the granting of concessions for restaurants in which alcoholic drinks are sold, in Central park. Dr. Allen amplified his letter by a statement which in part follows: "We have urged the park commissioner to advertise that no bids will be received next Wednesday and to draw up new advertisements and new contracts which will express modern ideas of park use and public recreation. Whatever is done with regard to dancing, we believe that parents, teachers, and social workers—and policemen—of this city will be shocked when they take in the fact that Park Commissioner Cabot Ward proposed to install in McGown's Pass tavern and the casino a combination of alcohol, tobacco, dancing and 50-cent table d'hôte." The writer believes that this is an eminently correct view. A public park, largely patronized by young men and women, is no place for "booze."

It has been said that one man's loss is another man's gain, but taken in the aggregate, we doubt it. As noted in our issue of May 6, the market gardeners and seedsmen are losing on ac-



Mention the American Florist when writing

count of the activities of the munition factories. This war cannot last forever; in fact, there are pointed indications that it will not last long. The feverish desire for high wages has drawn thousands of men away from steady and healthful employment. When the munition factories shut down, as sooner or later they must, will these men have gained?

The new store of J. H. Small & Sons, 505 Madison avenue, corner of 52d street, was opened for business May 1. As one of their competitors naively remarked: "When it comes to a fine display, Small has us all skinned alive." We shall elsewhere refer to this store. John H. Small came from Washington for the opening, and was greatly pleased. He looks as young as when we first knew him, nearly 20 years ago, which is more than can be said of most of us who have passed the half-century mark.

The spring inspection of the New York botanical gardens, Bronx Park, took place on the afternoon of May 4. Many invitations were sent out by the board of managers and the

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WHOLESALE FLORIST
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 3864 Farragut.

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115 W. 28th St., NEW YORK
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 Fine stock of all the
NEW ROSES,
Carnations, Sweet Peas
AND EVERYTHING IN CUT FLOWERS.
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 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
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 American Beauty Roses a specialty. Roses,
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Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
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Wholesale Flower Markets

NEW YORK, May 10.	Per 100
Roses, Beauty, special.....	8 00@15 00
extra and fancy.....	10 00@12 00
No. 1 and No. 2.....	3 00@ 5 00
Prima Donna, special.....	3 00@15 00
Alice Stanley.....	1 00@ 8 00
Francis Scott Key, special.....	1 00@ 8 00
Mrs. Geo. Sawyer.....	1 00@ 6 00
White Killarney, special.....	1 00@ 6 00
Killarney, My Maryland.....	4 00@ 6 00
special.....	25@ 2 00
No. 1 and No. 2.....	1 00@ 8 00
Queen.....	50@ 6 00
Brilliant.....	1 00@ 8 00
Aaron Ward.....	25@ 5 00
Richmond.....	25@ 5 00
Sunburst.....	1 00@ 8 00
Taft.....	1 00@ 8 00
J. L. Mock.....	25@ 5 00
Hadley.....	3 00@20 00
Ophelia.....	25@ 5 00
Mrs. Chas. Russell.....	1 00@ 8 00
Hoosier Beauty.....	1 00@ 6 00
Ulrich Brunner.....	2 00@25 00
Cattleya Orchids, special.....	75 00
inferior grades.....	15 00@30 00
Lilies, Longiflorum and Harrisii.....	2 00@ 4 00
Lily of the Valley.....	3 00@ 4 00
Carnations.....	1 00@ 2 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 00@ 2 50
Smilax..... doz. strings.	1 25@ 1 50
Gardenias..... per doz.	75@ 1 00
Sweet Peas, orchid flowered.....	25@ 75
Mignonette..... per doz., 50c@ \$1.00	
Lavender Lilac..... per bunch.	\$0.15@ \$0.25
Snapdragons..... per doz.	75@ 1 00
Callas..... per doz.	75@ 1 50
Iris, Spanish.....	2 00@ 4 00
Daisies, Yellow.....	50@ 1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Mention the American Florist when writing

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

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WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
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WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066
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WHOLESALE FLORISTS
John Young & Co.
 54 West 28th St. New York
 Consignments Solicited

NEW CROP

Fancy Ferns	\$1.35 per 1000
Dagger Ferns	1.15 per 1000
Green Sheet Moss	\$1.75 per bag
Perpetuated Moss	3.50 per bag
Huckleberry Foliage	\$2.50 per case
Lyrata (Evergreen Oak Foliage)	2.50 per case
Edward A. Beaven, Evergreen, Ala.	



JOIN THE LEADERS

We supply the leading florists throughout the United States who recognize Arnold Boxes as those which best fill their needs as to Quality, Style and Price. Prices quoted and samples sent on request.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

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Retail Florists



Now is the time to prepare your advertising for May, covering

Spring Planting Mother's Day
Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

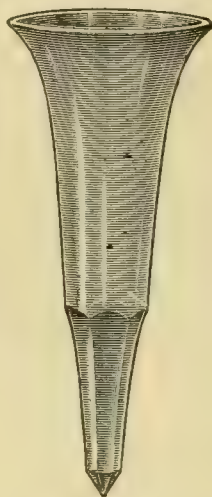
women's auxiliary. Some time was spent in viewing the palm collection and the flower gardens, after which many other points of interest were visited. Tea was poured in the Museum building at 4:30. The women's auxiliary is headed by Mrs. Henry Marquand.

A meeting of the alumni of past presidents of the New York Florists' Club was held at Traendly & Schenck's, May 8. The following were present: A. S. Burns, Frank Traendly, Wm. H. Duckham, Walter F. Sheridan, C. H. Totty, Jos. A. Manda, W. H. Siebrecht, Sr., Chas. Weathered. A. S. Burns is president and Joseph A. Manda, secretary. This is a social organization, and we understand that a leading feature will be a monthly re-union and dinner.

A meeting of the executive committee of the American Rose Society was held at the office of Traendly & Schenck on the afternoon of May 8. There were present: S. S. Pennock, Admiral Aaron Ward, Benjamin Hammond, H. O. May, Robert Pyle and Prof. Mulford, of Washington, D. C. A more detailed report will later be furnished by Secretary Hammond.

The annual meeting of the Cut Flower Exchange was held May 6. Important business transacted was the election of five directors. Frank Milang, Anton Schultheis, Fred Smith and John Schneider were re-elected. Philip F. Kessler, who declined re-election, was succeeded by George Golsner. We understand that the exchange is in a prosperous condition.

M. A. Bowe is now well established in his new store, 332 Fifth avenue, and reports good business. Mr. Bowe is yet a comparatively young man. He started at the foot of the ladder and



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.
Can be supplied in green or white.
Dozen, \$3.00; barrel of 3 dozen, \$7.50.
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO

31-33 W. Randolph St.,

NEW YORK

43 Barclay St.

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc..
supplied in any quantity. A few on my list:

FERNS—Adiantum, Blechnum, Aspidium, Asplenium, Gleichenia, Todea.

PALMS—Calamus Muellieri, Kentia Monostachya, Livistonia Australia, Seaforthia elegans, Areca Baueri, Macrozamia.

OTHER LEAVES—Lomatia, Grevillea robusta, Australian Moss, Restia Tetraphyllus.

Samples and quotations forwarded on application to

MARK BROWNE, 68½ Pitt St., SYDNEY, N. S. W., Australia

Cable: "NIAOULI, SYDNEY." Codes A. B. C. 5th and Western Union.

has worked up to be one of the most successful retailers of this city and deserves credit for it.

P. F. Kessler, in the Coogan building, is receiving nice outdoor lily of the valley, which we believe sells about as well, if not better, than the average indoor stock, much of which, for some reason, is poor.

G. E. M. Stumpp, with several of his men, is at Southampton, L. I., making preparations to reopen his summer store at that place. We understand that last year he had a very successful season.

The Walter R. Siebrecht Co. has been receiving about 4,000 Spanish irises per day and it is fine stock, but must take chances with the rest of the surplus.

Max Schling, in addition to the usual run of cut flower orders, is now very busy with landscape, window box and vase work.

A. F. F.



ACTUAL
SIZE

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GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box \$1.50
5 boxes for 7.00

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Established in 1857.



739 Buckingham Place.
L. D. Phone, Graceland 1112.
Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Martin J. Seeger



Eighth and Locust Sts.
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Telegraph orders filled on short notice in St. Louis and rest of Missouri.



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Successor to Sievers & Boland

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60 KEARNEY STREET

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WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R.I.

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NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

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Largest and most centrally located store in the city. All orders given prompt attention

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Wire and Mail Orders Our Specialty.

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Retail Store. Greenhouses.

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A. LANGE,

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For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
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LEADING FLORISTS.

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NEAR GARFIELD PARK

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AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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A. Graham & Son

5523 Euclid Ave.

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Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.
NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York, Washington, D.C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists: NEW YORK
We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
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Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

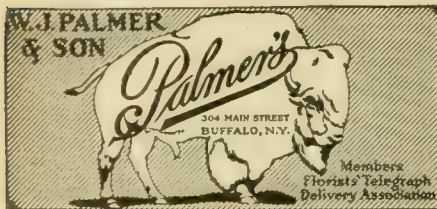
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"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Members of Florists' Telegraph Delivery.



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Henry Hart, Inc.

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1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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Hess & Swoboda
FLORISTS

1415 Farnum St.

PHONES:
1501 and L1582

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NEW YORK.

No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Oakland, Calif.

Thorsted' Floral Co.,

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Pueblo, Colo.

D. M. McMurray

FLORIST

105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist

603 Title Guarantee Bldg.

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers All kinds of Decoration a Specialty
Phone A-2550 229 W. 4th Street

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

VAN METER FLOWER SHOPSPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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OF THE

United States and Canada

Price \$3.00 Postpaid.

American Florist Co.,

440 S. Dearborn St..

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Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.**High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.
Members of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST



WASHINGTON

D. C.

Gudes'

Members of Florists' Telegraph Delivery.

San Francisco, Calif.

233-235 Grant Avenue.

JOSEPH'S Flowers, Fruits, Favors
FLORISTS

B. M. JOSEPH. Phone Sutter 423.

Novelties for "Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Denver, Colo.

The Park
Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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**J. S. Wilson Floral Co.**

We cover all points in Iowa.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

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SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

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Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch " 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—The Alexandria Florist.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oakland, Calif.—Thorsted Floral Co.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco, Cal.—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Steuenville, O.—Huscroft's Flower Shop.
Terre Haute, Ind.—J. G. Heini & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evensen Bros. Co.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Points

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Schiller The Florist
222 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS, FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City
Houston, Texas.

Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman
(Successor to Geo. A. Heidl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross
Orders properly cared for.
Member of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop
173 North Fourth Street
All Orders Promptly Executed

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

KANSAS CITY, MISSOURI.

Rock's FLOWERS
Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

CHICAGO



Mangel The Palmer House Florist
17 E. MONROE ST.

C. H. FREY Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.
Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark
Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE OKLAHOMA.
Members of Florists' Telegraph Delivery.

Sedalia, Missouri.
Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
Members of Florists' Telegraph Delivery.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.
Potter Floral Co.
Member of Florists' Telegraph Delivery.

Rockford, Ill.
H. W. BUCKBEE.
Member of Florists' Telegraph Delivery.

Telephone 1813 Main JOS. LEVY
BROOKLYN

Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.
Mention the American Florist when writing

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS, 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Mention the American Florist when writing

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Mention the American Florist when writing

Kansas City, Mo.

Samuel Murray,
1017 Grand Avenue

Member of Florists' Telegraph Delivery.
Mention the American Florist when writing

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.
Mention the American Florist when writing

Michigan. Orders will be carefully cared for by
HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.
Mention the American Florist when writing

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

St. Louis, Mo.

WIRE
Grimm & Gorly

BELLE WASHBURN

Plants in 2½-inch Pots Ready for Bench or Field

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The Best Red Carnation. Young plants in 2½-in. pots,
\$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago, Ill.
GREENHOUSES, HINSDALE, ILLINOIS.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Ageratum, 6 varieties.....	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera.....	2.00	18.50	3.00	25.00
Alyssum.....	2.00	18.50	3.00	25.00
Begonias, Gloire de Chate- laine.....	2.00	18.50	3.00	25.00
" Luminosa.....	3.00	25.00	4.00	35.00
" Vernon.....	2.00	18.50	3.00	25.00
Cannas, good varieties.....			3.00	25.00
King Humbert.....			4.00	30.00
Coleus, 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea, Platycentra.....	2.00	18.50	3.00	25.00
Fuchsias, (in varieties).....	2.00	18.50	3.00	25.00
Geraniums, Standard var.	2.00	18.50	3.00	25.00
Heliotrope, Mme. Bruant and Chieftain.....	2.00	18.50	3.00	25.00
Lantanas, 6 varieties.....	2.00	18.50	3.00	25.00
Lemon Verbenas.....	2.00	18.50	3.00	25.00
Moonvines.....	2.00	18.50	3.00	25.00
Parlor Ivy.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.50	3.00	25.00
Senecio Argentus and Dusty Miller.....	2.00	18.50	3.00	25.00
Swainsona, white and pink.....	2.00	18.50	3.00	25.00
Verbenas, separate colors.....	2.00	18.50	3.00	25.00
Vinca.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

MISCELLANEOUS PLANTS.

	Per 100
Hardy English Ivy, 2 and 3 plants to 3-inch pot.....	\$ 5.00
New Clematis Paniculata, 2½ and 3 in. pot.....	4.50
American Beauty Geraniums, 4-in. pots, in bloom extra fine and well-shaped plants.....	12.00
Asparagus Plumosus, 3-in. pots, ext. strong Variegated English Ivy, white and green, 2½-inch.....	5.00
French Marigolds, 3 in.....	3.00
Scarlet Sage, 3-in.....	3.00
Very Dwarf Alyssum, 3 in.....	3.00
seedlings, extra fine.....	
fit for 2½-in. pots.....	1.00
Lobelia, 3-in. pots.....	3.00
Nasturtium, 2½ in. pots.....	2.50
Asparagus Sprengeri, 4-in. pots.....	8.00
Dracaena Indivisa, 3 in. pots.....	5.00

Cash with order please.

SAMUEL V. SMITH,
3323 Goodman St., Philadelphia, Pa.
(Near 11th and Westmoreland Sts.)

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....	\$10.00 per 1000
Ricard and Poitevine.....	12.50 per 1000
Asparagus Plumosus.....	25.00 per 1000
Petunia, 3 inch.....	3.00 per 100
Salvia Zurich, 3 inch.....	3.00 per 100
Buddleia Magnifica.....	5.00 per 100
Buddleia Asiatica.....	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3.00	25.00
Milady.....	4.00	35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Ophelia.....	5.00	40.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Miscellaneous Stock For Florists

Asparagus Sprengeri, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00 per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00 per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Petunia, Giant Ruffled, and Rosy Morn, 2½ in. pots, \$2.50 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Fern, Teddy Jr., 2½ in. pots, \$5.00 per 100, \$45.00 per 1000.
Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in..... doz.,	\$1.00; 100,	\$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Robert Craig Co..

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

SWEET CORN is in good demand.

VISITED CHICAGO: Henry Nungesser, of the Nungesser-Dickinson Seed Co., New York.

THERE has been an increased demand for garden beans this week and nearly all kinds are sold out.

It is reported from Fremont, Neb., that the ground is dry and that wheat is beginning to show damage, some fields being plowed to replace the wheat with corn.

THE Los Angeles Times of April 30 says that congress at Washington is full of petty graft. Absence of big men is noticeable and mileage grabbers and free seed men are prominent.

OMAHA, NEB.—The Stewart Seed Co. reports splendid business in seeds, plants and garden supplies of all kinds. The store has been redecorated and presents a very attractive appearance.

VISITED NEW YORK: J. Chas. McCullough, of Cincinnati, O., and A. J. Brown, of Grand Rapids, Mich., were in the city May 6, stopping for bait on their way to the fishing grounds down Chesapeake bay.

THE American Seed Trade Association meets at Chicago, June 20-22. Seedsmen who desire to join and participate in the proceedings should write Secretary Kendall at Cleveland, O. The association is needed by every seedsmen.

FRENCH advices at the end of April indicate that two kinds of Narcissus, Trumpet Major and Soleil d'Or, are scarce items. It is believed that the stiff prices already asked for Narcissus Paper White Grandiflora will show a tendency to go up.

CHICAGO.—Prices for grass seed on the Board of Trade May 10 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Corn planting begins the coming week. A panicky demand for live seed has been expected, but is not yet at hand. Seed potatoes are lower.

NEW YORK.—In the downtown seed trade district business seems to have been exceptionally good the past week and this week opened with great activity. At Henderson's, Vaughan's, MacNiff's, Elliott's, Thorburn's and other stores, May 8, they seemed to have all the business they could handle.

ONION SETS of the 1916 crop at Chicago will be owned by growers as well as by contracting jobbers, since more growers than usual have made outright purchases of the seed, and will take their chances in selling the product on the open market. Just at the close of the season some attractive cut prices were made by certain overstocked California seed growers and the low rate tempted the local truckers to speculate on a supply for their acreage.

HARRISBURG, PA.—Heroic effort on the part of Mrs. Holmes, wife of H. L. Holmes, of the Holmes Seed Co., saved the life of a domestic in the Holmes residence when her clothing became ignited from a match. The girl was severely burned and Mrs. Holmes also suffered painful injury to both hand and arms from the flames.

California Frost Injury.

L. W. Wheeler, of the Pieters-Wheeler Seed Co., Gilroy, advises that heavy frost, May 7, seriously injured sweet peas in the San Juan and Watsonville sections. The damage is irregular and can not be estimated at present. Grapefruit, potatoes and truck crops are badly damaged in the great Sacramento valley. This is the latest killing frost found in the 40 years' record of the weather bureau.

Rocky Ford Melons.

Muskmelons of the Rocky Ford type, grown in localities other than Rocky Ford, Colo., may be labeled "Rocky Ford," provided the name of the state or territory where the melons are produced is stated on the principal label, according to a recent decision of the United States bureau of chemistry. This decision was reached for the reason that the term "Rocky Ford," as applied to muskmelons, has come to mean a particular type of muskmelon grown in various localities of the United States.

Government Helps Co-operative Combines.

TO DETRIMENT OF SMALL MERCHANTS.

Flour & Feed calls attention to the fact that Secretary Houston, of the United States department of agriculture, deems it the legitimate duty of state and county agents to organize co-operative associations. The paragraph in question is as follows:

"The department considers it a legitimate function of the county agents to aid the farmers in organizing associations for the co-operative purchase of farm commodities. The agent is expected to assist in an advisory way such associations in purchasing their farm supplies upon the best possible terms."

Flour & Feed discredits this attempt to eliminate the local dealer in the various county towns, believing that such dealer is an absolute necessity to the consumer and should not be driven out of business, that he is already governed by competition and it should not be the duty of the United States agents to drive him out of business.

There would be no end to possible government operations of this kind, already widely extended, if the government is to hire experts in every line. Undoubtedly the government has just as much right to arrange for co-operative buying of cut flowers and blooming plants and establishment of agents therefor, doing away with the local florist and seedsmen as they have to establish county agents for practically the same purpose in country districts.

Clark Seed Co. Expands.

The Everett B. Clark Seed Co., of Milford, Conn., has just purchased the two adjacent seed growing establishments, including farms, buildings, and equipment of Albertus N. Clark and Clifford E. Clark, seed growers of long standing. The two farms are so situated between their own original farm and the Fenn farm purchased a year ago, as to join the two and make their present holdings one complete whole. Albertus N. Clark, in retiring from the seed growing business, thanks his numerous friends for their many years' patronage.

Shipping Documents Not Delayed.

IMPORTANT TO IMPORTERS.

Lord Robert Cecil, Minister of War Trade of Great Britain, on May 6, 1916, made the important announcement of certain orders in council in the nature of concessions to neutral trade, among which is the following order:

"Business documents from shippers to and from neutral countries will be placed in a separate bag, which will receive immediate examination, and will proceed on the ship on which it was originally mailed. No guarantee will be given that this bag will not be opened, but shippers will be assured that there will be no delay."

This is a confirmation of the agreement made at a conference between Sir Richard Crawford, of the British embassy at Washington, D. C., with Curtis Nye Smith, the counsel for the seed and nursery trade associations, on March 30, 1916, in order to overcome the very serious difficulties arising from the action of the British censor in holding up shipping documents of the seed and nursery stock shipped from neutral countries to American importers.

American Seed for Ontario.

Seeds are exported from Prince Edward county, in the Kingston consular district, to all parts of the world. This year, however, grass and all other seeds are being imported from the United States, and importers state that the demand is so great that they experienced difficulty in filling orders. The shortage of seeds is attributable principally to unfavorable weather conditions, lack of labor, and less acreage grown. More seeds will be planted this spring than ever before; vegetables of all kinds are to be raised. The canneries in this district have dis-

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

LILY BULBS**FALL DELIVERY**

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

posed of last year's surplus stock and with orders now on hand for the coming season, they will be kept very busy. The canning industry of Prince Edward county is the principal and most important of its kind in the Province of Ontario.

To Inoculate Seed.

Coating the seed of legumes with inoculated soil before planting is a simple method of insuring soil inoculation at slight cost. County agents in Illinois have found ordinary furniture glue effective in holding particles of inoculated soil to the seeds. This method gives each individual seed some of the particles of inoculated soil which it carries with it when it is planted. The scheme requires but a small amount of inoculated soil and costs but a few cents an acre. The method is described in Farmers' Bulletin 704 of the United States department of agriculture.

Dissolve two handfuls of furniture glue for every gallon of boiling water and allow the solution to cool. Put the seed in a washtub and then sprinkle enough of the solution on the seed to moisten but not to wet it (1 quart per bushel is sufficient) and stir the mixture thoroughly until all the seeds are moistened.

Secure the inoculated soil from a place where the same kind of plants as the seed are growing, making sure that the roots have a vigorous development of nodules. Dry the soil in the shade, preferably in the barn or basement, and pulverize it thoroughly into a dust. Scatter this dust over the moistened seed, using from one-half to one gallon of dirt for each bushel of seed, mixing thoroughly until the seed no longer stick together. The seed are then ready to sow.

Imports at New York.

During the week ending May 6, imports were received at New York, as follows:
From Rotterdam, Holland (Str. Noordam):
MacNiff Horticultural Co., 202 packages trees, etc.
Elliott Auction Co., 42 packages trees.
Chas. Schwake & Co., 26 packages trees.
G. Myer, 8 tubs trees.
From Rotterdam (Str. Ryndam):
MacNiff Horticultural Co., 388 cases and packages trees and plants,
Elliott Auction Co., 102 packages trees and plants.
F. R. Pierson Co., 20 cases plants.
Julius Roehrs Co., 22 cases plants.
McHutchison & Co., 57 cases trees.
Wadley & Smythe, 227 cases trees.
S. D. Woodruff & Sons, 12 cases bulbs.

FRENCH BULBS

Buy them from a French firm who has a French agent.

BREMOND FRERES,

The Oldest and Most Renowned French Exporters,

OLLIOULES Var., FRANCE,

Can supply you with the highest grade of bulbs at the most favorable market rate.

Their traveling agent, **JACQUES COURTINE**, is now in the States, quoting firm prices for next summer delivery.

Write him for an appointment,

Hotel La Fayette, University Place, New York City

Mention the American Florist when writing

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF—Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

ENGLISH
CORRESPONDENCE.

Our traveling salesman, **MR. LAWRENCE S. PAYNE**, who has been calling on the American trade for many years past, will leave for his annual trip early in June.

HIGH TEST 1914 SEED CORN

Yellow Dent	Hand Picked	Yellow Dent	Hand Picked
King of the Earliest.....	\$1.85	Reid's Early.....	\$1.60
Pride of the North.....	1.85	Funk's Early 90 Day.....	1.75

Samples and special prices for Commercial grade and carloads upon request.

WESTERN SEED & IRRIGATION CO.

WHOLESALE SEED GROWERS

FREMONT, - - - - - NEBRASKA.

ONION SETS?
LEONARD SEED CO.

226-230 W. Kinzie St.,

Telephone Main 2762.

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Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BARNARD'S
Seed Store
231-235 W. Madison St.
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BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
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Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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Arthur T. Boddington Co., Inc.

SEEDSMEN

128 Chambers St., New York

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

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Correspondence Solicited. SWEDESBO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

L. CLAUSE

(Established 1796.)

BRETIGNY - sur - ORGE (S. & O.)
near Paris, France,

Grower and exporter of

HIGH CLASS SEEDS

for the wholesale trade.

Just the grade of seed you need, if you sell
to market gardeners.

Will send over early in May next his travel-
ing salesman, Mr. Jacques Courtine, to call
on the American trade.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

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Always mention The American Florist
when writing. : : :

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter.

New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

Leaves	In. high	Each	Per doz.
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	18.00

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....4.....	8 to 10.....	\$1.50	
3-in. pot.....5.....	12.....	2.00	
4-in. pot.....5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	26.....	1.25	15.00
6-in. pot.....6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	42 to 45.....	4.00	48.00
9-in. cedar tub.....	45 to 48.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Mention the American Florist when writing

VALLEY FROM STORAGE

Bruns' Celebrated Chicago Market
Brand, \$22.00 per 1000; \$11.50 per
500; \$6.00 per 250.

Florists' Money Maker, \$18.00 per
1000; \$9.50 per 500; \$5.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

GLADIOLI

All First Size Bulbs. Per 1000

America.....	\$11.00
Augusta.....	12.00
Francis King, scarlet.....	10.50
Halley, sal pink.....	16.00
Independence, rose pink.....	11.00

TUBEROSES

Double Pearl, 1st size.....	\$12.50
S. Armstrong, 1st size.....	13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho
MILFORD, CONN.

Mention the American Florist when writing

CARNATIONS

STANDARD VARIETIES

Per 100	1000	Per 100	1000
Pink Sensation.....	\$6.00 \$50.00	White Wonder.....	3.00 25.00
Alice.....	6.00 50.00	White Enchantress.....	\$3.00 \$25.00
Matchless.....	3.50 30.00	Rosette.....	3.00 25.00
Champion.....	3.00 25.00	Enchantress.....	3.00 25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Mention the American Florist when writing

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly
reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, CALIF.

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard, Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held September, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, May 9.—Mushrooms, home grown, No. 1, 35 to 50 cents per carton; lettuce, cases, 22½ to 30 cents; radishes, 25 cents to 50 cents per doz. bunches; celery, \$1.50 to \$2.00 per crate; tomatoes, six baskets, \$1.50 to \$2.75; cucumbers, per doz., 75 cents to \$1.25.

New York, May 9.—Celery, per 12-inch crate, \$1.00 to \$1.75; cucumbers, 75 cents to \$1.25 per dozen; mushrooms, 40 cents to \$1.75 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, \$2.00 to \$3.00; lettuce, per strap, \$2.00 to \$4.00; rhubarb, per dozen bunches, 25 to 35 cents.

Strawberry Acreage Report.

The acreage in strawberries in 19 states is estimated by the United States department of agriculture, bureau of crop estimates, to be 111,543 acres in 1916 as compared with 93,155 acres last year, an increase of 19.7 per cent. The condition of the crop, April 1, 1916, was as follows: New Jersey, 95; Delaware, 82; Virginia, 90; North Carolina, 85; South Carolina, 80; Florida, 69; Kentucky, 99; Tennessee, 95; Alabama, 80; Mississippi, 77; Louisiana, 85; Texas, 65; Arkansas, 92; Washington, 93; Oregon, 90; California, 94. No figures are available for May 1, but it is thought no material change has taken place and the condition of the crop throughout the country may be considered excellent.

Summer Treatment of Greenhouse Soil.

The application of commercial fertilizers to greenhouse soils is not a common practice and it is generally conceded that their use on good, well prepared composts is of little value. Experiments conducted at the Ohio agricultural experiment station, Wooster, and described in Bulletin No. 43, issued by that station, show that the application of nitrogenous fertilizers to tomatoes, lettuce and radishes is without decided benefit when these crops are grown on sod compost. Extended experiments by Stewart with Grand Rapids lettuce lead to the conclusion that to show results with commercial fertilizers a soil must be used that is somewhat deficient in plant food, according to Bulletin No. 84 of the Indiana agricultural experiment station. In experiments conducted to determine the relative value of commercial fertilizers and stable manure, Beach and Hasselbring, in New York experiment station Bulletin 208, issued at Geneva, report that the use of commercial fertilizers without stable manure resulted in an increased yield, but proved inadequate for forcing lettuce in a sufficiently short time to be profitable. The best crops were grown where the soil was fertilized with manure alone.

The use of commercial fertilizers is attended with many dangers and an indiscriminate application is almost certain to lead to disaster. An overdose of chemicals tends to inhibit root absorption, which in the greenhouse, where transpiration is very great, at times causes serious troubles. Very acid conditions are quickly brought about by the use of large amounts of fertilizers having acid constituents, and the effects of undesirable residues is a constant danger. Greenhouse soils are not subject to the leachings which heavy rains constantly give field soils, hence there is more danger from this source in the greenhouse than in the field.

Pittsburgh.

MARKET STOCKED TO OVERFLOWING.

The first real glut has made its appearance and we are loaded up with quantities of roses, carnations, tulips, etc., due to the warm, sunshiny weather. Business has also fallen off greatly, and selling cheaply to the street fakirs affords the only real outlet for the enormous cuts which are consigned day by day. Prices will fare much better for Mothers' day, however, and although an enormous supply of flowers is expected for this great holiday, there is sure to be an early exhaustion of stock. Carnations will, of course, be in the greatest demand, but the wholesale houses will take orders only in an equal amount of white and colored, at a general price of \$6 per 100 for all colors. This will also serve as a protection for the legitimate retailers against the many "dealers", who have heretofore taken advantage of these holidays and are never heard from until the next good holiday finds them back in the business.

NOTES.

George Wessenauer of Sewickley has added a new White truck to his delivery service. His combination conservatory and salesroom affords a pretty and attractive sight to the passerby.

Randolph & McClements have sold their flower shop in the William Penn hotel to the hotel management, who will continue the business independently from now on.

Joseph Seaman, a former retailer of Washington, Pa., but now with the Hayman Greenhouse Company, Clarksburg, W. Va., visited friends here recently.

W. P. Gallaher, formerly of Gallaher & Franks, has announced his new location as 231 Diamond street, where he will continue business for himself. Karl Klinke has removed his place of residence from Walnut street, E. E., to Mississippi street, Dormont borough.

E. J. McCallum has purchased a new Overland touring car for personal use.

G. M.

Providence, R. I.

Stock in general has been very plentiful this week, with carnations almost glutting the market. Sweet peas are also coming in fast, but sell well. Outdoor daffodils are arriving, and the quality of these is very good. Several large funerals during the past week made a good demand for funeral work and the orders were well divided. Mothers' day business this year should be a hummer and the effect of the day a year ago, when a good demand was stimulated, should be felt this year.

Visitors: George Hermann, of A. Hermann, New York; Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia, Pa.

Bourgalze & Sons, of Hoxie, are supplying most of the outdoor daffodils that come to this market.

H. A. T.

Rochester, N. Y.

There is an abundance of cut stock of all kinds and the quality is very good. Roses are exceptionally good and sweet peas are arriving in large numbers and the price is consequently lower.

NOTES.

George B. Hart is handling an immense amount of out-of-town business, some of his shipments going as far west as Cleveland. He has recently purchased a new auto truck.

Edwin C. Kaehler had an attractive window display last week, fancy baskets with trellises, filled with spring flowers, being featured.

Wm. Keller of J. B. Keller Sons has returned from a short business trip.

CHESTER.

PROVIDENCE, R. I.—Thomas Burke, father of John T. Burke, of the well-known firm of Burke & Burns, florists, of this city, died, April 26, from injuries resulting from being struck by an electric car. He was 75 years of age, and had retired from active business after a successful career.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark

AMERICAN SPAWN CO., St. Paul, Minn.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Fancies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

BOXWOODS-KENTIAS

HYDRANGEAS--RAMBLER ROSES, ETC.

Extra fine quality stock at very reasonable prices. Order today.



BOXWOOD.

BOXWOODS.		Each
Bushes, 10-in.	.....	\$0.25
Bushes, heavy, 12-in.	.....	.35
Bushes, 15-in.	.....	.60
Bushes, 18-in.	.....	1.00
Bushes, 24-in.	.....	1.50
Pyramids, 24-in.	.....	2.50
Pyramids, 36-in.	.....	3.00
Standards, 12-in. to 18-in. stems, 15-in. crowns	.....	2.00
Standards, 24-in.	.....	\$3.00 and 3.50
Standard Globes, with short stems, 16-in. to 18-in. heads.	.....	4.00
Square Block, short stems, 12x12-in.	.....	1.50
Square Block, short stems, 15x15-in.	.....	2.00



Stock You Need Now

	Per 100
Geraniums, 3 1/2-in.	.....\$7.00
Cannas, mixed, 4-in.	.....7.00
Vincas, variegated, 3-in.	.....7.00
Caladiums, 3 1/2-in.	.....7.00

BLOOMING PLANTS

RAMBLER ROSES.

5-in., in bud and bloom, 35c each.

HYDRANGEAS. In Bloom

35c, 50c, 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each.

KENTIA FOSTERIANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-in.	4	8 in.	.....	\$1.50	\$12.00
3-in.	4-5	8-10 in.	.....	2.00	15.00
4-in.	4-5	14-16 in.	.....	4.50	35.00
5-in.	5-6	16-18 in.	\$ 0.50	6.00	.....
6-in.	strong		\$1.50 and \$1.75		
7-in.	6-7	36-40 in.	2.50 and 3.00		
8-in.	6-7	64-68 in.	\$ 9.00	.....	.....
9-in.	6-7	72 in.	11.00	.....	.....
9-in.	7-8	80-84 in.	12.00	.....	.....
9-in.	7-8	84-88 in.	15.00	.....	.....



KENTIA BELMOREANA.

Size	Leaves	Height	Doz.	Per 100
2-in.	4	8-in.	\$1.50	\$12.00
3-in.	4-5	8-10-in.	2.00	15.00
4-in.	4-5	12-14-in.	4.50	35.00
5-in.	5-6	15-18-in.	6.00	50.00
6-in.	compact,	extra fine plants,	\$1.50	
	each.			

6-in., extra strong, \$1.75 each.

Size	Leaves	Height	Each
7-in.	6-7	26-28-in.	\$ 2.00
7-in.	6-7	30-32-in.	2.50
8-in.	6-7	60-in.	10.00

KENTIAS—MADE UP.

	Each
Belmoreana, 6-in.	.....\$ 1.50
Belmoreana, 7-in.	.....\$2.50 and 3.00
Fosteriana, 6-in.	.....1.00
Fosteriana, in tubs, 5 ft. 6 in. to 6 ft. high	.....12.00



P. S.—Send us your Telegraph Delivery transfer orders for Chicago and vicinity. Our retail department offers facilities unexcelled for Quality and Service.

THE GEORGE WITTBOLD CO.

739 BUCKINGHAM PLACE,

L. D. Phone, Graceland 1112

CHICAGO, ILL.

Ipomoea Noctiflora (MOONVINES)

2 1/2-in. pots.....\$5.00 per 100
3-in. pots.....8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Ornamental Stock of Quality

CAN SUPPLY QUANTITY OF FOLLOWING ITEMS:

Azalea Mollis, bushy plants with plenty of buds—
12 to 15 in. high at 35c each, \$4.00 per doz, \$30.00 per 100.
15 to 18 in. high, at 45c each, \$5.00 per doz, \$40.00 per 100.
Boxwood—Pyramids, 36 in. high, very fine, \$1.75 each; 42 in. high, very fine, \$2.25 each; 48 in. high, very fine, \$3.25 each; 54 in. high, very fine, \$4.00 each.
Aristolochia Sipho (Dutchman's Pipe), Extra strong plants, 4 ft. of tops, 25c each, in any quantity.
Hydrangea, *Paniculata Grandiflora*, Tree form, 3 to 4 ft. bodies, fine heads, \$25.00 per 100. Bush form, 3 ft. high, \$10.00 per 100.
Hydrangea, *Arborescens Grandiflora Alba*, 3 to 4 ft. high, bushy, \$20.00 per 100, 2 to 3 ft., bushy, \$14.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

DALLAS, TEX.—The city has created a city forestry department with F. K. McGinnis as chief.

IMPORTERS will be interested in the recent orders in council of the British authorities covering the more expeditious manipulation of shipping documents, details of which will be found on page 908.

WYOMISSING, PA.—A corporation to be known as the Bertrand H. Farr-Wyomissing Nurseries Co. has applied for a charter. The incorporators are Bertrand H. Farr, Wm. P. Bowman, Ferdinand Thun, Wm. A. Goodman and L. L. Trowbridge. The capital stock is to be \$150,000.

LEESBURG, FLA.—W. Schmitt, an Austrian, who represents large interests, has purchased the holdings of E. H. Mote, one of the largest property owners in this section, including the Well-knit Nurseries, with about 1,000,000 citrus trees, and will develop them on a large scale.

Forsythias at the Arnold Arboretum.

Many flower-buds of these plants have been killed as they were two years ago. All the flower-buds in the lower part of the great forsythia bed on the slope above the Bussey Hill road are entirely killed, while on the plants in the upper part of this bed, although many buds have suffered, there are open flowers enough to make this part of the bed conspicuous. In the lower ground of the general shrub collection the flower-buds of all the species and varieties of forsythia have been entirely killed with the exception of those of the Albanian *F. europæa* which are uninjured. If the flower-buds of this species are better able to withstand cold than those of the other species, which are all natives of eastern continental Asia, the European plant should be better known and more generally cultivated. One of the last plants discovered in Europe, it is a vigorous, fast-growing shrub with more erect stems and branches than are usually found in the other species of this genus. The flowers are not quite so showy as those of *F. suspensa* and its hybrids and varieties, but they are always abundantly produced and of good color. This plant is still rare in gardens and it is doubtful if it can be found in American nurseries.—Arnold Arboretum Bulletin, May 5, 1916.

New or Noteworthy Fruits.

Under the above title the New York agricultural experiment station, Geneva, has issued Bulletin No. 414, containing 10 pages of interesting information on the subject, splendidly illustrated with color plates. In this bulletin, the author, U. P. Hedrick, states that in his belief all interested in better fruits should welcome new varieties and he calls particular attention to the following varieties of late introduction:

Perfect apple, which is regarded as an improvement over Baldwin, as it is a better keeper, being equally good in other qualities. At the station for three seasons it has been a month later in coming into edible condition and has remained in season a month or six weeks longer than Baldwin.

Rochester peach meets the need of New York growers who have long desired an early yellow freestone. Like the varieties, Edgemont and Niagara, it is a member of the Crawford group and is in several respects a marked improvement over the well-known Early Crawford.

Reine Hortense cherry is as good as any and better than most and has several qualities that fit it admirably for home plantings. The trees are almost dwarf and can be trained on walls or buildings. The flavor commingles the refreshing acidity of the sour cherry with the richness of the sweet.

Empire State grape compared with Niagara is as vigorous, as productive, as free from insects and fungi, is far better in quality and keeps longer. It approaches in flavor any of the good Old World sorts.

Herbert raspberry has been grown in New York for 10 years, more or less, but has not attained the popularity it deserves. It has great vigor, is harder than Cuthbert, and is nearly twice as productive. The berries are also more sprightly in flavor, a little larger, rounder, but unfortunately a little softer. The berries will carry to nearby markets, however, with ordinary care.

CRANFORD, N. J.—A retail store has been opened at 25 Union avenue by the H. & H. Florists.

TAMPA, FLA.—The increase in Easter sales over those of a year ago is estimated at about 15 per cent by the Tampa Floral Co. Prices were about the same as usual and there was a plentiful supply of stock. There was little call for plants of any kind.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

JAPANESE TEA GARDEN

—AND—

ROCKERY

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ROSES, CANNAS
Shrubbery
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Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

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We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam. Per 100	Diam. Per 100
Plants 10-12 in...\$12.00	Plants 16-18 in. \$ 40.00
" 12-14 in... 15.00	" 18-20 in.. 60.00
" 14-16 in... 20.00	" 20-22 in.. 80.00
" 15-17 in... 30.00	" 22-25 in.. 100.00

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ADRIAENSSENS FRERES,

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A Sport of

MRS. C. W. WARD

Will be disseminated
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BEGONIA BEGONIA

Luminosa Erfordii
SEEDLINGS

\$5.00 per 1000 Cash with order

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Roses, from 3-inch pots. Chrysanthemums
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IN BEST VARIETIES.

Prices low. Send for list.

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New York

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Spring List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO.

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CROMWELL, - CONN.

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ROSES

Field Grown, 2-Year Dormant

Per 100, \$12.00 While Unsold

Hybrid Perennials

Betty
Anna de Diesbach
Blanche Moreau
Baroness Rothschild
Captain Christy
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Hybrid Teas

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Crimson Rambler
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Flower of Fairfield
Hiawatha
Queen of Prairie
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Polyanthus

Phyllis
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Erna Teschendorff
Geo. Elgar
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Mad. Geo. Bruant
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Rugosa White
Rugosa Red
White Moss

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NEW YORK

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500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

1300 VINCA VARIEGATA

Out of 4 inch pots, \$12.50 per 100.

GERANIUMS, out of 3½ inch.....\$7.00 per 100

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION, MASS.

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CHRYSANTHEMUMS

Now Ready

Artista, Yellow Turner.	Each	Per 10	Per 100
Plants Only\$1.00	\$ 7.50	\$66.66
Josephine Foley.	Each	Per 10	Per 100
Plants Only	.....\$0.50	\$ 4.00	\$30.00
Mrs. R. C. Pulling.		Per 10	Per 100
Plants Only	.....\$2.50		\$20.00
Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$1.50	\$10.00	\$90.00
Rooted Cuttings	.....7.00		60.00
Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.		Per 10	Per 100
2 1/4-in. Pots	.....\$0.75	\$ 5.00	\$45.00
Rooted Cuttings	.....	4.00	30.00
White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$30.00
Rooted Cuttings	.....	3.00	25.00
Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Citronelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.		Per 10	Per 100
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$35.00
Rooted Cuttings	.....	3.00	25.00
Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Helen Frick, Ivory, Jeanne Nonin, Mile, Arlette Dubois, Mrs. B. E. Hayward, Mrs. H. Robinson, Patty, Pink Ivory, Ramapo, White Helen Frick, Yellow Ivory.		Per 10	Per 100
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....	2.50	20.00
Col. D. Appleton, Chrysolora, Clementine Touset, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonaffon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonaffon.		Per 10	Per 100
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....	2.00	17.50

Complete list of Pompons, Anemones and Singles. Prices on application.

Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.

Not less than 25 of a variety sold as rooted cuttings.

Reference or cash from unknown correspondents.

These prices are to those in the trade only.

Elmer D. Smith & Co., ADRIAN, MICH.

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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
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ALTERNANTHERAS

Red and yellow, 2 1/4 in	Per 100
Cannas, well started, 3 in	\$2.00
Geraniums, S. A. Nutt, 2 1/4 in	3.00
Asparagus Plumosus, 2 1/4 in	5.00
Asparagus Sprengerii, 3 in	2.00
Coleus, 10 varieties, good stock	4.00
Giant flowering Pansies, \$1.50 per 1000, Fall transplant	2.00
Choice mixed Verbenas, 2 1/4 in	.75
Petunias, May 10th, 2 1/4 in	2.00
Salvias, good stock, 3 in	2.00
Cash—	4.00

JOS. H. CUNNINGHAM, De'aware, Ohio

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

BEGONIAS

We make a specialty of begonias; you will like our stock: prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Chatelaine, 2 1/2-in.	\$ 5.00	\$ 45.00	Xmas Red, 2 1/2-in.	\$ 6.00	\$ 50.00
Chatelaine, 3-in.	8.00	70.00	Xmas Red, 3 in	8.00	70.00
Chatelaine, 4-in.	12.00	100.00	Xmas Red, 4-in.	10.00	90.00
Luminosa, 2 1/2-in.	2.50	20.00	Vernon, 2 1/2-in.	6.00	50.00
Luminosa, 3 in	4.50	40.00	Vernon, 3-in.	8.00	70.00
Luminosa, 4 in	6.00	50.00	Vernon 4 in.	10.00	90.00
Prima Donna 2 1/2-in.	2.50	20.00	Lorraine, 2 1/2-in.	12.00	100.00
Prima Donna, 3 in	4.50	40.00	Cincinnati, 2 1/2-in.	15.00	100.00
Prima Donna, 4-in.	6.00	50.00			

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2 1/4 inch..... \$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom.....4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties.....4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants2 1/4 inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2 1/2 inch\$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch.....\$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

Some Fine Stock.

	100	1,000
2 1/4-in. FUCHSIAS, 15 varieties..	2.50	22.50
2 1/4-in. MARGUERITES, 3 vars..	2.50	22.50
2 1/4-in. HELIOTROPES, 3 vars..	2.50	22.50
2 1/4-in. DOUBLE PETUNIAS, 15 varieties	3.00	25.00
3 1/2-in. GERANIUMS, any color, full of bud and bloom	7.00	65.00
2 1/4-in. VERBENAS, finest mixed.	2.50	22.50
2 1/4-in. CHRYSANTHEMUMS, 24 varieties	2.50	22.50
2 1/4-in. CYCLAMENS, 8 varieties	6.00	55.00
2 -in. AGERATUM, 4 varieties.	2.25	20.00
2 1/2-in. SALVIA, Bonfire and Splendens	2.50	22.50
2 1/4-in. CUPHEA, Cigar Plant... and an abundance of other stock.	2.25	20.00

If you have not received our Wholesale Price List offering Spring Bedding Stock and Vegetable Plants by the Million at Bargain Prices, write for one at once.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

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Cycas Stems

NEW ALL STOCK SIZES

Prices: 100 LBS. @ 8¢
500 LBS. @ 7¢

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CHICAGO NEW YORK

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Trade Directory

Price, \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 So. Dearborn Street,
CHICAGO.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market. Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100, \$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

ALTERNANTHERAS. 3 best colors out of hotbeds, extra nice, 2-in., \$17.00; out of ground, from beds, \$15.00. Orders booked or shipped at once. R. P. BOHLANDER, R. F. D. No. 1, Melrose Park, Ill.

ALTERNANTHERAS, red and green strong 2-in., \$1.50. MENARD'S, 5212 Danneel St., New Orleans, La.

ALYSSUM.

ALYSSUM. Little Gem, thumb pots, 1½c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum, very dwarf, 3-in., \$3 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 3-in. pots, extra strong, \$5 per 100. Asparagus Sprengerii, 4-in. pots, \$8 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

ASPARAGUS PLUMOSUS, thumb pots, June 1st, \$1.50 per 100; 3-in., ready now, \$5.00 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

ASPARAGUS SPRENGERII, bushy, 3 to 4-in. above pots, \$1.50 per 100. Sure to please. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

ASPARAGUS SPRENGERII, 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

ASPARAGUS PLUMOSUS and SPRENGERII, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengerii, 2-in., \$3 per 100; \$25 per 1,000. 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-inch, \$8 per 100; 2½-in., \$4 per 100. F. R. Pierson Co., Tarrytown, N. Y.

3-in. Sprengerii, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants. In flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden. Kalamazoo, Mich.

AZALEAS.

AZALEAS. Van der Cruysen, J. Llewellyn, Nibbe and Mrs. J. Vervene, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

Azalea Mollis. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50

ERNEST ROBER, Wilmette, Ill.

Begonias. We make a specialty of them.	
100	1,000
Chatelaine, 2½-in.	\$ 5.00 \$ 45.00
Chatelaine, 3-in.	8.00 70.00
Chatelaine, 4-in.	12.00 100.00
Luminosa, 2½-in.	2.50 20.00
Luminosa, 3-in.	4.50 40.00
Luminosa, 4-in.	6.00 50.00
Prima Donna, 2½-in.	2.50 20.00
Prima Donna, 3-in.	4.50 40.00
Prima Donna, 4-in.	6.00 50.00
Xmas Red, 2½-in.	6.00 50.00
Xmas Red, 3-in.	8.00 70.00
Xmas Red, 4-in.	10.00 90.00
Vernon, 2½-in.	6.00 50.00
Vernon, 3-in.	8.00 70.00
Vernon, 4-in.	10.00 90.00
Lorraine, 2½-in.	12.00 100.00
Cincinnati, 2½-in.	15.00 100.00
Pyfer & Olsem,	Wilmette, Ill.

Begonias from the "Florist of Buffalo" are the strong, sturdy kind. Anderson service back of every order: Lorraine, 2½-in., \$13.00 per 100 or \$125.00 per 1,000. Cincinnati, 2½-in., \$15.00 per 100 or \$140.00 per 1,000. Delivery May, June or July. S. A. ANDERSON, Buffalo, N. Y.

BEGONIAS—Delivery from May 15.

BEGONIAS—Delivery from May 15.	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00
JULIUS ROEHR'S CO.,	Rutherford, N. J.

Begonias. Gloire de Chatelaine and Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in. strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2½-in., \$12 per 100; \$100 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$135 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosa, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement elsewhere in this issue. Pyfer & Olsem, Wilmette, Ill.

Begonias, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozon Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.
BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.
THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. Well shaped plants. For sizes and prices, see advertisement elsewhere in this issue. A. Henderson & Co., 211 No. State St., Chicago.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood—Pyramids. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladiums, 3½-in., \$7 per 100. The George Wittbold Co., 739 Buckingham Pl., Chicago.

CANNAS.

Canna, King Humbert, 3-in., \$4 per 100; \$30 per 1,000. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Canna roots, \$2 per 100 up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CARNATIONS.

ROOTED CARNATION CUTTINGS.	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS., 162 N. Wabash Ave., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won Bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterberg, 158 North Wabash avenue, Chicago.

Carnations. Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, New York.

Carnations. New Crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

CAPE JESSAMINE.

Cape Jessamines, grandiflora. For prices, see advertisement elsewhere in this issue. Thos. C. Edwards, Alvin, Tex.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100	Per 1,000
Salomon Gold, yellow.....	\$2.00	\$18.00
Ramapo, yellow.....	2.00	18.00
Col. D. Appleton, yellow.....	2.00	18.00
Bonnafton, yellow.....	2.00	18.00
Chas. Razer, white.....	2.00	18.00
White Bonnafton, white.....	2.00	18.00
Dr. Enguehard, pink.....	2.00	18.00
Chrysolora, yellow.....	2.00	18.00
Halliday, yellow.....	2.00	18.00
Intensity, red.....	2.00	18.00
Lynwood Hall, white.....	2.00	18.00
Chieftain, pink.....	2.00	18.00
Alce Salomon, white.....	2.00	18.00
E. A. Seidewitz, pink.....	2.00	18.00
Clem. Touset, white.....	2.00	18.00
Bronze Touset, bronze.....	2.00	18.00
Early Touset, white.....	2.00	18.00
White Chieftain, white.....	2.00	18.00
Roman Gold, (yellow).....	2.00	18.00
Smith's Ideal, (white).....	2.00	18.00
Golden Queen, (yellow).....	2.00	18.00
Goldbee, white.....	2.00	18.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100	Per 1,000
Lulu, white.....	\$2.00	\$18.00
Baby, yellow.....	2.00	18.00
Overbrook, yellow.....	2.00	18.00
Mrs. Astor, yellow.....	2.00	18.00
Sabey, yellow.....	2.00	18.00
Cubit, tan.....	2.00	18.00
E. D. Godfrey, pink.....	2.00	18.00
Croesus, bronze.....	2.00	18.00
Tiber, brown and red.....	2.00	18.00
Meusa, white.....	2.00	18.00
Quinola, yellow.....	2.00	18.00
Pretoria, yellow.....	2.00	18.00
Zenobia, yellow.....	2.00	18.00
Mary Richardson, terra cotta.....	2.00	18.00
Agloi, variegated.....	2.00	18.00
H. Hicks, brown.....	2.00	18.00
Klondyke, yellow.....	2.00	18.00
Mrs. F. Beu, bronze.....	2.00	18.00
Sylvia, red.....	2.00	18.00
Sydonia, yellow.....	2.00	18.00
Miss Julia, yellow.....	2.00	18.00
Lillia.....	2.00	18.00
Mrs. Buckingham, pink.....	2.00	18.00
Souv. Melantheria, pink.....	2.00	18.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100. Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

CHRYSANTHEMUMS.

	Per 100	Per 1,000
WHITE		
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.00	15.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Linwood Hall.....	2.00	15.00
YELLOW		
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	.....
Bonnafton.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	.....
PINK		
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	.....
CRIMSON		
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	.....
J. D. THOMPSON CARNATION CO.,		
Joliet, Illinois.		

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 25¢ at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemums, 24 varieties, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

CINERARIA.

CINERARIAS, Dusty Miller, thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

COLEUS.

COLEUS. Christmas Gem, 2½-in., strong, \$3. Rooted cuttings, \$1.50. Red Verschaffeltii, Golden Bedder and good red, 2½-in., \$2 per 100. MENARD'S, 5212 Danneel St., New Orleans, La.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

BEST strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 2, 2½ and 2½-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 2, 2½ and 2½-in. pots.....	\$10.00
Rose of Wandsbek, bright salmon, 2, 2½ and 2½-in. pots.....	12.00
Schoene Dresdenin, soft salmon rose, 2, 2½ and 2½-in. pots.....	12.00
Pearl of Zehlendorf, bright salmon rose, 2, 2½ and 2½-in. pots.....	13.00
Glory of Wandsbek, bright rose, 2, 2½ and 2½-in. pots.....	15.00
An assortment of the above blue varieties at \$11.00 per 100. Can be shipped from now on.	

ANTON SCHULTHEIS, 316 Nineteenth St., College Point, L. I.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now. 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y. Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA. Same as last year. Thumb pots ready June 1st. \$1.75 per 100. Book orders now. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

DRACAENA INDIVISA, 5-in., 35c. Harry Heintz, West Toledo, O.

FERNS.

	100	10	Ea.
HARDY FERNS			
Adiantum pedatum, maidenhair.....	\$6.00	\$0.70	\$0.10
Aspidium spin., wood fern.....	6.00	.70	.10
Aspidium cristatum, ever'n f.....	6.00	.70	.10
Aspidium Goldianum, Goldie's f.....	7.00	.80	.10
Asplenium fel. foem, lady f.....	6.00	.70	.10
Aspl. Thelypt, silver spleen-worth.....	6.00	.70	.10
Dryopteris Thelypt, shield fern.....	5.00	.60	.10
Oncoclea sensibilis.....	4.00	.50	.10
Oncoclea Struthiopteris, ostrich f.....	8.00	.90	.10
Osmunda cinnamom.....	7.00	.80	.10
100 ferns, your selection, billed 100 rate.			
Ludwig Mosbræk, Ferndale, Askov, Minn.			

Ferns, Nephrolepis Teddy, Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima Compacta, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Elegantissima, 10-in., \$2 to \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz. Dwarf Boston, 8-in., \$12 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for dishes, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

QUALITY FERNS.

Boston, Roosevelt, Springfield, 3-in., \$5.50; 4-in., \$7.50; Whitman, 3-in., \$5.50. Good stocky plants. Samples, 25c. Cash with order.

BERNO FLORAL CO., Orlando, Fla.

Ferns, Teddy Jr., 2½-in. pots, \$5 per 100; \$45 per 1,000. Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

FERNS. 2-in. pots, Boston, 3c; Roosevelt, 4c; Teddy, Jr., 5c. Book orders now for June 1st delivery. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

15,000 ferns. Strong rooted runners, Whitman, Boston and Harris; \$2.00 per 100. Cash. E. F. ROSE, Taunton, Mass.

FERNS. Boston, 4-in., \$14.00 per 100; Scotti, 4-in., \$12.50 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$3 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Extra long new dagger ferns. Special prices in case lots. The Leo Niessen Co., Philadelphia, Pa.

FICUS.

FICUS REPENS. Strong 2-in. plants, \$5.00 per 100. MENARD'S, 5212 Danneel St., New Orleans, La.

GARDENIA.

Gardenias. Choice buds from strong vigorous plants, Class A, \$1.50 per 100; \$13 per 1,000. Class B, \$1 per 100; \$8.50 per 1,000. Yard & Yard, Alvin, Texas.

GERANIUMS.

ROOTED GERANIUM CUTTINGS

	100	1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Poltevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO., Springfield, Illinois.

GERANIUMS.

10,000 geraniums, S. A. Nutt, large 4-in. stock, \$8.00 per 100.

J. A. BUDLONG, Chicago, Ill.

GERANIUMS. Fine stock plants, bud and bloom. S. A. Nutt, Ricard, Jean Vland, White Buchner, 4-in., 8c; 3½-in., 7c. Fine stock. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. 10,000 S. A. Nutt, 2-in. pots, \$25.00 per 1,000. Ready now. Cash, please. E. C. BLAKE, R. D. No. 4, Springfield, Ohio.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitervine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

New American Beauty geraniums, 4-in. pots, in bloom, \$12 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

GERANIUM SALEROI. 2-in., extra nice, \$17.00 per 1,000. R. P. BOHLANDER, Melrose Park, Ill.

Geraniums. Best four varieties in bud and bloom. 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

Geraniums, out of 3½-in. pots, \$7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLI.

Gladioli, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Gladioli. First size bulbs. America, pink and Francis King, scarlet, \$1.25 per 100; \$10 per 1,000. Augusta, white, \$1.45 per 100; \$12 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

GLADIOLI. Fifty thousand choice mixed gladioli in three sizes. Will sell below market prices. MRS. W. E. HOCKETT, R. F. D. No. 1, Wixom, Mich.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS

HARDY PLANTS—FIELD GROWN.
Pyrethrum, yellow; Achillea, The Perle; Helianthus Maximilian; Coreopsis, lanceolata; Germ. Iris, light blue and bronze; Veronica longifolia, 3c. Monarda, didima, Golden Glow; Boltonia Asteroideis, 2c. Buddleia variabilis, 2½-in., 5c. Ampelopsis Engelmanni, 3-year, 5c. Cash. Boxing free. A. KLOKNER, Wauwatosa, Wis.

HELIOLOTROPE.

Heliotrope, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HONEYSUCKLE.

HALL'S HONEYSUCKLE. Strong field plants, \$5 per 1,000. C. M. WEBB, Fayetteville, Tenn.

HYDRANGEAS.

Hydrangeas, paniculata grandiflora and Arborescens grandiflora alba. For sizes and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY. 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

Hardy English Ivy, 2 and 3 plants to 3-in. pot, \$5 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

English Ivy, strong 4-in., \$12 per 100. The Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

LOBELIAS.

LOBELIA. Crystal palace, 3-in., fine, \$4.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Lobelias, strong, bushy plants, 2½-in., \$3 per 100; \$25 per 1,000. Pyfer & Olsem, Wilmette, Ill.

MOONVINES.

Moonvines, fuchsias, geraniums, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties; parlor ivy, dusty miller, alyssum, coleus; Salvia Bonfire and Zurich, Cuphea, lantanas, 6 varieties; 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MYOSOTIS

FORGET-ME-NOTS (Myosotis). Good, strong plants, 50c per 100; 500 for \$2.00; 1,000 for \$3.50. In large clumps, large count. Express prepaid. M. L. McCLAVE, 170 Britain Ave., Benton Harbor, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

PANSIES.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

PETUNIAS. Single fringed, fine, heavy; \$3.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Petunias, Giant ruffled and Rosy Morn, 2½-in., \$2.50 per 100. The Storrs & Harrison Co., Painesville, O.

Petunias. Best fringed French varieties, 4-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunia, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**CLEARANCE SALE OF ROSES.**

All from 2½-inch Pots. Good Clean Stock.

	100
Bride	\$2.50
Bridesmaid	2.50
Francis Scott Key	5.00
Grass an Tepitz	2.75
Hoosier Beauty	5.00
Jonkheer J. L. Mock	4.00
Kaiserin A. Victoria	3.00
Killarney	3.50
White Killarney	4.00
Lady Hillingdon	3.00
Mrs. Aaron Ward	4.00
Madison	3.00
My Maryland	4.00
Opheelia	5.00
Pink Cochet	2.75
White Cochet	2.75
Richmond	3.50
Red Baby Rambler	3.00
Radiance	3.50
Rhea Reid	3.50
Sunburst	4.00
Wm. R. Smith	3.00

Write for prices and any varieties not named here.

Our catalogue of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.

The Largest Rose Growers in the World.

Springfield, Ohio.

ROSES, 2½-in. grafted and 2½-in. own root plants for immediate delivery.

	2½-in.	2½-in.
	Grafted.	Own Rt.
	Per	Per
Russell	1,000	1,000
Killarney	\$120.00	none
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Richmond	100.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Opheelia	\$4.50	\$40.00
Pink Killarney	2.50	20.00

Satisfaction Guaranteed. Ready Now.

GEORGE REINBERG, 162 North Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

EXTRA STRONG HEALTHY OWN ROOT ROSE STOCK.		
2½-inch Stock.		
	Per 100	Per 1,000
Russell	\$8.00	\$75.00
Ophelia	6.00	50.00
Sunburst	5.00	40.00
White Killarney	4.00	35.00
Pink Killarney	4.00	35.00
Richmond	3.00	25.00
3½-inch Stock.		
Sunburst	8.00	75.00
Pink Killarney	6.00	50.00
White Killarney	6.00	50.00
Richmond	5.00	40.00

ADAM ZENDER, 6638 Ridge Ave., Chicago, Ill.

BEFORE IT IS TOO LATE.

Have you sent in your order for your requirements in plants of the remarkable pink forcing rose

CHAMP WEILAND?

It is your success and your own profit that will guide your good judgment in having this rose growing on your benches. We can still take care of your order for a limited number of strong grafted plants at 100 for \$35, 1,000 for \$300.

	Per 100	Per 1,000
Grafted Killarney Brilliant	75.00	
Own Root Killarney Brilliant	50.00	
Own Root Milady	50.00	

WEILAND & RISCH,

154 N. Wabash Ave., Chicago, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney Brilliant	\$4.00	\$35.00
Killarney	4.00	35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

WETTER BROTHERS,

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES—DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Roses, 2½-in., Killarney, Milady, White Killarney, My Maryland, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000; Ophelia, \$5 per 100; \$40 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses.—Field-grown, 2-year dormant, \$12 per 100. For varieties, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

SALVIA. Bonfire and Splendens, extra fine, heavy, 3-in., \$4.00 per 100; 4-in., extra fine, \$6.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

SALVIA. Same as last year. Thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SALVIA BONFIRE. Good plants, 2½-in., 2½-c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Salvia, Zurich, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

SEEDS.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Cal.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. For varieties, see advertisement elsewhere in this issue. Simon Louis Freres & Co., Bruyeres-le-Chatel, (Seine & Oise) France.

Seeds. High class, for the wholesale trade. Grown and exported by L. Clause, Breigny-sur-Orge, (S. & O.), near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

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Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellcott Sts., Baltimore, Md.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

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SNAPDRAGONS, 2-in. pots, pink, red, yellow, white and Ramsburg Silver Pink, 3c each. Cash please. B. C. Blake, R. D. 4, Springfield, O.

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STRAWBERRIES. 100,000 Progressive ever-bearing strawberry plants, \$1.50 per 100, postpaid; by express, \$1.25 per 100; \$10.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

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Tuberoses, Double Pearl, \$12.50 per 1,000; S. Armstrong, \$13 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

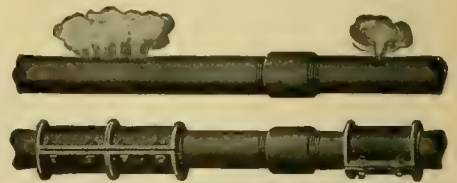
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SWEET POTATO PLANTS. 3,000,000. Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancymond, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

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VINCA VAR., 2½-in., \$3 per 100; 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

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VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

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Standard Red Flower Pots. All sizes. GEO. E. FEUSTEL, Fairport, Iowa.

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Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

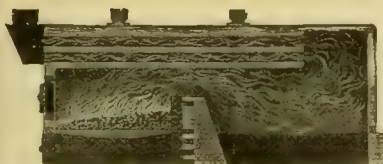
Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High avenue, S. E., Cleveland, Ohio.

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PERFECTION
SIZE 2½
POINT**

No. 2. Large single thick glass.
No. 2½. Double thick.
No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
No. 2½ (1½) per 1000 60c, 5000 at 55c.

Vaughan's Seed Store, Chicago, New York

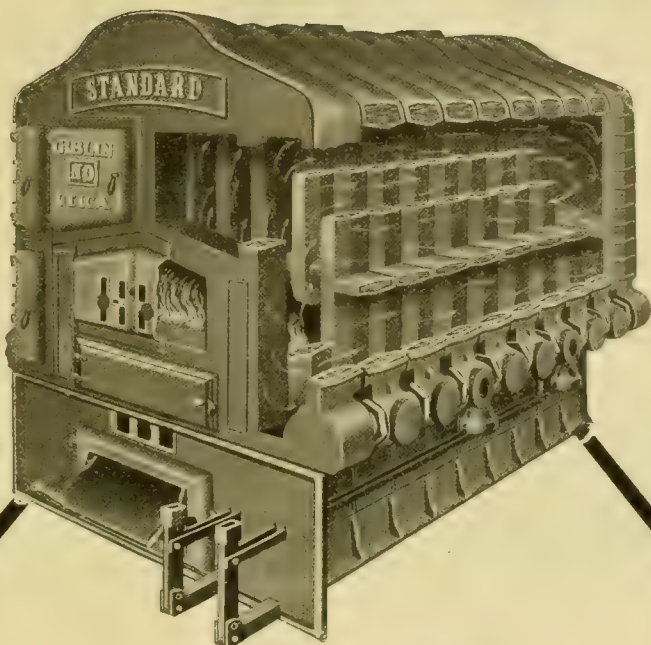
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HOW WOULD YOU FEEL?

The cold season would probably have 150 mornings
THEN you would have 150 nice TWO DOLLAR BILLS,
\$300.00.

DO YOU WANT IT? Listen!

Manufacturers of other Greenhouse Boilers admit that \$3.50 per day per ten thousand feet of glass heated to 60 degrees in zero weather is a reasonable fuel cost.

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WE SAY it ought to be \$1.75 per day and can prove that fuel for our boilers costs but this amount.

IF YOU use another boiler and have 11,500 square feet of glass, your cost per day is probably \$4.00. Change to our boiler and your cost per day will probably be \$2.00, so 150 days gives you the \$300.00.

Again we say:

DO YOU WANT IT?

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DO you want to save \$100.00 on the FIRST cost of a boiler or \$300.00 every year?

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Let us tell you the facts, figures, names and places.

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Makers of Greenhouse Boilers.

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Incorporated 1904

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POT MAKERS FOR A CENTURY AND A HALF.

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For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'Y

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NASHVILLE, TENN.

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Manufacturers of
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Paper Pots

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CHICAGO and NEW YORK.

Shippers may use them and save their customers many dollars in express charges

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CATALOGUES

OUR SPECIALTY

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Porosity and Strength
Unsurpassed.

Write for prices.

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because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

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Florist Specialties.
New Brand, New Style.
Hose "RIVERTON"
Furnished in lengths
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or joint.

The HOSE for the FLOREY

3/4-inch. per ft., 15 c

Reel of 500 ft., 14 1/2 c

2 Reels, 1000 ft., 14 c

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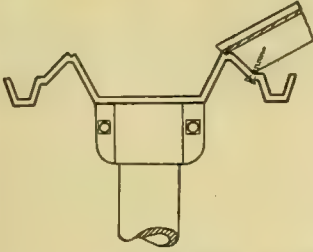
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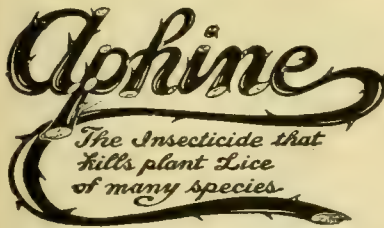


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A spray remedy for green, black, white fly, thrips and soft scale.

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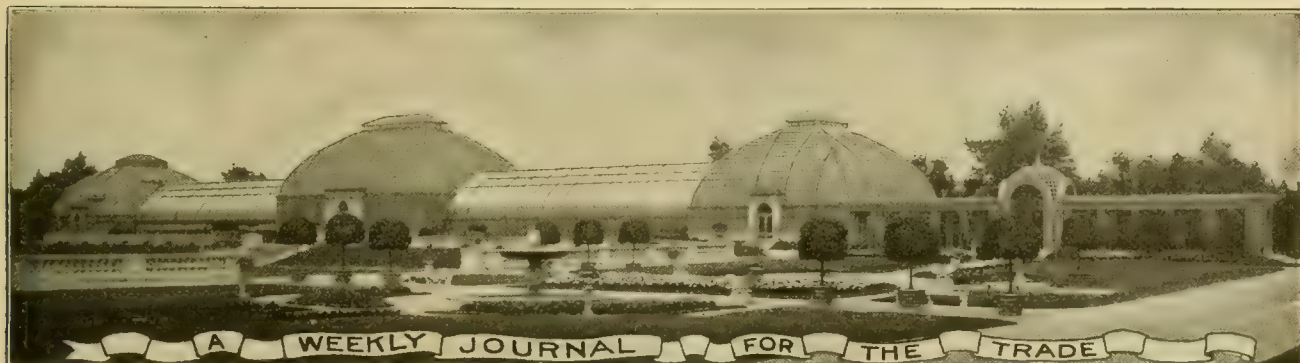
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THE AMERICAN FLORIST



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Vol. XLVI.

CHICAGO AND NEW YORK, MAY 20, 1916.

No. 1459

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Memorial Day Preparations

Memorial Day.

The last floral holiday and final busy period of the closing season will soon be here. While Memorial day taxes the facilities of many of the trade, it is not so much the particular business of the day itself, as the preparation in the weeks previous, that makes this such a busy time. Particularly is this true of the craft who cater to the cemetery trade; those who plant and care for lots in these cities of the dead. No matter how late the season, or how backward the stock, the lot must be in perfect order; the grass cut, the beds planted, and the vases and hanging baskets filled and in place May 29.

West Laurel Hill cemetery, one of the most modern and up to date in Philadelphia, Pa., makes a special feature of Memorial day, and sends out a booklet, emphasizing the importance of its proper celebration. The following paragraph presents a good definition of the day and its observance: "Memorial day is the day set apart by this nation to commemorate the heroes who fought, that the nation might live. The Grand Army of the Republic, which still lives, and the Grander Army of the Republic, who are dead, call upon the younger generation to visit the graves of the nation's defenders; to give up business, recreation and the parks, that these United States may by this attention, show a proper respect to the men who cemented the Union. President Lincoln, when he dedicated the battle-field at Gettysburg, Nov. 19, 1863, consecrated every cemetery where a soldier lies, and called upon the rising generation to remember the soldier dead." President Lincoln's immortal dedication speech is also given a page.

They believe the annual issuance of this and similar booklets to be a great factor in promoting interest in the event. Very many permanent orders have been received to decorate graves with wreaths and cut flowers on the annual recurrence of the day. The company reserve to themselves the right to furnish and plant all flower

beds, vases, care of lots, and work of this character. They have a retail department, where all kinds of made up work is displayed, and also keep on hand a stock of cut flowers, baskets, etc. On Memorial day, a large force is necessary to attend to the decoration of the graves and supply the wants of the visitors.

In some sections of the country, the beautiful custom of decorating the graves of the soldiers and all other occupants of these final resting places, is thought by some to be dying out. We can scarcely credit this, as around Boston and throughout the New England States, where it is their largest flower week of the year, preparations are going forward for a record breaking season. We believe its greater or less observance lies in the hands of the florists of any community. By a well planned publicity movement, supported and vigorously pushed by all the trade, it is possible to arouse a public interest in the day that will result in new business very much in excess of the cost of production. Much of the most effective material for a campaign of this character should get into the reading columns. A recital of the deeds of valor that took place during the war, and particularly the actions in which the local heroes participated, is sure to prove attractive matter. A description of the great national cemeteries, and the important exercises that take place on that day, is almost sure to help arouse a perhaps dormant local spirit. A good newspaper man, who could be made to feel the spirit of the occasion, should do wonderful work in this line in a series of articles during the month of May, this work to be supplemented by co-operative advertising of the local trade, and a general preparedness and display of everything pertaining to the day. If every member of the craft in a community, put his best foot forward in preparing for and boosting the day, there would be no question but what the most lethargic people would wake up, and be made to see their duty in the matter.

Those who are known as cemetery

florists nearly always have their hands full, but they too by looking ahead and being prepared for more trade, will find it will come to them. Plans submitted for more or less elaborate decoration of large monuments will nearly always secure the order. The object should be to raise the standard and make the work of such a character that it can be arranged for in advance, so as to relieve the pressure of the final day. Much of this work is left to the Grand Army posts, whose ranks are now, however, becoming sadly thinned. An effective enthusiasm should be worked up among the survivors or their sons and daughters, so that the continuation of this annual custom shall not die out.

The visitor to the florist's establishment should see every evidence of the day; wreaths of galax, magnolias, oak leaves, sago palms, artistically combining the national colors in immortelles, with tri-color ribbons and flags, should be displayed in a variety of forms and sizes. The windows, arranged with the implements of war, guns stacked, drums, flags and other accompanying relics, will make a very attractive picture. A bust of Lincoln, together with a copy of his immortal address printed in large type, make a very appropriate feature. It is this bid for business that does so much to effect the result. The difference between sitting down and waiting for it to come and getting up and hustling after the trade, makes a wonderful difference in the results. To get business one must believe in it, must become enthusiastic—nothing is so contagious as enthusiasm. Particularly is this true where a number get together; their several ideas kindle a fire that accomplishes very much more than could be done by individual efforts.

So this year let everybody determine to make the most of the day by working every channel. Particularly is the store to be made so attractive that new customers may be drawn in, and see to it, as well, that all the regular patrons are not forgotten in reminders to them of the importance of the holiday. K.

Public Water Power.

ED. AMERICAN FLORIST:

I write to ask your help to defeat a most serious attack on our public resources. Since the fight over the Alaska resources was won there has not been so pressing a threat against the conservation policy as the present effort in Congress to give our public water powers for nothing into monopolistic control.

The Shields bill, now before the Senate, gives to the power interests, without compensation, the use of water power on navigable streams. The amount of water power these streams will supply is larger by far than all the power of every kind now in use in the United States. It pretends to, but does not, enable the people to take back their own property at the end of fifty years, for in order to do so under the bill, the government would have to pay the unearned increment, and to take over whole lighting systems of cities and whole manufacturing plants. Private corporations are authorized to seize upon any land, private or public, they choose to condemn.

Bills which gave away public water powers without due compensation were vetoed by President Roosevelt and

President Taft. The Shields bill would do precisely the same thing today.

Another water power bill, the Ferris bill, relating to the public lands and national forests, was in the main a good bill as it passed the House. As reported to the Senate, it encourages monopoly by permitting a corporation to take as many public water power sites as it may please. Under it the corporations could not even be kept from fastening upon the Grand canyon, the greatest natural wonder on this continent. This bill takes the care of water powers on national forests from the experienced and competent forest service, and gives it to the Interior Department, thus entailing duplication and needless expense.

In my opinion, there is undue carelessness as to the disposal of public resources at present in Washington. The water power legislation now before the Senate is too favorable to the men who, as Secretary Houston's admirable recent report shows, control through 18 corporations more than one-half of the total water power used in public service throughout the United States. The water power men charge that conservation hampers development. The Houston report shows, on the contrary, that the most rapid development is in the national forests, where conservation is best enforced. On the other hand, 120 public service corporations own and are holding undeveloped and out of use, an amount

of water power equal to four-fifths of all there is developed and in use by all the public service corporations in the whole United States.

As I said in an open letter of January 29 to the President:

"Natural resources lie at the foundation of all preparedness, whether for peace or for war. No plan for national defense can be effective unless it provides for adequate public control of all the raw materials out of which the defensive strength of a nation is made. Of these raw materials water power is the most essential, because without electricity generated from water power we can not manufacture nitrates, and nitrates are the basis of gunpowder. There are no great natural deposits of nitrates in the United States as there are in Chili. It would be folly to allow the public water powers, which can supply this indispensable basis of national defense, to pass out of effective public control."

A concerted movement is on foot to break down the conservation policy. Feeble resistance or none at all is being made by official Washington. Unless the press and the people come to the rescue, the power interests are likely to win. This is a public matter wholly removed from political partizanship. Your help is needed, and that of your paper. For nearly 10 years this fight for the public water powers has gone on. We ought not to lose it now.

GIFFORD PINCHOT.



SPRAY OF MY MARYLAND ROSES WITH SWEETHEARTS AT RIBBON.

Mothers' Day at Boston.

UP-TO-DATE WINDOW DISPLAYS A FEATURE.

Boston is noted for its many fine cut flower stores, many of them right in the busy shopping districts. Thos. F. Galvin, in his elegant new store on Park street, and his large Back Bay conservatory on Boylston street has two very up-to-date stores. Penn, The Florist's, new store on Tremont street, with its large show windows and elegant appointments, is one of the best in the country. Philip L. Carbone's large double store in Boylston street, with its splendid assortment of artistic pottery, is also a very high class place. On Tremont street, Wax Brothers have a very showy shop, while Julius Zinn, Houghton & Gorney, and H. R. Comley, are almost side by side at the old Park church corner. There are hundreds more, many of them quite important, who are factors in the trade and nearly all appreciate the importance of the show window and are up-to-date in this respect.

Penn's windows for Mothers' day were quite elaborately decorated. The ceiling of one was covered with wistaria flowers which hung down gracefully, interspersed with Florida moss. The floor was covered with sheet moss, several logs with lichens, were laid about and a low vase of callas and grasses was in the rear, with a bank of cibotiums and other ferns for a background. In the foreground was a magnolia leafed frame surrounding an etching of Whistler's picture of his mother. A long purple velvet scarf draped the frame. Pink sweet peas were also used. Over the picture in the frame was this inscription: "Be thoughtful of your loving mother—send her a box of flowers for Mothers' day." Underneath was a line, "Wear a flower in memory of mother." No white carnations were seen or any reference to them; there was a good stock in the flower cases, but no effort to push them. The other large window was filled with baskets of cut flowers.

Other stores simply had copies or proof sheets of an ad that had appeared in the Boston Post, and was paid for by a number of the trade. Some few did have a window card gotten up by themselves, and others displayed the Mothers' day card gotten out by the Western Union Telegraph Co., and which were to be had for the asking.

The effect of the day on the market was wonderful. Carnations brought five and six cents for all good stock—no straight white were sold, about half pink had to be included in the order. A week before, \$2 would have bought the same grade.

In the two growers' markets it was said to be the best single day of the year next to Christmas and Easter; there was a general clean up in almost everything. It was much better than last season and all think it will increase in volume. An effort was made by the Boston Globe to get the whole trade interested in a large ad, but the best the Globe man could do in four days' canvassing was about \$130. If all the stores in Boston had been under one management, no doubt this sum would have been a thousand and results would doubtless have shown it to be money well spent.



BOY SCOUTS' EMBLEM.

By J. H. Small & Sons, New York.

Some of the growers in the market are deploring the fact that they are losing control. Smaller growers, whose business is not sufficient to bring them to town every day, or who cannot stay until they sell out, employ a man in conjunction with others like themselves to handle their stock on a commission basis. Such an agent will have several (from four to six growers), and at the election gathers proxies together and votes them to change the management so as to give themselves more privileges. There are something over 300 stalls in the two markets and an immense amount of stock is handled on a busy day; one would wonder where it all went to. Patrick Welsh says it will never pay a small grower to sell his own stock—a grower does not know any more about selling than a commission man does about growing, and that is not very much. He says the markets are a propagating bed for commission men; they are being sprouted there all the time, but whether controlled by growers or their salesmen, the markets are fulfilling their

mission. All are well served and mutually benefited by what they see and hear, and prices are regulated solely by the law of supply and demand.

IN PROVIDENCE.

This is a wide awake city with a number of flower stores that are alive to their opportunities. T. J. Johnston & Co., on Weybossett street appear to have a very active business. The window was nicely decorated with all white flowers, carnations, white sweet peas and snapdragons. A large window card, done in white and yellow with white ribbon bows, carried the inscription: "Mothers' Day, May 14. Wear a Flower in Honor of Your Mother." This firm did a very large business, having difficulty in waiting on all the trade and cleaned up everything saleable. In speaking of Memorial day Mr. Johnston said that he specializes in pans of scarlet geraniums which run from 10 to 14 inches. These he finds a good sale for at satisfactory prices. Growers get them up to his order. Wreaths are also sold in quantity.

Timothy O'Connor, 126 Union street, has a fine large up-to-date store with the best appointments in ice boxes and fixtures.

McMair, Florist, 322-328 Weybossett street, has two stores, one for high and the other for lower priced trade; they both had a very busy day. Everything sold and much more could have been handled. Johnson Bros., on Dorrance street, have an inviting looking shop and enjoyed a good share of the Mothers' day trade. They found it much better than last season.

Smith, The Florist, on Washington street, was much pleased with the holiday, and the prospects for Memorial day looked very good from the advance orders he had received.

Jos. E. Koppelman, wholesale florist and dealer in supplies, has a large store well stocked. He finds that Providence wanted just such a store and is giving him much trade.

K.

The Magnolia Wreath.

Preparedness is a word which has forged to the front the past year and occupies a large place in the public mind. It is a word that in its general definition of being prepared when the emergency arises, should be underscored in every florist's vocabulary. Prepared to meet the call, to grasp and make the most of the opportunity when it is presented, is always good business, and should result in the most profit to the dealer as well as satisfaction to the customer. For the hurry-up emblem that must be made ready in a few minutes, there is nothing better than the magnolia wreath, which, if in stock, can be decorated with the flowers at hand in a very few minutes. There is nothing particularly new about the wreaths of magnolia, but there is a deal of difference in their make up; the piece with a generous showing of carefully placed leaves on a well mossed frame, presents a finished appearance, that attracts attention and is at once satisfactory. This of itself, with the addition of a bow of purple ribbon and a few sprays of ivy or pair of Sago palms, is acceptable and appropriate for the funeral of an elderly person. It can, however, be made the foundation for something much more expensive, and in its artistic decoration with almost any choice flower, becomes quite an elaborate affair.

In the placing of flowers as much of the wreath as possible should show; a crescent form is desirable with the cluster of flowers covering the full part in the center. The placing of the roses, if such are used, should be studied; if the flowers are choice specimens there is need for but comparatively few, but each should be given prominence, some high, others low, with flowers projecting over the inside and outside of the center, so that the cluster is irregularly round. A dozen cattleyas in a moderate sized wreath are sufficient to make a good showing for the moderate purse and a little good maidenhair helps cover any wire or sticks that should on no account be visible. To the practised hand it takes a very short time to trim up a prepared wreath, as almost any kind of flower or combination can be worked up, but always avoiding a crowded effect, so as to make each blossom do its part and not encroach too much on the wreath, which carries the form and character of the design.

While the prepared bronze colored leaves are almost indestructible and always ready for service, their all-too-evident artificial appearance makes them objectionable to many discriminating customers who will have nothing but the freshly cut leaves. For this demand there are the fresh green magnolias, which, if kept cool and closed from the air, will remain fresh for quite a while, and are decorated the same as the bronze. A well-made, fresh leaf wreath, decorated with choice flowers, is handsome to a degree and more profitable than almost any other arrangement. The preparation of this formal wreath is important. It is best made on a flat not box wire mossed frame, which should first be wrapped with green foil to better hold the moss and present a finished surface for the bottom of the design. The moss, either sphagnum or clump, should be tied on rather full, and well rounded and afterwards clipped to remove loose or projecting particles. The leaves should be pinned on with bent wire or fern pins, the latter being best. Commencing at the narrow part with the smaller leaves go down one side, laying one over the other like shingles and gradually increasing in size until the middle is reached. Then follow with the other side in the same manner, finishing in the center, so that only the wire fastening the last leaf shall show.

Bronze or green leucothoe sprays make a very beautiful foundation wreath. These are arranged in a mossed frame, stemmed or the sprays stuck in, until a neatly made form is the result. When an imitation bay leaf wreath is wanted, it can be made by taking the leaves of the green sprays and pinning them down as with the magnolias, or wrapping them on with green thread or fine wire. A wreath of this character, when decorated with

orchids, is considered very choice. Wreaths of green or bronze galax leaves, pinned on by the thatched or one leaf overlapping another method, will keep fresh for quite a while. The loose or full wreath of galax, in which the leaves are used, are stemmed together on wire, toothpicks or on stemming sticks, and is very popular. When one realizes how general has become the use of the galax leaf, the fact is lost sight of that it was only after persistent efforts and considerable expense by the southern dealers, who had faith in its utility, that the florists of the country at last saw how galax could be profitable to them and their use became universal.

K.

Garden Notes.

If Ananias were alive today he could get a fine job writing seed catalogues.

About this time harvest the fine crop of tin cans, old bottles and other junk that has come up in the garden.

When planting peas you will have better results if you remove the can. The best method, however, and one that yields more satisfactory results, is to make soup out of the peas and forget it.

Sprinkle your radishes with salt and pepper before planting them if you would have them in good season.

We know an amateur gardener who actually paid off the mortgage on his house just with his garden. He sold it to a neighbor for a garage lot.

Buckwheat cakes should be set out edgewise, as they take up too much space when planted flat.

—Daily Newspaper.

MINEOLA, N. Y.—So great a demand is there for laborers at the different munition factories in New Jersey and Connecticut that it is impossible for the owners of large estates to get hands to work the farms of Nassau county, N. Y.



WREATH OF MAGNOLIA LEAVES.

PLANT NOTES.

Peonies.

The peony is one of the most important flowers to the florist during the early part of summer, and they are used in large quantities for decorations and other floral work. In cutting peonies for market, especially those that are to be shipped, it is best to cut them when the first petals unfold, and allow them to open in water. They ship much better in this condition and also last much longer. Where they are allowed to remain on the plant until open the flowers not only bruise more or less in transportation, but the petals drop more easily when the flowers are unpacked if they are open when cut and made ready for shipment. In cutting the flowers from the plant, many growers make the mistake of cutting too low. The demand of the customers is of course for long stems, but for the good of the plant there should be left two well-formed leaves upon the stem when the flower is cut off. This will allow enough foliage for the plant to continue its growth and thoroughly ripen off. Where the plant is cut back too severely the root action is injured and a diminished number of flowers will be the result in the succeeding year. Keep the plants tied up by stakes and strings outside of the row; a heavy rain when the plants are heavy with buds will often knock them down and ruin many of the flowers.

Dahlias.

Although the dahlia is of very robust growth and comparatively easy of culture yet it is one of the most tender plants and will not stand any cold treatment, for the slightest frost will check the growth and almost invariably kill the plant back. It is then too early yet to plant the clumps except where all danger of late frosts has passed, but the eyes may start into growth during the warm days of May, so they should be kept in safe and warm quarters. Where the grower has a good, tight frame that is frost proof the clumps can be taken from storage and placed in the frame and the tubers will grow plump and the eyes break ready for planting as soon as the weather grows warm enough. The place selected for growing them the coming season should, however, be prepared, the ground spaded deeply and if not manured last fall, some well-rotted manure spaded in. Many growers do not advise heavy manuring when the clumps are planted and especially no fresh manure, much preferring to get a fair supply in the ground the previous fall so that the rankness will be dissipated in the soil, for too strong manure causes a rank growth, and the plants do not bloom as early. With enough manure incorporated in the soil to produce a good hard growth, and not too soft, and then mulch with manure when the buds begin to set, is the manner of some of the most successful growers. The young stock that was propagated from clumps started in March should now be good, stocky little plants, and the last of the propagating should be done early in May to have good stock for June planting. Keep the young plants under safe cover and plunge

the pots in soil to keep them moist and not require too frequent or too heavy watering.

Ficus Elastica.

While the rubber plants do not enjoy the popularity that they did ten or more years ago, yet there is always more or less demand for good small plants every fall and cuttings rooted now and given good culture can be grown to fine stock at that time. Every plantsman will have plants of *Ficus elastica* that have outgrown the salable size or have lost many of the lower leaves and the tops of these can be propagated during the warm weather. The best way to root the young plants is on the plant by mossing the cut. Make an incision in the stem about half way through, in which insert a small stick about the size of a match stick to keep the cut open. Bind around the cut wet moss which should be firmly tied on with raffia and kept wet constantly. The plant should then be placed in a warm, moist house, kept fairly close, and in two or four weeks the roots will be seen protruding from the moss. The top should then be cut off and potted in a 4-inch or 5-inch pot and grown in a warm, close house until the roots have become established in the soil. If a number of these plants are being grown, a mild hotbed can be made up outside, built up with boards so as to allow 18 inches of room between the soil and glass, and covered with a shaded sash. Plunge the pots in the soil and if the frame is kept close, allowing air only on the warmest days, the plants will grow rapidly. As fall approaches more air can be admitted and the plants gradually hardened off and splendid stock will be the result.



WREATH OF MAGNOLIA LEAVES, CYCAS AND LILAC.

Boston Spring Show.

The grand May show of the Massachusetts Horticultural Society, which was held in Horticultural hall, Boston, May 10-14, preliminary mention of the opening of which was announced in our issue of May 13, was a great success from every point of view. It was the first time that an entrance fee had ever been charged, but it was thought on account of the effort to standardize the exhibition and bring it up to the full-fledged show point that it would be worth the 50 cent admission, and the large attendance proved it. It was opened officially on Wednesday evening by the governor of the state, S. W. McCall, who made a very happy address, likening floriculture to the arts, such as printing, sculpture, music, etc. The quality of the various exhibits was quite up to the high standard set by the society. The exhibit of orchids by the Julius Roehrs Co., on Thursday, was a valuable feature. The entry of Penn the Florist, for made-up baskets and decorated Leghorn hats, was a feature that received the silver medal of the society.

The lower lobby, or forum, was filled with nicely grouped evergreens from the Blue Hill Nursery of Julius Heurlin, Braintree, Mass., a splendid collection with roots done up in burlap. On each side of the landing leading to the lecture room were staged marguerites, yellow daisies, white hydrangeas and genistas, while inside the hall were splendid snapdragons, in pots and pans, named Weld Pink from the estate of Mrs. C. W. Weld, Brookline. A display of *schizanthus*, not overly large in size but rich in color, and specimen plants of bougainvilleas, su-

perbly colored and loaded with bloom, were staged by Thomas Roland, Nahant, Mass. A square of *Calceolaria Stewartii*, exhibited by Winthrop Ames (D. White, Gr.) showed good culture. A group of *Azalea chinensis*, from the estate of Walter Hunnewell, the tubs being concealed by pots of hemlock, were a cloud of yellow. A low table of Japanese azaleas, in variety, arranged with a border of ferns was also very showy. *Rhemanni angulata*, variety Pink Perfection, from Professor C. S. Sargent, director of Arnold Arboretum, was a pretty novelty with its tall spikes of pink flowers.

The stage was filled with a fine group of Thomas Roland's rambler roses, among the varieties being *Hia-watha*, *Tausendschon*, both white and pink, *Dorothy Perkins* and *Lady Gay*. They made a fine showing, while specimen plants of *Acacia armata*, loaded with yellow plume-like sprays, from Walter Hunnewell, were a noticeable feature. The orchid display of F. J. Dolansky, Lynn, Mass., was splendid. The group, which consisted of *Cattleyas gigas* and *Mossie* and *Dendrobium thrysiflorum*, embellished with *cocus*, *asparagus* and *cibotium*, was one of the features of the show. Well flowered plants of *pelargonium*, in variety, staged by Mrs. C. G. Weld, were also much admired. These captured first honors, the second prize being awarded to Miss Cornelia Warren, Waltham, Mass.

The loggia was filled with specimen *Hydrangea Otaksa* from the establishment of Frank Edgar, Waverley, a splendid display in every way, while perfect specimens of the French varieties, well colored, were sent by a number of growers, those of the Wm. W. Edgar Co., Waverley, being especially fine. E. A. Clark, Jamaica Plain, Mass., also staged some very large plants of the French and Japanese sorts. These were in the main hall. Mme. Raymond, a particularly dark blue sort, is said to come true to this color from cuttings, planted in any soil. A bed of the new light pink geranium, Mrs. Lester Leland, exhibited by E. H. Witterlow, looks very promising. S. J. Goddard's standard geraniums and fuchsias, on stems four feet high, were full of bloom and very showy. These were arranged on both sides of the steps leading to the main hall.

A feature of the large auditorium was a bed or collection of Japanese dwarf evergreens and maples. The center specimen, in a large earthen bowl, had the appearance of being worth a fortune, while a number of others must have been very valuable. These were exhibited by the Weld Garden. The Walter Hunnewell rhododendrons, large plants in 24-inch tubs, were an important display. They were splendidly flowered—just right in point of time for the exhibition. A. M. Davenport, Watertown, Mass., was awarded the \$100 prize for the best group of azaleas; finely flowered and shapely plants, and a great feature of the show.

The groups of foliage and flowering plants, arranged for effect, three in number, occupied from 300 to 400 square feet each, with an abundance of material that would have filled spaces twice the size. The A. M. Davenport entry contained a wonderful collection of hybrid *calceolarias*, *gloxinias*, tuberous *begonias*, *hydrangeas*,

rambler roses, *laburnums*, *acacias*, *pelargoniums*, *heliotropes*, *lilacs* and *orchids*—not one, but dozens of a kind, and not a single *passee* looking plant in the lot. Variegated foliage added to the effect, noteworthy being *Begonia Rex*, *coleus*, *caladiums*, *bird's nest ferns* and *cibotiums*. The arrangement was a bit even and compact, although an effort had been made to relieve the monotony by elevating a number of the choice specimens. This group attracted a great deal of attention. Ernest B. Dane had a nicely arranged group of choice specimens, well flowered, in the effect of a quarter circle, the center being in one corner of the building and was about 10 feet in height. Single stemmed *hydrangeas*, *calceolarias*, *schizanthuses*, *spireas* and *azaleas* were prominent here. The Wm. W. Edgar Co. staged the other entry. This consisted of well flowered *fuchsias*, rambler roses, *genistas*, *Easter lilies*, *spireas*, etc., with a background of palms, baytrees and ferns, and a border of *geraniums* and *pansies*. This was a very striking group.

The garden of R. & J. Farquhar & Co., Boston, at one end of the hall, was of tall evergreens, baytrees, boxwood and flowering shrubbery. A border of pink *geraniums* and blue *hyacinths* added color, and a latticed arbor in the rear center presented a pleasing effect. Tan bark covered the ground and in the center of the exhibit was a fountain in a setting of

elegantissima and bird's nest ferns, with pink *geraniums* and *calla lilies*. Two immense plants of *wistaria* in a group of *imantophyllum* from the collection of Professor C. S. Sargent, formed a pretty entrance. A group of greenhouse foliage plants, staged by N. F. Kidder, among which were well flowered *anthuriums*, variegated *pineapple*, *aralias*, *davallias* and *Pandanus Veitchii*, made an attractive corner. The Faulkner farm exhibited fine plants of *marguerites*; also standard *heliotropes*, for both of which they were awarded first prizes.

Hybrid *calceolarias* were conspicuous in the small hall adjoining, superbly flowered plants, 25 in number being arranged on a low table. The flowers were immense and of the most brilliant coloring—they were one of the gems of the show. There were several exhibits, the first honors going to Mrs. J. L. Gardner (Wm. Thatcher, Gr.), E. A. Clark (A. MacKay, Gr.), was second, and the third prize went to D. R. Craig (W. Rust, Gr.). Faulkner farm exhibited some wonderful *Hydrangea Otaksa* on single stems, in 5-inch pots, the heads being 12 inches in diameter; also *verbenas* in pans. These were the Miss Wilmott variety and were very effective with their beautiful, large, pink flowers. This variety should be in every florist's collection. A plant of *Médinilla magnifica superba* in a 7-inch pot with three handsome spikes of bloom was



S. MURRAY'S STORE, KANSAS CITY, MO., AT EASTER.



S. MURRAY'S STORE, KANSAS CITY, MO., AT EASTER.

a beauty. A single specimen of *Nasturtium crispa* was attractive, as were also two plants of hydrangea bearing the label H. Ajisai, a curious looking pink sort. Several entries of streptocarpus in various shades were interesting.

In the cut flower division there was a splendid collection of tulips, daffodils, jonquils and narcissi, filling a table very attractively arranged. In the class for sweet peas, Wm. Sim, of Cliftondale, was first with a very fine entry, which included the following varieties: Mrs. A. Skach, Yarrawa, Venus, Orchid Beauty, White Spencer, Orange Orchid, Apple Blossom and a blue seedling, unnamed. These were all superb flowers, with stems from 15 to 20 inches in length. They were beautifully staged. The Sim entry of 100 vases of pansies was also a superb collection and was given first honors, Chas. T. Beasley & Co., East Milton, Mass., being second with a collection containing great variety. A table of Darwin tulips, containing 36 choice sorts, exhibited by the Weld estate, all fine flowers, received a blue ribbon. A vase of Delphinium Clivedon Beauty, a perfect azure blue in color, an exhibit of F. W. Fletcher, was very attractive. In the classes for roses, limited to displays of private growers, all of the first prizes were captured by Mrs. C. G. Weld.

In the lecture room were staged the roses and snapdragons. The Waban Rose Co., Natick, Mass., were given

first honors for a vase of 50 superb Hadley and scored again with a vase of 50 Mrs. Bayard Thayer, very fine flowers. McAlpine Bros., Exeter, N. H., were second in the class of reds with Crimson Queen, which looked very good. F. R. Pierson Co., Tarrytown, N. Y., were first with 50 White Killarney, second with Sunburst, first with Mrs. Aaron Ward, second with Killarney Queen and also captured the prize of \$100 for exhibit of roses occupying 100 square feet. This was a handsome display of 18 large and small vases, baskets and hampers, the varieties staged being Ophelia, White Killarney, Richmond, Killarney Queen, American Beauty, Mrs. Geo. Sawyer, Cecile Brunner, George Elgar, Mrs. Aaron Ward and Francis Scott Key. McAlpine Bros. also exhibited fine vases of Sunburst and Killarney Queen.

One of the most attractive features of the entire exhibition was the elaborate display of baskets of cut flowers staged by Penn. The Florist, Boston. These were arranged on a table six feet wide and 20 feet in length. The center was a huge basket about six feet high with mossed handles, decorated with asparagus and pink rambler roses in glass tubes. The basket was filled with pink snapdragons on very long stems, while on the outside were cattleyas arranged in flower tubes. A large bow of pink ribbon gave the finishing touch. Long-handled baskets, elegantly filled, two with

excellent yellow daisies, two with blue Spanish iris and yellow ranunculus, one with immense spikes of pink snapdragons, one with yellow irises and pink rambler roses, and all with appropriate ribbon decorations, were wonderfully showy and attracted much attention. Two large straw garden hats decorated with fresh flowers and ribbon looked too artificial to be natural. A number of smaller baskets of yellow daisies, one of lavender sweet peas, others of ranunculus, mignonette and a beautiful plumed green grass were very striking. All of these also had appropriate ribbons.

The vases of snapdragons showed great quality. The first prize went to the Faulkner farm for the best six varieties. These were white, yellow, light and dark shades of pink. There were no shades of orange, which omission in this section, the home of the snapdragon, seems singular. The first prize for the best single vase went to Paul E. Richwagen, Needham, Mass., whose entry of Virginia, dark pink, was very fine. Mrs. C. G. Weld was second with a vase of immense spikes of light pink.

A. W. Preston (I. L. Smith, Gr.), staged a splendid *Brassocattleya* maronal, carrying three splendid flowers. J. W. Butterworth exhibited six orchids in variety for which he was awarded first prize. *Cymbidium Lowianum* cincolor was a beautiful specimen in this collection. *Dendrobium nobile* and *Oncidium flexuosum* were

two pretty plants displayed by Miss C. Warren.

Professor C. S. Sargent displayed a seedling rhododendron, a full, fine, mauve colored flower; also a *Cyrtododium punctatum* with a fine spike of yellow flowers. A vase of a new deep pink carnation, named Albert Roper, a very fine flower, perfect in every way, exhibited by the Albert Roper estate, Tewksbury, Mass., was awarded a silver medal. S. J. Davis, a new crimson carnation, staged by S. J. Goddard, won a certificate of merit. James Wheeler was awarded a silver medal for superior culture of the yellow marguerite, Etoile d'Or. These were splendid flowers. He also won first prize for the best 100 flowers of the same. The Spanish irises entered by Esty Bros. showed careful culture and they were given first prize for six vases, six varieties.

The Awards.

Plants.

Antirrhinums, eight plants—Mrs. C. G. Weld.

Azalea Indica; group to cover not more than 200 sq. ft.—A. M. Davenport. Four plants—A. M. Davenport, 1st; Miss Cornelia Warren, 2nd.

Calceolarias, large flowering varieties—Mrs. J. L. Gardner, 1st; E. A. Clark, 2nd. Calceolaria Stewartii—Winthrop Ames, 1st; Miss Cornelia Warren, 2nd.

Campanulas, eight plants—Miss Cornelia Warren.

Ericas, six plants—Miss Cornelia Warren.

Tree fern, one specimen—Weld Garden (D. Finlayson, Gr.) 1st; A. M. Davenport, 2nd.

Fuchsias, four plants—S. J. Goddard.

Heliotropes, standard—Faulkner Farm (W. N. Craig, Gr.) 1st; W. W. Edgar Co., 2nd.

Hydrangeas; group to cover not less than 150 sq. ft.—W. W. Edgar Co., 1st; E. A. Clark, 2nd. Four plants, not less than two varieties—W. W. Edgar Co., 1st; W. T. Walker, 2nd.

Marguerites, six plants—Faulkner Farm, 1st; F. W. Fletcher & Co., 2nd.

Orchids; best group arranged for effect, covering 200 sq. ft.—F. J. Dolansky. Six plants, six varieties—J. T. Butterworth.

Two arecas—Weld Garden.

Two kentlas—Weld Garden, 1st; Mrs. J. L. Gardner, 2nd.

Two Phoenix Roebelenii—Weld Garden, 1st; Mrs. Lester Leland, 2nd.

Two palms, any other variety—Weld Garden.

Pelargoniums, show; 12 plants, not less than six varieties—Mrs. C. G. Weld. Six plants, not less than three varieties—Mrs. C. G. Weld, 1st; Miss Cornelia Warren, 2nd. One specimen plant—Mrs. C. G. Weld, 1st; Miss Warren, 2nd. Pelargonium zonale, one specimen plant—S. J. Goddard.

Rhododendrons; group not exceeding 300 sq. ft., any variety—Walter Hunnewell. Group not exceeding 300 sq. ft., varieties which have grown in Massachusetts without protection for at least five years—Walter Hunnewell. One specimen plant—Walter Hunnewell.

Roses; group to cover not more than 200 sq. ft., all classes admissible—Thomas Roland.

Hybrid perpetual roses; six plants, not less than three varieties—Miss Cornelia Warren.

Hybrid perpetual roses, one specimen plant—Miss Warren.

Rambler roses, four varieties—Thomas Roland.

Rambler roses, specimen plant—Thomas Roland.

Schizanthus, six plants—Mrs. C. G. Weld, 1st; Mrs. J. L. Gardner, 2nd.

Verbenas, eight plants—Faulkner Farm.

Streptocarpus—Mrs. J. L. Gardner, 1st; Mrs. C. G. Weld, 2nd.

Artistic display of flowering and foliage plants to cover not less than 200 sq. ft.—A. M. Davenport, 1st; W. W. Edgar Co., 2nd.

Stove or greenhouse foliage plants, six—N. T. Kidder.

One specimen flowering plant—N. T. Kidder, 1st; S. J. Goddard, 2nd.

Display of dwarf Japanese plants—Weld Garden.

Miniature Japanese garden, to fill space not exceeding 9 sq. ft.—Kameyama & Serade, 1st; Penn The Florist, 2nd.

Cut Blooms.

Antirrhinums, six vases, 25 spikes each, not less than three varieties—Faulkner Farm, 1st; S. J. Goddard, 2nd. One vase, one or more varieties—Paul E. Richwagen, 1st; Mrs. C. G. Weld, 2nd.

Spanish iris, six vases, 25 blooms each, not less than three varieties—Esty Bros.

Marguerites, 100 blooms, yellow—James Wheeler.

Narcissi, 10 vases, 10 varieties, 10 blooms each—Mrs. C. S. Minot, 1st; Faulkner Farm, 2nd.

Pansies, display—Wm. Sim, 1st; C. T. Beasley & Co., 2nd.

Roses, display covering not more than 100 sq. ft.—F. R. Pierson Co.

Roses, fifty blooms, white—F. R. Pierson Co., 1st; McAlpine Bros., 2nd. Fifty blooms.

red—Waban Rose Conservatories, 1st Hadley; McAlpine Bros., 2nd (Crimson Queen). Fifty blooms, pink—Waban Rose Conservatories, 1st (Mrs. Bayard Thayer); F. R. Pierson Co., 2nd (Ophelia). Fifty blooms, yellow—F. R. Pierson Co., 1st (Mrs. Aaron Ward); also 2nd (Sunburst).

Roses, open to private gardeners only. Twelve blooms, red—Mrs. C. G. Weld with Hoosier Beauty. Twelve blooms, pink—Mrs. C. G. Weld, 1st (Mrs. Chas. Russell); also 2nd (Mrs. Moorfield Storey). Twelve blooms, yellow—Mrs. C. G. Weld with Lady Hillingdon.

Sweet peas; display to cover not more than 50 sq. ft.—Wm. Sim.

Tulips; 12 vases, 12 varieties, 10 blooms each—Faulkner Farm. Six vases, six varieties, 10 blooms each—Weld Garden.

Darwin tulips; display not less than 50 sq. ft. (for private growers only)—Weld Garden.

Gratuities—Mrs. C. G. Weld, hanging baskets of fuchsias; Esty Bros., ixias and ranunculus; Ernest B. Dane, vase of escholzias; Mrs. C. G. Weld, group of schizanthus; Winthrop Ames, group of Calceolaria Stewartii; Thomas T. Watt, standard hydrangeas; Ernest B. Dane, Hydrangea Otaksa; Faulkner Farm, Hydrangea Otaksa; Mrs. J. L. Gardner, hydrangea; E. A. Clark, astilbe; Thomas Roland, Bougainvillea Sanderiana; Miss Cornelia Warren, two orchid plants; Ernest B. Dane, display of flowering and foliage plants; N. T. Kidder, flowering and foliage plants; Miss Cornelia Warren, group of flowering plants; Thomas T. Watt, flowering plants; Blue Hill Nurseries, collection of hardy evergreens; Julius Roehrs Co., display of rare orchids.

Gold Medal—Prof. C. S. Sargent, group of azaleas.

Silver Medals—Albert Roper Estate, Carnation Albert Roper; James Wheeler, superior cultivation of Marguerite Etoile d'Or; Weld Garden, group of Japanese dwarf plants; A. W. Preston, Brasso-Cattleya Marone (Cattleya gigas x Brassavola Digbyana); Blue Hill Nurseries, collection of hardy evergreens; Thomas Roland, Bougainvillea Sanderiana; Penn the Florist, arrangement of flowers for home use.

First Class Certificate of Merit—S. J. Goddard, Carnation Doris; Prof. C. S. Sargent, Cyrtododium punctatum.

Honorable Mention—Walter Hunnewell, Laelio-Cattleya Waban; F. W. Fletcher Co., Delphinium Clevedon Beauty; Prof. C. S. Sargent, seedling rhododendron (R. Smirnowii x Garden Var.); Peirce Bros., new Rose Tip Top; E. H. Wetterlow, new Geranium Mrs. Lester Leland; Prof. C. S. Sargent, group of Rehmannia angulata Pink Perfection.

Vote of Thanks—Walter Hunnewell, Acacia armata, group of large plants; Prof. C. S. Sargent, wistarias and imantophylla; R. & J. Farquhar & Co., garden arrangement.



BOSTON SPRING SHOW, MAY 10-14.

Partial View of the Main Hall.



BOSTON SPRING SHOW, MAY 10-14.

F. R. Pierson Co.'s Rose Display.

Wichita, Kansas.**MOTHERS' DAY DEMAND HEAVY.**

Mothers' day, 1916, held true to the record of the past two years as a real flower day. The volume of business was the heaviest ever for that day, showing a fair increase in all departments of the retail trade. Cut flowers led in demand and carnations led the cut flowers, with supply inadequate and prices advanced about 10 to 20 per cent over every day prices, but there was no advance in prices of roses or other flowers. Plant sales were good, medium and low priced items being most in supply and demand. The individual sales would probably be found to average rather low in amount, but there were many sales and consequently a large quantity of stock was moved and at reasonable prices. The florists are now in the middle of the usual spring rush of sales and planting. Generally speaking stocks are in good shape and a good business is being done. A "city beautiful" campaign inaugurated by the newspapers and leading citizens, is giving the florists a good deal of extra demand for their goods, and all are doing their share in helping the matter along.

NOTES.

Walter Davidson, foreman for W. H. Culp & Co., set a record for carnation planting here. Making himself one of a gang of five men, they planted into the field 8,500 carnations in 8½ hours, actual working time, in one day. And Walter himself put all the plants into the ground, and the plants were watered as planted too.

Chas. P. Mueller's new greenhouses are showing up fine, and will soon be ready for the crops to be planted in. Mr. Mueller has a new delivery car on the streets, and it is a good one.

Mr. McCabe, representing A. L. Randall Co., was a recent and welcome visitor; of course he did some business.

F. Kuechenmeister handled the decorations for the Shriners' banquet last week. About 1,000 plates were laid. C.

Buffalo.**MOTHERS' DAY POPULARITY GAINS.**

Mothers' day trade has developed into proportions that make it rank almost on a par with Easter. On the Saturday preceding the sales far exceeded the corresponding day last year, and while great preparations were made to handle the business, the demand was far beyond all expectations. Carnations were far short of requirements and the supply was limited by Saturday noon. Fortunately roses were in good supply and helped to a wonderful degree in satisfying the demand. The call for other flowers was also heavy.

NOTES.

From now until July 1, it will be next to impossible to get much attention from the greenhouse man other than to have him say: "Geraniums are so much per dozen," or, "We can give you a good veranda box or cemetery vase at from \$3 up with good healthy plants, pretty vines, etc., or a dandy veranda box of Boston ferns."

Wm. F. Kasting, our genial postmaster, was in Washington last week, and from his stature, Mr. Burleson evidently thinks "Buffalo uber alles"—and Billy is "some postmaster."

The death of one of this city's oldest and most prominent citizens, May 13, gave S. A. Anderson an order for a handsome blanket of white sweet peas.

E. J. Fancourt, representing S. S. Pennock-Meehan Co., of Philadelphia, was a caller last week.

S. A. Anderson and wife have returned from a fishing trip in Michigan. BISON.

Cleveland.**BEST MOTHERS' DAY TRADE IN HISTORY.**

The old saying, "Love Rules the World", has been proven, and the love for one's mother is the most beautiful and holy of all; therefore this Mothers' day which locally was freely advertised, both individually by the retailers and collectively by the florists' club has been better from a business standpoint than any previous Mothers' day since the day was first inaugurated. About everything saleable was disposed of in both cut flowers and plants. Carnations of course were favorites in demand, but everything else sold well. There was a good supply of Ward, Sunburst, Ophelia, Shawyer, Rhea Reid, Kaiserin, Hadley, Killarney, American Beauties and La Detroit roses. Retailers in ordering mentioned mostly "mixed roses" and any color and all colors were given and accepted. Long stemmed American Beauties did not move well, the demand being mostly for medium and shorter grades, but in the other roses all sizes cleaned up entirely. America and Hadley gladioli, baby gladioli, Spanish iris, mostly light colors, snapdragons in all colors, lilac, both white and purple, sweet peas, orchids, daisies and tulips were in good supply and of excellent quality. Easter lilies did not move any too well, probably being too close after Easter. A few larkspur were on the market; also a few Missouri peonies. Prices on stock did not advance materially, except on carnations, which nearly doubled in price in a week's time. All stock was in good supply and of very good quality. Greens were equal to the demand.

Fire of unknown origin in the store and basement of the Kirchner Floral Co. caused a loss of \$500 Sunday, May 14. C. F. B.



BOSTON SPRING SHOW, MAY 10-14.
A. M. Davenport's Prize Group.

Columbus, O.

MOTHERS' DAY BETTER THAN 1915.

Only one leading florist appears to have had a falling off on Mothers' day trade as compared with last year, and in his case the difference was small and due to a 60 per cent decrease in supply of carnations. As a rule receipts were larger. Several concerns show a smaller net profit, owing to the high price of shipped-in carnations and to the fact that part of this stock was unfit for sale by the time the demand set in. Many very inferior carnations were on sale, but went readily when better ones were exhausted. In the white variety some florists were sold up by Thursday, and the famine was general by the last day of the week. There was not a strict uniformity in price among the trade. The Livingston Seed Co., whose supply ran to 11,000, nearly as ample as last year, held the white at \$1.25 and the colored at \$1. The average price elsewhere was \$1.50 for both, although in a few instances \$2 was realized on the white. Taking the trade as a whole, the carnation supply was very short, and probably not equal to the demand by 50 per cent. The sale of other flowers, particularly roses, was large. All good blooming plants were in demand, anything in white being given the preference. The parcel-post trade was a big factor, coming from a radius of 100 miles and over. A good portion of it had to be turned down, because of short stock.

Memorial day outlook is uncertain. It will take a week yet to determine what part home-growing will play in the supply of peonies and other standard flowers for that occasion. Bedding

is starting in with a rush, and a big season seems to be assured. Aside from this not much is expected by the trade in the immediate future. J.

Nassau County Horticultural Society.

An extra large number of members were in attendance at the regular meeting of the Nassau County Horticultural Society, which was held in Glen Cove, Wednesday evening, May 10. President James McDonald occupied the chair and a great deal of routine business was transacted. Final arrangements were made for holding a tulip show, May 19, and a rose show in June. It was found necessary to change the date of this show, which had previously been set for June 14, and it was left to the executive committee to select another one. Ernest Westlake was appointed manager. While the main classes in these exhibitions will be devoted to tulips or roses, as the case may be, there will also be other classes for seasonable flowers, plants and vegetables.

Secretary Gibson read a large number of letters, which he had received, offering prizes for our coming autumn exhibition. The essay "Horticulture as a Profession, from the Standpoint of a Gardener", by John Johnson, of New York, which was received from the National Association of Gardeners, was listened to with appreciative interest by the members present.

The judges of the exhibits were Henry Gaut, James Gladstone and Harry Goodband, and they turned in the following report: For 12 spikes of gladioli—John W. Everett, 1st. Three head of cauliflower—Robert Jones, 1st. Twelve pansies—Thomas Twigg, 1st.

Three vases of pansies—Thomas Twigg, cultural certificate. Vase of roses—John W. Everett, honorable mention. Frank Dinda of Farmingdale exhibited both cut flowers and blooming plants of his novelty chrysanthemums, Alex Guttman and Emma, for which he was accorded the thanks of the society.

JAMES MCCARTHY, Cor. Sec'y.

Horticultural Society of New York.

The Horticultural Society of New York held an exhibition in the Museum building, Bronx park, May 13-14, at which there were a number of creditable displays. John Scheepers & Co., New York, staged an excellent exhibit of tulips and narcissi for which they were given a silver medal. A special prize was also awarded to Bobbink & Atkins, Rutherford, N. J., for flowers of *Dicentra formosa* and *Arabis alpina*.

Collection of tulips and narcissi—Mrs. W. G. Nichols, (Geo. N. Sullivan, Gr.), 1st.

Collection of herbaceous plants—John F. Orr, Rye, N. Y., 1st.

Collection of flowering shrubs and trees—T. A. Havemeyer, Glen Head, N. Y., 1st, also silver medal; John F. Orr, 2nd.

Collection of tulips—Mrs. A. N. Booth, Great Neck, N. Y., (E. Fardell, Gr.), 1st; also first for collection of narcissi and special prize for three vases gladioli.

Vase of antirrhinum—Mrs. F. A. Constable, Mamaroneck, N. Y., (James Stuart, Gr.), 1st.

Six pots calceolarias—Ralph Pullitzer, Manhasset, N. Y., (Fred Hetelman, Gr.), 1st; Mrs. F. A. Constable, 2nd. A. F. F.



BOSTON SPRING SHOW, MAY 10-14.

Wm. Sim's Sweet Pea Exhibit.

Detroit.**HEAVY ROSE SALES MARK MOTHERS' DAY.**

Mothers' day business was big and exceeded in volume the most sanguine expectations of the most enthusiastic. Great preparations were made in anticipation of a good business, but the tremendous call for flowers of all kinds that came throughout Saturday from early morning till nearly midnight, surprised everyone, and in some cases the magnitude of the trade closely approached that of Easter Saturday. It is thought by many, that had the florists been fully prepared with both stock and facilities for handling it, as they were at Easter, the trade of Mothers' day would fully equal that of Easter. Co-operative advertising was done to the extent of about \$500 in the three leading daily papers and just how much of the business can be attributed to this is hard to estimate, but it kept alive the idea of flowers for Mothers' day and young and old alike seemed full of the spirit of the day and its full meaning. A conspicuous feature of the trade was the solemn edict sent out during the week by the big growers of carnations, that the minimum price would be \$8 per hundred wholesale and with equal unanimity of mind the florists who usually sell big quantities of carnations retaliated by declaring the price of \$8 per hundred wholesale excessive, because it implied the retail price of two dollars per dozen, a figure regarded by them as being unpopular and really destructive to the best interests of the trade, and they accordingly refused to accede to the demands of the growers and left the carnations

severely alone, discouraged their use, and encouraged their patrons to buy roses instead.

The result was clearly shown, that the florists who are in daily touch with the consumer, were able without the least trouble to divert the trade in this case from carnations to roses and other flowers, including flowering plants, which happily for all were quite plentiful. But roses were clearly the most popular of all and it is estimated that from Chicago there were as many as 50,000 roses sent to this market, and these added to the local supply, will indicate that it was "rose day" in Detroit. Saturday the weather was beautiful and most favorable to the buying public, but Sunday brought rain in torrents and yet the people braved the inclemency of the weather and sought the flower shops to give expression to their love for mother.

The club meeting, May 9, was devoted chiefly to the discussion of the prospects for Mothers' day, and probable prices for carnations. At this meeting the retailers deplored the efforts of the growers to boost the prices and thus disgust the public by their evident avarice and attempt to convert the day into one of commercial gain. This caution, however, was totally disregarded by the growers who irrespective of the results demanded the highest figure for their product.

Visitor: E. J. Fancourt, Philadelphia, Pa. J. F. S.

STAMFORD, CONN.—Woundy & Leonard have opened an office at 1 North Front street and will make a specialty of landscape gardening.

Boston:**SATISFACTORY MOTHERS' DAY BUSINESS.**

After a rather discouraging week, business picked up, Saturday, May 13, to one of the best days of the season for both wholesalers and retailers. During the week there were plenty of flowers obtainable and prospects were not very bright. Roses especially, were in good supply and short demand. Even on Friday, although prices did advance to some extent, the market was sluggish and buying was not very brisk. Saturday morning, however, there was a very fine market. Carnations went at top notch figures. Many white were sold at \$6 and \$8 per 100, while colored varieties brought from \$4 to \$6. Roses ran in price from \$3 per 100 up, white being most in demand. Bulbous stock, which now is of very good quality, found a fairly good market also. Yellow marguerites were in heavy supply and did not sell as well this year as in years previous, but considering the quantity of flowers obtainable, they went very well. Sweet peas continue to find good sale. The Christmas Pink variety is the most popular. Prices ranged from 50 cents per 100 to \$1.50. The plant trade is rather quiet, hydrangeas being the main supply.

Malcomb Orr, of North Sawyers, has sold his establishment to H. Curti. Mr. Orr moved to Cambridge, N. Y., May 15 to take charge of a private estate.

Donald Carmichael, of Wellsley, has purchased a new automobile in which he will recreate during the summer months. F. L. W.

Minneapolis.**MOTHERS' DAY TRADE BREAKS ALL RECORDS.**

The 1916 Mothers' day trade in this city broke all records, both in the volume of business and the amount of stock, a generous proportion of which was pickled, however. Carnations cleaned up entirely, prices being six cents for colored and eight cents for white, but the supply was only sufficient to meet half of the requirements. Most of the retailers substituted other flowers. Roses sold only when carnations were not to be had. The trade in general kept to a uniform price of \$1.50 per dozen for colored and \$2 per dozen for white carnations, but some of the fruit stores disposed of the white varieties at 50 cents each in some instances after the florists were sold out Sunday. The flower buying public in this city are asking: "Who makes all the profit"? Two dollars is certainly high enough at this season of the year, and few complain of that figure, but they will not stand a higher price. All of the florists had all the business they could attend to, but had to divide their stock among their customers, so as to try and satisfy all.

NOTES.

W. D. Desmond, who has been in charge of the flower department of the L. S. Donaldson Co., and Wm. Vaska, who has been in charge of that firm's greenhouses, are taking a well-earned rest, both having severed their connection with the Donaldson Co. Mr. Desmond will take charge of his own establishment, May 22.

Oscar Amundson was confronted with a large funeral order Monday morning, following a clean up for Mothers' day. He refused orders for carnations after 2 o'clock Saturday as everything was booked far in advance. His trade was easily double that of last year.

The W. D. Desmond Co. was incorporated May 18, with a capital stock of \$50,000. W. D. Desmond is president and manager and the company will take over the Cargill range in this city, growing for the trade only.

H. B. Whitted kept both stores filled with the finest that the market afforded, but finally had to refuse carnation orders, as more stock in this line was not to be had.

Thomas Hall came in with a cut of 800 White Wonder, which were very fine. His other stock, especially roses, was in good crop. His trade was double that of a year ago.

John Rovick, captain of the Minneapolis florists' ball club, says he has some good players booked, and A. S. Rice, manager, says he can get all the games he wants.

Karl Lindskoog had everything his own way on Franklin street. He had an unusually large supply, but not enough to take care of all orders in full.

Manager Lindsey, of the Hiawatha Gardens, reports Mothers' day results all right, but would have been more pleased if he could have secured more stock.

Frank Hayden of The Flower Shop had to go to St. Paul, Saturday night, to get two dozen roses to fill an order. Too bad, in all that rain.

Rice Bros. placed orders for all the stock they could get, both local and from outside points, but had to turn down late orders.

Miss H. B. Whitted was quite ill two days last week, but recovered and was on hand for the Mothers' day rush as young as ever.

Will Bros. had their usual good luck and were right on hand with fine crops of all kinds of carnations and roses.

Swanson & Co. had their usual large supply of stock but the demand swept everything clean.

Thomas Lynes had a big Mothers' day trade and cleaned up completely in everything.

Cal Rice, of Rice Bros., is going to take a fishing trip and rest up after the rush. T. C. R.

HARTFORD, CONN.—Robt. Marchant & Son have added two houses to their range.

Westchester and Fairfield Hort. Society.

A large percentage of the membership of the Westchester and Fairfield Horticultural Society was present at the monthly meeting which was held in the society's rooms at Greenwich, Conn., May 12, President W. J. Sealy in the chair. A fine display of cut flowers and plants occupied the exhibition tables, a special feature being a vase of outdoor flowers arranged for effect, although all of the displays were most excellent and reflected great credit upon the exhibitors. The competition was open to assistant gardeners only. First honors went to Alex. Clarkson. In the non-competitive display the judges made the following awards:

Cultural certificates—James Stuart for *Calceolaria Stewartii*; Thomas Ryan, display of Spencer type sweet peas; Wm. Graham, splendid vase of antirrhinum; Honorable mention—Wm. Whittin, display of sweet peas; James Linane, vase of Mignonette Triumph; P. W. Popp, Non Plus Ultra gladiolus; John Andrew, plate of Bonnie Best tomatoes. Votes of thanks—Wm. Whittin for hydrangeas and calceolarias and to James Linane for specimen plant of *Clarkia elegans*. Mr. Linane was also highly commended for specimen plant of *calceolaria*. The summer and fall show committees reported progress and stated that several substantial additions to the premium lists for both exhibitions had been received. The summer show will be held at Mamaroneck, N. Y., June 16-17. An attractive schedule will be offered and a very high grade exhibition of flowers, fruits and vegetables is anticipated. The next meeting of the society will be held June 9 and a display of seasonable plants and flowers will be in order.

P. W. POPP, Cor. Sec'y.

Rochester, N. Y.

Carnations were scarce for Mothers' day and prices in consequence were high, the whites selling at \$1.50 per dozen retail. Trade in general was



PENN'S DISPLAY AT THE BOSTON SPRING SHOW, MAY 10-14.

good and cut flowers of which there were an abundance, sold well. Plants were also much in demand.

NOTES.

The Rochester Floral Co. had an attractive Mothers' day window, consisting of floral arrangements with ribbons leading to cities and towns on a large map, calling attention to the fact that flowers could be sent by this firm to "any mother anywhere."

The monthly meeting of the florists' association was held May 8. An interesting feature was a talk on "Landscape Architecture" by Fred Toon.

H. E. Wilson reports a good Mothers' day business. He is very busy with outdoor work at present.

Choice American Beauties were a feature with J. B. Kellar's Sons.

Max Lehman has entered the employ of Henry P. Neun.

Geo. B. Hart has returned from a fishing trip.

CHESTER.

Los Angeles.

GOOD SUPPLY BUT TRADE QUIET.

The weather has been warm and outdoor roses on the decline. Good carnations are none too plentiful, but the cheap outdoor sorts are overstocking the market. Gladioli are becoming more plentiful. Some fine Shasta daisies are coming in, while many of the garden flowers, like delphiniums, aquilegias, centureas, coreopsis and gaillardias are being displayed by all the dealers. Aside from funeral work, trade is quiet.

NOTES.

S. Murata & Co. are doing a good business in their shipping department. Cheap carnations permit long shipments throughout the east. Besides carnations, they are shipping roses and gladioli.

J. W. Wolters sent out two big loads of funeral pieces in one day, and is unusually busy.

Redondo Floral Co. has been showing some pretty Mariposa lilies.

G. H. H.

Worcester, Mass.

Judging by the volume of business done by Worcester florists for Mothers' day, very few mothers passed the day without a floral remembrance. Co-operative advertising by the local members of the trade did much to bring about the proper observance of the day. Carnations especially, went well. The color part of the Mothers' day custom was little observed, and flowers of all lines were worn indiscriminately. R.

PEORIA, ILL.—The Murray Floral Co. is offering creditors 30 cents on the dollar.

NEW ORLEANS, LA.—The Orchid Store is now in its new quarters on Canal street, near the cemeteries, a very desirable location.

ATLANTIC CITY, N. J.—The London Flower Shop, 1800 Chestnut street, Philadelphia, Pa., will open a flower shop here at 2517 Boardwalk.

EXETER, N. H.—W. S. Perkins, who has conducted a successful greenhouse business here for 20 years, has sold his range to John R. Perkins and will devote his entire time to landscape work.

SAN ANTONIO, TEX.—At the May meeting of the local florists' club the following officers were elected: F. C. Suchy, president; M. Monard, vice-president; Mrs. G. Jung, secretary; Mrs. Chas. Albrecht, treasurer.

OBITUARY.

Alfred Ross.

Alfred Ross, head of the seed and commission firm of Ross Bros., Wichita, Kan., is dead at the age of 67 years. Death came suddenly at his home in that city, May 14. Heart failure is given as the cause of his death.

Mr. Ross was the oldest Douglas avenue merchant, having been in business in the third block on that thoroughfare more than 30 years. More than that, he was one of the best known merchants of that city, especially among the farming community. He had sold seeds, poultry, bee and orchard supplies to the people of the country many years.

Mr. Ross was born July 23, 1849, at Mill Creek, Berkeley county, Va. His father, brother and himself were millers. He and his brother, J. M. Ross, came to Wichita December 1, 1884, and soon opened a produce and feed store at 319 East Douglas avenue, under the firm name of Ross Bros., a name that has since remained unchanged. Within three years the firm engaged in the seed business almost exclusively and its business has grown to such proportions that it supplies seeds at retail and wholesale to all parts of the southwest. Alfred Ross was never married. Until two years ago he made his home with his brother, J. M., and after the death of the latter in 1903, with his sister-in-law. Two years ago he built a fine residence at 1064 North Market street, and his sister, Miss Lizzie A. Ross, came here from Springfield, Mo., to keep house for him. In business he was successful though he and his brother started with but little. Besides his fine residence, Mr. Ross owned one of the best orchards in Sedgwick county, in addition to the property of the company owned jointly by him and his sister-in-law, Mrs. J. M. Ross. The business will be continued under the firm name with L. B. McCausland, who has been with the firm the past 17 years, as active manager.

Funeral services were held Tuesday, May 16, at 3:30 o'clock at the late residence in charge of Dr. A. M. Brodie, pastor of the First Presbyterian Church. The pallbearers were Judge Jesse D. Wall, L. B. McCausland, F. W. Brose, John Christopher, Walter Christopher, Jesse Crane, Charles Dye and M. J. Koenigsman. With the exception of Judge Wall, all of the other pallbearers are in the employ of the firm. Two of these men, John Christopher and Fred Brose, have been with the firm more than 20 years.

Joseph Krug.

Joseph Krug, for 55 years a resident of Alton, Ill., and who for many years conducted the only florist business in that vicinity, died at his home, May 8, aged 79 years. He had been ill for some time, being confined to the house the greater part of the past winter, but his health began to improve and a few weeks ago he was able to be about his establishment, but suffered a relapse and the end came within a week.

Mr. Krug purchased the site of his present establishment when it was a woods and started in business as a vegetable grower, but later added a floral department. Both branches of the business grew steadily, more land was purchased, and house after house was added to the range. The deceased and his widow celebrated their golden wedding anniversary 10 years ago. The widow, three sons and seven daughters, all residents of Alton, survive.

Joseph Krug was a man of sterling character with high business principles and he made many friends with his kind hearted disposition. The funeral was held May 10, members of Branch No. 9, Western Catholic Union, of which he was a charter member, attending in a body. Many handsome floral tributes which accompanied him to his last resting place, told of the esteem in which he was held by his townsmen, among whom he had spent nearly three score years of his life.

William G. Rowand.

William G. Rowand, for many years in charge of the warehouse of Henry A. Dreer, Inc., Philadelphia, Pa., died Wednesday morning, May 10, at his home, Haddonfield, N. J. He had been a member of the "Dreer" force for 30 years, and by his faithful and loyal service had gained the confidence of his employers and also the high regard of his fellow workers. Funeral services were held at his home, Sunday afternoon, May 14.

SALEM, ORE.—Horace Skiff has been appointed superintendent of the floral department at the state fair this year.

HOUSTON, TEX.—H. H. Kuhlmann, who has been at Kerrville, Tex., for his health, is reported much improved and will return home soon.

ASHEVILLE, N. C.—Allison's Flower Shop has purchased the West Asheville Greenhouses and will make a number of improvements.

ERIE, PA.—S. Alfred Baur says it will take fully another year to clear up the legal tangles in which he is involved with floral concerns here.

BRAINARD, MINN.—S. N. Miehlin, formerly in charge of the greenhouses at the state school at Owatonna, Minn., will go into business for himself in this city.

ATCHISON, KAN.—New greenhouses and an up-to-date office building are being erected by the Grove Floral Co. When completed, this establishment will be one of the finest in this section of the country.

MOBILE, ALA.—The Gulf Coast Horticultural Society has elected the following officers for the ensuing year: Dr. O. F. E. Winberg, Silver Hill, Ala.; president; W. S. Reeves, Pensacola, Fla., vice-president; Colin McDonald, Grand Bay, Ala., secretary-treasurer.

PETERBORO, ONT.—The 1916 Easter trade in this city was very satisfactory, the volume of business being equal to that of other years. Both the Peterboro Floral Co. and Jordan Bros. cleaned up nicely. Lilies were in heavy demand and Baby Rambler roses, which took the place of azaleas, also had a strong call.

MONTREAL, QUE.—Roses were the leaders in the Easter trade this year. By Saturday evening the supply was cleaned up completely, carnations then met the same fate, and late buyers had to be satisfied with sweet peas and daffodils. For the first time in many years the lily supply was equal to the demand. The call for cut flowers of all kinds was phenomenal.

SEDALIA, MO.—The Archias' Floral Co. reports Easter sales this year much better than those of a year ago. Prices were also better and the supply was plentiful, with the exception of carnations and the better grades of roses in the cut flower class. That the delivery of flowers by parcel post and through the telegraph delivery is gaining in favor is shown by the fact that sales along these lines were double those of a year ago.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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LONDON, ENG.—Insurance brokers now are writing government policies covering greenhouse damage resulting from air raids by German zeppelins.

American Rose Society.

Members of the American Rose Society are invited to meet at the store of Gude Bros. Co., 1214 F street, N. W., Washington, D. C., at 9 a. m., May 23, and proceed to the Washington Test Rose Garden. The invitation to attend this examination of the hundreds of outdoor roses is cordially extended to all who may be able to do so.

BENJAMIN HAMMOND, Sec'y.

Mothers' Day Trade.

A wonderful demand for flowers and plants for Mothers' day this year, and an increase in volume of business as compared with that of a year ago makes evident the fact that this comparatively new flower day is gaining in popular favor with each succeeding year; in fact, in several instances the demand is reported as being almost as great as at Easter and Christmas. Newspaper and other means of publicity were employed to a greater extent this year than ever before, and the results in every case were gratifying. The supply of white carnations was of course far below requirements, but the public readily accepted the colored varieties, and in fact, cut flowers of all sorts, cleaned up to the last bloom before closing time. Flowering plants also showed increased popularity for the occasion, sales being better than last year. While the heavy demand forced up the price of carnations, the retail price varying from \$1.25 to \$2 per dozen, there was little change in prices of other cut flowers.

Society of American Florists.

HOUSTON CONVENTION GARDEN.

Superintendent Brock of the Convention Garden now being installed on city property at Houston, reports that the exhibits received so far are small in number. Intending exhibitors are requested to send forward their exhibits at once, as the convention dates are rapidly approaching. The very liberal treatment accorded our society by the City of Houston, in setting apart a splendid site for the garden, and arranging to take upon itself the burden of furnishing labor and material in order to make the installation a success, deserves more than the scanty recognition at present forthcoming.

All who can exhibit plants and shrubs are urged to do so. The cost, 10 cents per square foot, is ridiculously small, insufficient to prevent anyone from exhibiting on the ground of expense, and in making an exhibit there surely is some pleasure to be found in aiding the society to carry out its plans to have a convention garden wherever the annual convention may go.

Superintendent Brock would be pleased even if at least 50 exhibitors would take 100 square feet each. He points out that although the date is late, pot stock can be plunged in, and a creditable showing made.

JOHN YOUNG, Sec'y.

Growers of Foreign Bamboo Warned.

The United States department of agriculture has been advised of the presence of the smut disease of bamboos on certain plantings of imported bamboos in the United States. The disease has appeared in three separate localities, but so far as known has not spread so widely but that prompt action now may completely eradicate it from the whole country. Like smut of wheat or corn, this disease appears as black powdery swellings on the small twigs or branches about the size of a knitting needle. The black powder easily comes off on one's fingers, and this powder is composed of the spores which spread the disease. Every owner of a bamboo clump is requested to examine the young leafy

branches of his plants carefully, and if he finds a black powder on them, to send to the Department of Agriculture, Quarantine Inspection Room, Washington, D. C., a small twig of the affected plant, carefully sealed in an envelope. Directions for treatment will be sent by mail or telegraph in case the specimen proves that the clump is diseased.

In view of the adaptability of this very useful class of plants to the climate and soil of the United States, it is of the utmost importance that the department be informed immediately of the locality of every clump of imported bamboo in the country, in order to advise all owners of bamboo clumps how to prevent them from becoming diseased in case the smut should be reported from a near-by locality.

Chimney Stack Dimensions.

ED. AMERICAN FLORIST:

Please advise the size of chimney required to take care of three boilers, the grate surface of each being 3 ft. 6 in. by 3 ft. 6 in. I have only two boilers now, but would like to have a chimney big enough for another. Which is the cheapest and most satisfactory, steel or brick? Illinois. X.

In estimating the size of a chimney, much depends upon the kind of coal to be used, as well as upon the construction of the boilers, size of openings in the grate bars, proximity of buildings, etc.

Under average conditions, if run of mine coal is to be used, we would suggest the use of a chimney 24 inches in diameter and 40 feet high, for three boilers having grates 3½ feet square. In case the nature of the surroundings makes the use of a higher chimney desirable a corresponding decrease may be made in the diameter of the chimney.

In most sections of the country a brick chimney will cost no more than one of steel at the present time, and if constructed of good materials, will be far more durable than one of ordinary steel construction.

L. R. T.

University of Michigan Summer Session

Among other short courses announced for the summer session of the University of Michigan, Ann Arbor, June 30-August 25, 1916, are the following:

Botany—Elements of plant biology; Algæ, liverworts, mosses and ferns; Micro-biology of the soil; Air, water and food; Agricultural botany; Trees and shrubs; Mycology and plant diseases; Advanced agricultural botany; Advanced mycology and pathology. Research in physiology, soil biology and nutrition of soil fungi; Research in bacterial diseases of plants; Advanced work in the experiment garden.

Landscape design—Introduction to the study of landscape design; Trees, shrubs and flowers; Civic improvement.

Previous to Election.

White: "Why did you support Black for re-election to congress? What has he ever done for his constituents to deserve it?"

Green: "Has he not supplied us with free seeds and does he not promise to fight for free implements if re-elected? What more do you want?"

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Newport, R. I., May 23, 8 p. m.—Newport Horticultural Society, Music Hall, Thames street. William Gray, secretary, Bellevue Ave., Newport.

Hartford, Conn., May 26, 8 p. m.—Connecticut Horticultural Society, County Bldg., Trumbull St., Alfred Dixon, secretary, 25 Wilcox St., Wethersfield, Conn.

Dobbs Ferry, N. Y., May 27, 8 p. m.—Dobbs Ferry Horticultural Association, Odd Fellows' Hall, Henry Kastberg, secretary, Dobbs Ferry.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.**

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As caretaker or assistant, private place preferred. Six years' experience in inside and outside work. Married, good references. Address

Key 630, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—A good rose grower on Beauties and teas. State wages. Address

Key 634, care American Florist.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address

Key 631, care American Florist.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON,

833 E. North St., Morris, Ill.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting.

THE REMINGTON-WELCH CO., Geneva, N. Y.

Help Wanted—Experienced traveling seed salesman. State experience, salary, age and references when replying.

JOHN A. SALZER SEED CO., La Crosse, Wis.

Help Wanted—At once. A good all around grower of roses, carnations and general greenhouse stock. State wages expected in first letter. Good steady position for the right man.

EDWARD TATRO,

407 E. Iron Ave., Salina, Kans.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address

Key 623, care American Florist.

For Sale—Good paying retail flower store, with greenhouse, on north-west side, Chicago. Address

Key 632, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.

J. C. PAUL,

South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address

A. HANSON, 2615 F Street, Vancouver, Wash.

For Sale—Old established florist business; three greenhouses attached; \$2,500. Nothing for good will—stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount. Near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER,

3116 Indiana Ave., Chicago.

Wanted—Good second-hand Lord & Burnham steam boiler, about ten sections.

FAIRVIEW GREENHOUSES, Milton, Pa.

BUDDLEIA WANTED

We want 1000 to 2000 Buddleia variabilis from 2-inch to 2½-inch pots. State quantity available and price, mailing sample to

HENRY FIELD SEED CO.,
SHENANDOAH, IA.

Gardener Wanted

Good, sober, honest man; \$26 a month, room, board and all expenses; very good home for right party. If you want a good home and job all the year round address

W. F. F.,

Care American Florist.

"Seedsmen's Assistant"

Advertiser wants copy of the "Seedsmen's Assistant" by Charles Johnson.

State condition of book and price.

Address

Key 635, care American Florist.

SITUATION WANTED

Experienced storeman capable of taking complete charge. At salesman and designer. For many years connected with several of Chicago's leading retail establishments. For particulars address

Key 633, care American Florist.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Help Wanted

An experienced truck gardener and greenhouse man, single, good worker, must furnish best of references. Salary \$50, board and room. Address at once.

E. G. Patterson, Bismarck, No. Dak.

Foreman Wanted

General all around man for place in middle west.

Address

Key X, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

Milwaukee, Wis.

EXCEPTIONAL MOTHERS' DAY TRADE.

The early part of last week found market conditions in a rather quiet state. The demand in most lines was not as brisk as the week previous, and with the supply fully as large as heretofore, it meant hustle to keep things moving. But all this time orders were being booked for Mothers' day, the heaviest call being for carnations. Now, whether due to the local cooperative advertising of the florists' club, or to the ever increasing popularity of the day, it must be admitted, that in spite of the inclement weather conditions on Sunday, for it was cool and accompanied by rain at times, business was far beyond expectations. No one had any stock left by the close of the day. The carnation, and especially the white, was "King of the day" and although \$6 per 100 for assorted and \$8.00 per 100 for white alone, was asked, the supply of good stock was far short of the demand. Owing no doubt to the advance prices given out, quite a few carnations were held too long, with the result that the prices went down instead of up. This pickled stock could not be shipped so went at face value. The supply of roses and sweet peas was about equal to the demand, the former bringing 3 cents to 10 cents. White sweet peas, according to quality, ranged from 50 cents to \$1.50 per 100. Quite a few peonies were also to be seen and realized from 4 cents to 6 cents. Although Easter and calla lilies were white, they did not move briskly; in fact, some were left.

NOTES.

To show in what high esteem the late Robert Haentze, of Fond du Lac, Wis., was held, C. C. Pollworth, who attended the funeral, said that business in that city was at a complete standstill on that day, and considering the size of the city, it was the largest funeral he had ever witnessed.

Wm. Lubliner, the Grand avenue florist, who was operated on for appendicitis, May 8, is recovering nicely and expects to be able to attend to business in about a week.

L. L. May, of St. Paul, Minn., arrived here May 9 to enter the Mount Sinai hospital for a period of about four weeks, according to his own statement. E. O.

Pittsburgh.

MOTHERS' DAY TRADE LIKE EASTER RUSH.

A highly satisfactory Mothers' day business was recorded by the Pittsburgh florists this year, and the volume of business done in some places gave the appearance of an Easter or Christmas rush. Carnations were in the most demand, of course, and brought very good returns. Roses and peonies also took well and the wholesale houses found themselves cleaned up almost entirely by Saturday night. Needless to say, there could have been five or six times as many carnations used as were on the market and orders were cut down considerably in order that each might get a proportionate amount of stock. At the present time there still remains a scarcity of carnations, sweet peas and lilies. Tea roses and American Beauties are plentiful. The plantmen are at the height of their busy season and only two weeks remain until Memorial day.

Indications point to a good supply of peonies for Memorial day, which will be quite the opposite of last year's experience, when some of the most disagreeable weather possible halted the big crops just a week or so before the desirable time, but with a con-

Japan Lilies

RETARDED BULBS FROM COLD STORAGE

As these Lilies are most useful during the early winter months and for Christmas flowering, we suggest May, June and July delivery as the best time for making shipments of Speciosum.

Full Cases of Lilies at 1000 Rate.

Lilium Longiflorum Giganteum—Cold Storage	100	1000
9- to 10-inch, 200 bulbs in a case.....	\$12.00	\$100.00
Lilium Auratum—Cold Storage		
11- to 13-inch, 100 bulbs in a case	17.00	160.00
Lilium Speciosum Album—Cold Storage		
8- to 9-inch, 225 bulbs in a case.....	10.50	100.00
9- to 11-inch, 125 bulbs in a case.....	17.00	160.00
Lilium Speciosum Rubrum—Cold Storage		
9- to 11-inch, 125 bulbs in a case.....	11.00	105.00
Lilium Speciosum Melpomene—Cold Storage		
9- to 11-inch, 125 bulbs in a case.....	11.00	105.00

Arthur T. Boddington Co., Inc., Seedsman

128 Chambers Street, NEW YORK

CAPE JASMINES

(GRANDIFLORA)

The queen of fragrance flowers. Shipments timed to reach any part of the United States in good condition.

Short stems, \$ 6.50 per 1000.
Medium stems, \$1.00 per 100; 8.50 per 1000.
Long stems, 1.50 per 100; 13.00 per 1000.

My buds will be ready 15th to 20th, so orders will be filled in time. Strangers should send money in advance.

THOS. C. EDWARDS, Alvin, Texas

Mention the American Florist when writing

GARDENIAS

Choice buds (Jasmine Grandiflora) with an abundance of bright, fresh foliage from strong, vigorous plants.

Class A.....\$1.50 per 100, \$13.00 per 1000; stems over 12 inches. F. O. B.
Class B..... 1.00 per 100, \$8.50 per 1000; stems under 12 inches. F. O. B.

Cash or C. O. D.

YARD & YARD

P. O. BOX 201

ALVIN, TEXAS

tinuance of the brand of weather we are now enjoying, we may hold no fear of a repetition of such a disastrous situation.

NOTES.

Theo. Verscharen is this year handling twice as many pot plants as last spring, and takes advantage of a good field of distribution, there being no less than four of the largest cemeteries in the city within quick access to his establishment.

Ross Adgate, of the McCallum Co., has returned after a successful west-

ern trip and will keep himself busy at his father's retail store in Niles, Ohio, until after Memorial day.

Jos. Feinberg and Thos. Silverblatt have entered into partnership and will open a retail store on upper Liberty avenue in the near future.

J. Rosznoski, of H. F. Michell Co., Philadelphia, is calling on the local trade.

John Kronis, formerly of Chicago, is now manager of the Pennsylvania Station flower stand.

G. M.

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Rose Bushes, Rhododendrons, Evergreens, Etc. Also Bay Trees, Bedding Plants, Potted Plants, Etc.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Omaha.

MOTHERS' DAY COMPLETE CLEANUP.

In spite of the cool and rainy weather, everything in cut flowers and pot plants in bloom sold on Mothers' day and any amount of orders had to be turned down on account of insufficient stock. The supply was of fair quality and commanded good prices. The daily papers boosted Mothers' day, displaying on their front page an illustration of a carnation, and telling the public to wear that flower. There was a strong call for red carnations, second to white. Mothers' day is getting better for the trade from year to year and will in time be the most profitable day or week on the florists' calendar.

J. A. Valentine, of Denver, stopped here on his way home, Sunday, May 13.
GRIPPE.

Kansas City.

RAIN HURTS MOTHERS' DAY TRADE.

Business has been very brisk in all lines during the past week. Stock showed up well and was in fair supply. Mothers' day sales showed a big increase over previous years, but a heavy rain hurt sales to quite an extent. Carnations and roses seemed plentiful, but owing to the heavy demand, there were not enough to supply all orders. Easter and calla lilies played a big part and sweet peas sold out early in the game. Pink gladioli and peonies also had quick sales. Pot plants and made up baskets were also as popular as ever.

NOTES.

W. J. Barnes reports the heaviest week's business for this time of the year in his history. Added to the heavy Mothers' day trade, his force was kept busy with selling and planting boxes, baskets and bedding plants—and the end is not yet.

H. Kusik & Co. had a heavy trade all week and cleaned out completely on Mothers' day. They handled thousands of carnations and roses but did not have enough to go around. Gladioli, lilies, peonies and sweet peas were also ready sellers.

A. Elberfield has the honor of being the second florist who contributed to the Mothers' Day International Association fund, having received a cordial letter from Miss Anna Jarvis to that effect.

T. J. Noll & Co. had the biggest Mothers' day trade in their history. They handled an immense amount of stock in all lines, among other items being 20,000 carnations.

Wm. L. Rock Flower Co. reports a record breaking business for Mothers' day. The supply of cut stock was plentiful and included 25,000 carnations.

August Luther has no complaint to make. Mothers' day trade here was a heavy rush, and calls for porch boxes, baskets and bedding stock are many.

A. F. Barbee had an immense cemetery trade for Mothers' day. He sold out completely and reports a big increase in sales over last year.

Peony Growers Wanted

GROWERS of high grade Peonies will find it to their interest to consign their stock to us. Our trade demands the best, consequently we realize the highest market prices. Start shipping as soon as your stock is ready to cut, or write immediately for further particulars. All returns made weekly.

J. A. BUDLONG

184 N. Wabash Ave., Chicago

B. A. SNYDER & CO.

Wholesale Florists

278 Devonshire Street, BOSTON, MASS.

The House of Quality and Right Price

BY placing your orders with us for Memorial Day you are assured of the best stock grown in New England. We aim to please as a pleased customer is our best advertisement.

Write, wire or phone for quotations.

Sam Murray, W. L. Rock and the Alpha Floral Co. ran a combination Mothers' day advertisement in local newspapers.

A. Newell reports a complete sell out. Pot plants and baskets moved well and the demand for cut stock was heavy.

Biederman & Son report their sales for Mothers' day were double those of a year ago. Bedding plants, boxes and baskets are having a heavy call here.

The Alpha Floral Co. are well pleased with the volume of business and the way it was handled.
E. J. B.

Large Supply of Choice Cut



Lily Of The Valley

FOR
MEMORIAL DAY
AND
JUNE WEDDINGS

Ask your Chicago Wholesaler for **Bruns'** fancy cut
Lily of the Valley when ordering.

VALLEY FROM STORAGE

Bruns' Celebrated Chicago Market Brand, \$22.00 per 1000; \$11.50
per 500; \$6.00 per 250.

Florists' Money Maker, \$18.00 per 1000; \$9.50 per 500; \$5.00 per 250.

H. N. BRUNS

3032 Madison Street,

CHICAGO

BIG CROPS OF ROSES

FOR MEMORIAL DAY



Exceptionally fine Killarney—White Killarney—Richmond—Ward—Ophelia.
WRITE FOR PRICES.

Hoerber Bros.

Wholesale Growers of Cut Flowers

162 N. Wabash Ave.,

Long Distance Phones { Randolph 2758
Automatic 41-770

Chicago



Should Place Your Order With Us
For MEMORIAL DAY To Avoid
Disappointment==We Will Have

PEONIES

In all colors and in the desired grades at prices ranging from
\$4.00--\$6.00--\$8.00 per 100.

Remember when ordering that we handle the entire cuts of several
of the leading growers and are in position to fill your order best.

BEAUTIES

(Finest Ever)

ROSES

(None Better)

CARNATIONS

(Usual Fine Vaughan Quality)

Also Everything That You Need In Miscellaneous Seasonable Stock In Quantity,
So Protect Your Memorial Day Supply By Placing Your Order With Us.

MEMORIAL DAY PRICE LIST

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy.....	8.00
" " good.....	5.00 to 6.00
" " short.....	4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy.....	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Roses, our selection.....	4.00

Orchids.

Cattleyas	per doz., \$9.00
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Carnations.

	Per 100
Special fancy white	\$6.00
Red and pink	5.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Easter Lilies.

	Per 100
Select	\$15.00
Shorter	\$10.00 to 12.50

Miscellaneous.

	Per 100
Callas	\$12.00 to \$15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquills	3.00 to 4.00
Cape Jasmine	1.50 to 3.00
Spanish Iris	4.00 to 6.00
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string.....	\$0.50
Asp. Plumosus Sprays..bunch.....	\$0.35 to .50
Sprengeri .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 3.00
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

In Large Supply for Memorial Day

PEONIES

We handle the entire cuts of six of the largest growers who ship their stock into the Chicago Market and can fill your wants to the letter.

Roses

Our list is complete in every respect but we will be particularly strong on Russell, Ward, Ophelia, Milady and Killarney Brilliant.

Carnations

All the best new and standard varieties in tremendous supply. We lead in both quantity and quality.

SWEET PEAS-VALLEY

Everything else in Seasonable Cut Flowers. Complete line of Greens.

 Write for Special Memorial Day Price List—Ready Now. 

E. C. AMLING CO.

The Largest, Best Equipped, Most Centrally Located
WHOLESALE CUT FLOWER HOUSE In Chicago.

174-6 North Wabash Ave.,

L. D. Phones
Central 1977-1978

CHICAGO

BE PREPARED

By Placing Orders Now For Your Memorial Day Trade

We have just completed arrangements for an ample supply of

American Beauties, Choice Roses, Spirea, Stocks,
Sweet Peas, Valley, Carnations, Candytuft and
LEADING NOVELTIES.

Our New Crop of DAGGER FERNS cannot be surpassed in Boston. All goods carefully selected and packed. We also carry a Most Complete Line of Florists' Supplies at lowest prices. Ask for our mailing sheet for this occasion.

WELCH BROS. CO.

226 Devonshire Street,

TELEPHONES:
6267 and 6268 MAIN.

BOSTON, MASS.

Flowers for Memorial Day

BIG CROP OF ROSES

VERY CHOICE QUALITY

In All Lengths of Stems

ROSES, Our Selection

In lots of 500 or more at rate of \$40.00 per 1000

Price List in Effect May 25th

American Beauties	Per doz.
Specials, extra long stem.....	\$4.00
Extra long stems, seconds.....	\$1.50 to 2.00
Medium stems.....	1.50 to 3.00
Shorter lengths.....	.50 to 1.00

Rhea Reid -- Ophelia -- Sunburst

	Per 100
Extra long	\$10.00
Medium.....	\$6.00 to 8.00
Short	5.00

White and Pink Killarney -- Killarney Brilliant--Richmond--Shawyer

	Per 100
Long.....	8.00
Medium.....	6.00
Short.....	\$4.00 to 5.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$15.00 to \$20.00
Medium	8.00 to 12.00
Short.....	6.00

Cecile Brunner.....per bunch, 50c

Carnations

	Per 100
Red and White, extra fancy.....	\$6.00
Pink.....	5.00

LILY OF THE VALLEY.....\$5.00

ORCHID-FLOWERING SWEET PEAS.....\$.75 to 1.50

ASPARAGUS SPRAYS and SPRENGELI.....3.00

FERNS, Eastern per 1000, \$3.00 to \$4.00

ADIANTUM.....\$1.00 to 1.50

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES in lots of 500 or more at the rate of \$40.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

**Peonies and Other Seasonable Flowers
at Lowest Market Prices**

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

POEHLMAN

72-74 E. Randolph St.,



We have anticipated your
needs for

DECORATION DAY

and have stocked up with a

Fine Supply of **PEONIES** and **JASMINE**

MEMORIAL DAY PRICE LIST—In Effect May 28th

ROSES	
AMERICAN BEAUTIES.	
Special	Per doz. \$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50
Short	per 100, \$4.00, \$6.00, and \$8.00.
OPHELIA, RICHMOND, MILADY, SUNBURST,	
KILLARNEY BRILLIANT, KILLARNEY,	
WHITE KILLARNEY, WARD.	
Long	Per 100 \$8.00 to \$10.00
Medium	6.00
Short	3.00 to 4.00
CECILE BRUNNER OR SWEETHEART ROSE.	
Per 100	\$2.00


MRS. CHAS. RUSSELL.	
36 inches long	Per doz. \$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00.
CARNATIONS.	
Fancy	Per 100 \$6.00
Medium	5.00
Short	\$3.00 to 4.00
CATTLEYS	per doz., \$9.00
CAPE JASMINE	per 100, \$4.00 to \$6.00
VALLEY, \$3.00, \$4.00, \$5.00 per 100.	
PEONIES.	
Fancy pink and white	Per 100 \$8.00 to \$10.00
Medium	6.00
Small	3.00 to 4.00

MISCELLANEOUS CUT FLOWERS.	
Sweet peas (common)	Per 100 \$0.50 to \$ 0.75
Sweet peas (Spencer)	.50
Lilies	8.00 to 10.00
Snaptagons	per doz., 1.00 to 1.50
Daisies	1.00 to 2.00
Mignonette	4.00 to 6.00
Pansies	per doz. bunches 1.00
MISCELLANEOUS GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	per doz., \$2.50 to 3.00
Sprengeri and Asparagus Sprays	2.00 to 3.00
Leucothoe	.75
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000 1.50
Eastern flat ferns	per 1,000 3.50 to 4.00
Boxwood, per lb., \$0.25	per case 7.50



SPECIALLY MADE-UP MAGNOLIA WREATHS
18-inch, per dozen.....\$6.00 21-inch, per dozen.....\$9.00

SPECIALLY MADE-UP CYCAS WREATHS
21-inch, per dozen.....\$12.00

 You must mention this Advertisement to get the Specially Made-Up Memorial Day Wreaths at these low prices.

Glass Cemetery Vases

10-inch, per dozen...\$1.50; per bbl., 5 dozen...\$7.00
12 inch, per dozen. 2 00; per bbl., 5 dozen... 9 00
16-inch, per dozen. 3.50; per bbl., 2 dozen... 7.00

White and Green Enamel Vases

No. 1—Ht., 6¾, diam., 4¼; each, 20c; doz. \$2.00
No. 2—Ht., 6¼, diam., 3½; each, 15c; doz. 1.60

Sheet Moss, Fine Fresh Material

Per Bag, \$2.00.

Short Cycas Leaves

\$1.25 per 100



N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.	Each.
4 inch pots 5-6 16-18 inch high	4.50	
4 inch pots 5-6 16-18 inch high		.40
6 inch pots 6-7 24 inch high	1.00	
6 inch pots 6-7 24 inch high		1.00
6 inch pots 6-7 28-30 inch high	1.50	
6 inch pots 6-7 32-34 inch high	2.00	
8 inch tubs 6-7 36-38 inch high	3.50	

FOSTERIANA SINGLE PLANTS

Leaves	Doz.	Each.
4 inch pots 5-6 18-20 inch high	4.50	
4 inch pots 5-6 18-20 in. high, ea.	.40	

Leaves	Doz.	Each.
6 inch pots 6-7 28-30 inch high	1.00	
6 inch pots 6-7 34-36 inch high	1.50	
8 inch tubs 6-7 5 feet high	6.00	
10 inch tubs 6-7 5½ feet high	8.00	
10 inch tubs 6-7 5½-6 feet high	10.00	

FOSTERIANA MADE-UP PLANTS

Plants	Doz.	Each.
7 inch tubs 3 36 inch high	2.50	
8 inch tubs 4 38-42 inch high	3.50	
8 inch tubs 4 48-50 inch high	5.00	
8 inch tubs 4 52-54 inch high	6.00	
10 inch tubs 4 5 feet high	8.00	
12 inch tubs 4 60-64 inch high	10.00	
12 inch tubs 4 5½ feet high	12.00	
12 inch tubs 4 5½-6 feet high	15.00	
15 inch tubs 4 6-6½ feet high	18@20	

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.	\$3.50
1 inch spread	Each
6 inch pots 18 inch high	24 \$1.75
8 inch tubs 30 inch high	36 3.50
10 inch tubs 35 inch high	42 \$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana, \$6.00 per 100.	Each
Dracaena Lindenl. 6-in.	\$1.25
6 inch pots Dracaena Massangeana.	Each
.....	\$1.25; 7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.	Each \$1.00
8 inch tubs, 5 plants, 44-46 in. high.	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½-INCH GRAFTED AND OWN ROOT ROSE PLANTS

Grafted Own Root	1000	1000
Russell	\$120.00	None
Killarney	.....	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70

Grafted Own Root	1000	1000
Milady	\$100.00	
Ward	100.00	56.70
Richmond	100.00	56.70

Grafted Own Root	1000	1000
Cecile Brunner	\$100.00	\$56.70
Elgar (Special Only)	100.00	
Francis Scott Key	110.00	63.00

SPRING BEDDING PLANTS

	100	1000
Alternantheras, red and yellow and Brilliantissima	2.50	\$23.00
Alyssum, Sweet, 2½ in.	2.50	20.00
Ageratum, Blue Dwarf, 2½ in.	2.50	
3 in.	5.00	
Begonia Luminosa and Vernon, for bedding, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Begonia Chatelaine, 2½ in.	3.50	
3 in.	8.00	
4 in.	15.00	
Caladiums, fancy leaved, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.		
Dusty Miller, for border, 2½ in.	2.50	23.00
Geraniums, the best and most popular bedding varieties, (pots in bloom, 4 in.)	8.00	\$0.00
Extra strong, 4 in.	10.00	
Rose Geraniums, strong, 2½ in.	3.00	
Rose Geraniums, strong, 3 in.	5.00	
Heliotropes, 2½ in.	2.50	
3 in.	5.00	
4 in.	10.00	
English Ivy, 2½ in.	3.00	
4 in.	15.00	
Strong, 5 in.	\$20.00 to 35.00	
German or Parlor Ivy, 2½ in.	2.50	
3 in.	5.00	

	100	1000
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.	2.50	22.00
Marguerites, Mrs. F. Sanders, 2½ in.	3.00	
3 in.	5.00	
4 in.	10.00	
Marigold, Double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom	2.50	25.00
If wanted in baskets, an additional price will be charged to cover cost of same.		
Primulas Grandiflora and Giant-tea strain, only the choicest varieties, summer delivery, 2½ in.	3.00	
Phlox Drummondii, all colors, 2½ in.	2.50	23.00
3 in.	5.00	
3 in., all colors	5.00	45.00
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Recinus (Castor Oil Beans), red foliage, strong, 4 in.	12.00	
Salvia Bonfire and Zurich, from cuttings, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	

	100	1000
Smilax, strong new stock, 2½ in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fournieri, Blue, 2½ in. pots	2.50	
3 in. pots	5.00	
Vinca Rosea and Alba, 2½ in.	2.50	
Vinca Minor (Hardy Grave Myrtle), 3 in.	6.00	
Vinca, variegated and green, for boxes and vases, 2½ in.	2.50	23.00
4 in.	\$12.00 to 15.00	
Verbenas, all colors, 2½ in.	2.50	23.00
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots	2.50	
Asparagus Sprengeri, 2½-in. pots	2.50	
Nasturtium, 3 in.	5.00	

For Decoration Day

Hydrangeas—50c, 75c, \$1.00, \$1.50, \$2.00 each; larger specimen, \$3.50 to \$5.00 each.
Cyclamen—3 inch, \$8.00 per 100.
Calceolarias—35c and 50c each.
Fuchsias—5c and 12c each.
American Beauty—5½ and 6-inch (just right for Memorial Day), 35 cents to 50 cents each.

POMPONS

BRONZE—	2½-in. plants
Madam La Porte	\$3.50 \$32.00
Mrs. Frank Beu	3.50 32.00
RED—	
La Graviere	\$3.50 \$32.00

BOXWOODS

	Each
12-in. in burlap, 30c; in tubs or pots	\$0.55
15-in. in burlap, 40c; in tubs or pots	.75
18-in. in burlap, 50c; in tubs or pots	.85
2 feet in burlap, \$1.75; in tubs	2.00
2½ feet in tubs	2.00
12x12 in. tubs	3.00
Stevia—Fine 2½-in., \$20.00 per 1000.	
New Pink Snapdragon, 2½-in., \$6 per 100.	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.	
Table Ferns, 2½-in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.	

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2½-in. plants
McNiece	\$2.50	\$22.00
Enguehard	2.50	22.00
Maud Dean	2.50	22.00
R. E. Loeben	2.50	22.00
Patty	2.50	22.00
Wells Late Pink	2.50	22.00
Chieftain	2.50	22.00
WHITE—		
October Frost	\$2.50	\$18.00
Vir. Poehlmann	2.50	18.00
Chas. Razer	2.50	18.00
Ellise Papworth	2.50	18.00
W. H. Chadwick	2.50	18.00
Timothy Eaton	2.50	18.00
Lynwood Hall	2.50	18.00
Smith's Ideal	2.00	18.00
Alice Salomon	2.00	18.00
White Chieftain	4.00	38.00
BRONZE—		
O. H. Kahn	2.00	18.00
RED—		
Schrimpton	2.00	18.00

CHRYSANTHEMUMS

YELLOW—	Rooted Cuttings	2½-in. plants
Golden Glow	\$2.00	\$18.00
Chrysolora	2.00	18.00
Yellow Eaton	2.00	18.00
Yellow Salomon	2.00	18.00
WHITE—		
Kennitt (medium double)	\$3.50	\$32.00
YELLOW—		
Krut (large early)	\$3.50	\$32.00
Mike Gabel (large)	3.50	32.00
Skibo (early bronze & yell. button)	3.50	32.00
Big Baby (button)	3.50	32.00
Madge (large)	3.50	32.00
Klondyke (large)	3.50	32.00
Quinola (bright late yellow)	3.50	32.00
Baby (small button)	3.50	32.00
PINK—		
Lillian Dotty	\$3.50	\$32.00
Queen Mary	3.50	32.00

THE ALWAYS RELIABLE WHOLESALE FLORISTS

DOING A STRICTLY WHOLESALE BUSINESS.

Z M
E & A
C & N
H N

Large Supply of Flowers

For Memorial Day

PEONIES Extra fine stock in assorted colors at reasonable prices. **PEONIES**

ROSES

Extra Fancy Russell-Sunburst-Killarney-White Killarney - Ophelia - Ward - Etc.

Carnations-Sweet Peas-Cape Jasmines
Lilies and Complete Line of Green Goods



OUR LINE IS SO COMPLETE THAT IT INCLUDES EVERY ITEM OFFERED IN THE GREAT CHICAGO MARKET.



30 East Randolph Street,

**L. D. Phones: Central 3283-3284
Automatic 42-965**

Chicago

Chicago.

MOTHERS' DAY TRADE SHOWS INCREASE.

The Mothers' day trade was much better than last year and stock of all kinds, with one or two exceptions, cleaned up nicely each day at very satisfactory figures, especially carnations, which sold at high prices and were in exceedingly short supply. Both the local and shipping trade were surprisingly good and there were not enough carnations to go around, consequently roses sold well and some of the dealers found it necessary to cut their rose orders down about 30 per cent so that all their customers would receive some. American Beauty and Mrs. Chas. Russell were in good demand, especially in the shorter grades, and the same applied to all other varieties, which cleaned up completely. Sweet peas sold unusually well and cleaned up nicely each day at good prices, but lilac was in large supply and moved quickly and the same was true of peonies, which were in fairly good supply. Snapdragons, gladioli, daisies, lupines, calendulas, tulips, poppies and all miscellaneous seasonable stock had a good call, and with the exception of lilies, were all disposed of. Carnations in the better grades sold at prices ranging from \$5 to \$8 per 100 at wholesale and at \$1.50 to \$2.00 per dozen retail, but did not move any too well at those figures and toward Saturday evening after the rain had set in many of the retailers were willing to dispose of all they had to offer at \$1.00 to \$1.50 per dozen. Many of the buyers refused to pay such high prices for carnations and either walked out of the store or bought roses at about the same figure in the shorter grades or took miscellaneous stock instead. Considerable advertising was done in the daily pa-



HERE THEY ARE
Just What Your Trade Needs
for Memorial Day

MAGNOLIA WREATHS

16-in., \$1.00 each; 20-in., \$1.50 each; 25-in., \$2.00 each; 30-in., \$2.50 each.

SPECIAL BRAND AND A BIG BARGAIN

CUT FLOWERS FOR MEMORIAL DAY

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

PEONIES—GREENS OF ALL KINDS

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

**Phone,
Central 6284.**

CHICAGO, ILL.

pers, special folders were sent out and many of the stores displayed appropriate window cards which were sent out free by the Mothers' Day International Association. Mothers' day was nearly as good as Easter as far as the wholesalers were concerned and the retailers all report good business and would have done much better if it had not rained a good part of Saturday afternoon and all Sunday morning, but as it was, everyone was satisfied and but few complaints are heard. Plants sold well and there is no question but what Mothers' day in the future will be one of the biggest flower days in the year and will compare favorably with Christmas and Easter as far as cut flowers are concerned. Memorial day is next on the list, and while there promises to be a good supply of stock

Wabash Issues Guide For The Summer Tourist.

The Passenger Traffic Department of the Wabash Railway is distributing a handsome and profusely illustrated booklet entitled "A Vacation for Everybody." The booklet contains valuable information for the summer tourist and describes more than 100 different tours available via the Wabash to the East and the Great Lakes.

Copies of this booklet can be obtained at 68 West Adams Street, Chicago, or from any Wabash Representative.

H. VAN GELDER, Pres.

L. M. JONES, Sec'y.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTSImporters and Jobbers of
Florist Supplies.56 East Randolph Street
CHICAGORibbons and Chiffo
Our Specialty.

MEMORIAL DAY PRICE LIST.

PEONIES.

	Per 100
Select	\$8.00
Fancy	6.00
Good	4.00

AMERICAN BEAUTIES.

	Per Doz.
Specials	\$4.00 to \$5.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
Short stems	1.00

MRS. CHAS. RUSSELL.

	Per Doz.
36 inches	\$3.00
28 to 30-in.	2.50
24 to 26-in.	2.00
20 to 22-in.	1.50
16 to 18-in.	1.25
Short, per 100.	\$4.00, \$6.00 to 8.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND KILLARNEY BRILLIANT.

	Per 100
Select	\$10.00
Fancy	8.00
Medium	6.00
Good Short	4.00

FERNS.

Extra select stock.
Best ever offered on
this or any other
market so late in the
season.

\$3.50 per 1000.

MRS. GEO. SHAWYER, MRS. AARON WARD, SUNBURST, BULGARIA AND OPHELIA.

	Per 100
Select	\$12.00
Fancy	10.00
Medium	8.00
Good Short	5.00

FERNS.

Extra select stock.
Best ever offered on
this or any other
market so late in the
season.

\$3.50 per 1000.

CARNATIONS.

	Per 100
Fancy	\$6.00
Firsts	5.00
Commons	4.00

ORCHIDS.

Cattleyas	per dozen, \$9.00
-----------------	-------------------

MISCELLANEOUS.

	Per 100
Lilies	\$12.50 to \$15.00
Callas	per dozen, \$2.00.... 12.50 to 15.00
Spanish Iris	4.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50

 Double White Narcissus (Gardenia Flowered) - - \$2.00 to \$4.00 per 100

DECORATIVE.

Adiantum	\$.75 to \$ 1.00
Smilax	per dozen, \$2.00
Sprengeri Plumosus Sprays	2.00 to 4.00
Plumosus, Strings	each, 60c
.....	per 1000, \$4.00 to \$6.00
Ferns	per 1000, \$3.50
Galax	per 1000, \$1.00

Extra Special Stock Billed Accordingly.

YOU CANNOT

buy our quality of Flowers elsewhere at a lower price, and YOU
CANNOT buy our quality of service, elsewhere, AT ANY PRICE.

Very truly yours,

PERCY JONES.

Chicago's Largest Dealers In Decorative Greens

The Chicago Flower Growers Association



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

For Memorial Day

ROSES-PEONIES-CARNATIONS

Lilies--Callas--All Other Seasonable Cut Flowers--Complete Line of Greens

Check, money order or satisfactory references must accompany orders from new customers, otherwise shipment will be sent C. O. D.

MEMORIAL DAY PRICE LIST—Subject to Change Without Notice.

AMERICAN BEAUTIES.

Per doz.	
Extra long stem, specials	\$5.00
Medium	\$2.00 to 4.00
Shorter lengths	.75 to 1.50

MRS. CHAS. RUSSELL.

Per 100	
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	6.00 to 8.00

BRILLIANT, SUNBURST, OPHELIA, RICHMOND, WARD, MILADY AND KILLARNEY QUEEN.

Per 100	
Extra fancy	\$10.00 to \$12.00
Good medium	8.00
Good short	4.00 to 6.00

KILLARNEY, WHITE KILLARNEY.

Per 100	
Extra fancy	\$ 8.00 to \$10.00
Good medium	6.00 to 7.00
Good short	4.00 to 5.00

FIREFLAME. Per 100

Extra fancy	\$ 8.00
Good medium	6.00
Good short	4.00

CECILE BRUNNER.

Good	\$2.00 to \$ 3.00
------	-------------------

ROSES—Our Selection.....\$4.00

ORCHIDS.

Cattleyas	per doz., \$9.00
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CARNATIONS.

Per 100	
Carnations	\$ 5.00 to \$ 6.00
special fancy	4.00
splits	2.00

PEONIES.

Per 100	
Extra select	\$ 8.00
Select	6.00
Good	4.00

EASTER LILIES.

Select	\$12.50 to \$15.00
Shorter	8.00 to 10.00

MISCELLANEOUS.

Per 100	
Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Daisies	1.00 to 2.00
Snapdragon	6.00 to 8.00

GREENS.

Per 100	
Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	
per bunch	\$0.35 to .50
Sprengeri	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 3.50
Galax Leaves	per 1,000, 1.00
Boxwood	per lb., 25c
50-lb. case	8.50

of all kinds for this occasion, especially roses and peonies, there will be no great surplus when the rush is over and everyone would do well to place their orders far in advance so as to insure their supply. The supply houses are anticipating a busy trade and have a large quantity of made-up wreaths on hand ready to ship at a moment's notice.

EXPRESSMEN STRIKE AT CHICAGO.

The wholesale florists have been affected somewhat by the strike of the express companies and helpers called Tuesday, May 16. The large concerns hit by the walk-out are the Adams, Wells-Fargo, American, Western, Great Northern, Merchants' National and Northern Express companies. The companies admit that their business was badly crippled the first day, but assert that a strong effort will be made to make deliveries throughout the city and that within a few days the system will be back to normal with nonunion men on the wagons. So far the wholesale florists have been able to get practically all their packages to and from the depots by using their own wagons or sending them by messengers or by express wagons manned with nonunion drivers and helpers, accompanied by two police guards each. The strikers are asking recognition of the union, shorter hours and a hearing of grievances. The florists have held several meetings since the strike and a committee has been appointed, headed by Fred Lautenschlager, to try and make some arrangements with the union in regard to getting the shipments to the depots. Mr. Lautenschlager and W. L. Kroeschell have met with the union officials several times, but so far no definite arrangements have been made and each dealer is do-

Roses=Lilies

Peonies, Carnations, Etc.

FOR MEMORIAL DAY

Our prices are very reasonable and you can rest assured that you will get a square deal if you buy here.

SINNER BROTHERS

158 North Wabash Ave., CHICAGO

HEAVY SUPPLY

MEMORIAL DAY FLOWERS

Write for Prices on What You Need

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

ing the best he can under the existing conditions and with few exceptions have managed to get their stock out on time.

NOTES.

Percy Jones will have a large quantity of Double White narcissus to offer for Memorial day and the reports

from his growers are to the effect that the crops are in excellent condition and the cuts will be unusually heavy. This flower has always been in good demand for the occasion and Manager Van Gelder does not expect to experience any trouble in disposing of the entire lot before the rush is over.

Largest Ever Crop of

ROSES

FOR MEMORIAL DAY

SUPREME QUALITY RICHMOND, SUNBURST,
WHITE AND PINK KILLARNEY.

BEAUTIES

Plenty of magnificent stock for everybody in all lengths at prices ranging from \$1.50 to \$5.00 per doz.

We have all the standard and best new

CARNATIONS

and can supply the Best Grade in Quantity.

We swept the deck in practically all the entries that we made in Carnations at the Chicago Show last November, and can supply you with the best stock obtainable for Memorial Day at the most reasonable prices. We will have plenty of fine Red, White and Pink so place your orders with us now.

Memorial Day Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$8.00
Selects	7.00
Fancy	6.00
Good	\$4.00 to 5.00

Elgar, 35c per bunch.

Roses, our selection, \$4.00

CARNATIONS.

	Per 100
Fancy	\$5.00
Good	4.00

LILIES.

Per 100

Fancy\$12.50 to \$15.00

Miscellaneous.

Peonies	\$5.00 to \$8.00
Ferns, per 1,000.....	3.50
Smilax, per dozen.....	2.50
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch..	.50
Other Green Goods Market Rates.	

Our Range of Greenhouses is One of the Three Largest in
America and will be in Full Crop for Memorial Day.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO



We Are Prepared
To Take Care Of
Your Orders For

PREPAREDNESS PEONIES

All Colors at \$4.00, \$6.00, \$8.00 per 100.

ROSES

All best new and standard varieties in quantity.
Short, \$4.00 per 100; Medium, \$5.00 to \$6.00 per 100; Long, \$8.00 per 100.

CARNATIONS

DE LUXE, \$5.00 to \$6.00
per 100.

CAPE JASMINE, GLADIOLI, BABY GLADIOLI, LILIES, CALLAS, SNAPDRAGONS
SWEET PEAS, MIGNONETTE, GREENS, ETC.

You will get satisfaction every
time if you shoot your orders to

A. T. PYFER & CO.

Wholesale Florists

30 East Randolph Street
CHICAGO, ILL.



Bryan Lathrop, one of this city's foremost citizens for the past fifty years in the field of art, civic uplift, charity and business, died unexpectedly Saturday, May 13, at the age of 72 years. As one of the Lincoln Park commissioners, to which position he was elected in 1901, Mr. Lathrop drew up a plan for the extension of Lincoln Park north on Diversey boulevard to Cornelia street. Bonds for the carrying forward of this project, which added 600 acres to the park, were issued twice. The work is still going on.

The Raedlein Basket Co. has finished work on its new sales and display rooms and cordially invites the trade to inspect its line whenever the opportunity presents itself. This firm has just installed a new \$500 air brush, which makes the third outfit of its kind in use at the establishment and keeps six men busy all the time. Several experienced basket men were added to the regular force this week and there is enough work on hand to keep the entire crew busy from early in the morning until late at night.

Bassett & Washburn's sales for Mothers' day were 50 per cent better than last year, according to C. L. Washburn, and stock of all kinds cleaned up completely at an early hour, especially roses and carnations, which were in best demand. Mr. Washburn says that Mothers' day was celebrated more generally throughout the country than heretofore and that the shipping trade was much better than he expected it would be.

Peter Reinberg cleaned up completely in all lines of stock for Mothers' day and Manager Reichling reports that their sales were as good as those of last Easter. Both the local and shipping trade were heavy and they had a large cut of both roses and carnations for the occasion. This firm will be in good crop for Memorial day and

the outlook for another big week's business is very encouraging.

A. T. Pyfer & Co. enjoyed a splendid Mothers' day trade and cleaned up all the stock that they had to offer every day at good prices. The shipping trade particularly was very heavy and the city demand was surprisingly good. The outlook is bright for a large supply of stock for Memorial day and a large supply of peonies will be handled in addition to their regular line of cut flowers.

O. A. & L. A. Tonner are busy making up magnolia wreaths for Memorial day and are mailing a special supply circular to the trade this week, which they will be pleased to mail to anyone upon request. In the cut flower department a fine line of stock is seen and the report here is that they will have a large supply for Memorial day.

J. A. Budlong added a peony grower to their list of consignors this week, which will give them an extra supply to offer for Memorial day. Philip Schupp was pleased with Budlong's Mothers' day trade, which was by far the best in years and is proving to be almost as good a flower day as Christmas and Easter.

Allie Zech says that Zech & Mann were more than satisfied with their Mothers' day trade, which was exceptionally heavy and compared most favorably with that of Easter. This firm is featuring a large supply of fancy sweet peas and Mrs. Chas Russell roses, which will be their chief leaders for Memorial day.

W. J. Miller, of Pontiac, was a visitor in the wholesale market this week. He reports a splendid Mothers' day business and says that white sweet peas, which were in good crop with him, sold quickly after his white carnations were all disposed of.

Hoerber Bros. are cutting a fine supply of roses in all the leading varieties

and their Killarney are showing exceptionally fine color at present. This firm had no trouble in disposing of all the stock that they had to offer for their Mothers' day trade, which was the best ever.

At the John Kruchten Co.'s store peonies are arriving in large quantities and they will have a better supply than ever to offer for Memorial day. Trade at this establishment was very good for Mothers' day and everything in carnations and roses cleaned up at an early hour.

Erne & Klingel's sales for Mothers' day were unusually good and fully 50 per cent better than those of last year. Chas. Erne is of the opinion that peonies will be plentiful for Memorial day, but thinks that carnations will be rather scarce.

Joseph Ziska & Sons report business as good and have so many city deliveries that their delivery truck is kept on the go all day long. John Ziska celebrated his thirty-second birthday May 13.

Sinner Bros. had a dandy Mothers' day trade and the outlook for a large supply of roses and carnations for Memorial day is very encouraging, for they are in good crop with both.

Kyle & Foerster are having a good call for fancy sweet peas, which they are handling in quantity and which will be one of their leaders for Memorial day.

At Kennicott Bros. Co.'s store the receipts of peonies are very heavy and some exceptionally fine stock is included in the daily shipments.

Miller & Musser are celebrating their second Memorial day in the wholesale business and are gradually building up a splendid trade.

Sam Seligman, representing Wertheimer Bros., New York, left for home this week to get a new line of creations to show his customers on his next trip.

BIG SUPPLY OF ROSES

For Memorial Day

You Can Get What You Want Here In

American Beauties	Mrs. Chas. Russell
Milady	Richmond
Killarney	White Killarney
My Maryland	Sunburst
	Ophelia

Our prices for Memorial Day are very reasonable when the exceptionally fine quality of the roses that we are offering is considered. Send us your order as early as possible and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Extra fine Red, White and Pink at \$5.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Memorial Day Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....	} Extra select.....	Per 100	\$10.00
Killarney.....			
White Killarney.....			
My Maryland.....			
Sunburst.....			
Ophelia.....	} Select	8.00	\$5.00 to
Milady.....			
	} Medium	6.00	
	} Short	4.00	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$3.00
Select	2.50
Medium	\$1.50 to 2.00
Short .....	.75 to 1.00

Per 100

Roses, our selection.....	\$4.00
Carnations, fancy	5.00
Harrisii	\$12.50 to 15.00
Peonies	6.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000.....	\$3.50 .40

2,000,000 Feet of Modern Glass

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

PEONIES

Very Fancy Stock in All Colors

FOR MEMORIAL DAY

At \$4.00, \$6.00, \$8.00 per 100.

LARGE SUPPLY OF ROSES

Russell--Killarney--White Killarney--Ward
Richmond -- Sunburst -- Ophelia -- Milady.

ALL THE LEADING CARNATIONS

Lilies	Callas	Sweet Peas	Snapdragons	Iris
Valley	Calendulas	Daisies	Cape Jasmine	Gladioli
Tulips	Narcissus Poeticus	Mignonette	Greens	

Place your orders with us for Memorial Day. Our stock is of fine quality and our prices are reasonable.

JOHN KRUCHTEN CO.

162 N. Wabash Ave.,

PHONES—CENTRAL 8016-8017

CHICAGO



Wietor Bros. are very enthusiastic over their Mothers' day trade, which was the best ever and compared most favorably with Easter. N. J. Wietor says that he is willing to head a subscription list with \$25 and believes that the other wholesalers would do their share if they were only approached, the entire amount to be turned over to the Chicago Florists' Club, to be forwarded to the Mothers' Day International Association, who asked for financial assistance through Robert Kift, of Philadelphia, Pa., at the last meeting. Wietor Bros. are now cutting from a splendid crop of Sunburst roses, which are in brisk demand.

Poehlmann Bros. Co. cleaned up completely in all lines for Mothers' day, which was surprisingly good, and much better than last year. Roses and carnations sold best, but miscellaneous stock had a good call and everything was disposed of at an early hour each day. At Morton Grove, Tony Gabel and his crew have finished planting 250,000 carnation plants out in the field and are now busy propagating chrysanthemums. Tom Conlon, superintendent of the plant department, reports a good demand for calceolarias, which the retailers claim is not only a good seller, but a dandy window attraction.

Kroeschell Bros. Co. is delivering four 300 h. p. Kroeschell steam boilers to the A. F. Amling Co., at Maywood this week which will be installed to heat their large new range of rose houses now nearly completed. The Kroeschell Co. will soon deliver a 160 h. p. steam boiler to J. D. Thompson Carnation Co. at Joliet which will help to keep Aviator and all their other good carnations warm next winter.

The George Wittbold Co. will be located in their new store on Buckingham Place much earlier than they ex-

pect if the second section of the Wittbold apartments is completed as rapidly as the first. They are working under difficulties in the store now, but are taking care of all their customers, as well as they did before, but will no doubt be better pleased when all the building operations are completed.

Weiland & Risch are cutting exceptionally fine Mrs. Francis King, Augusta and America gladioli. They have a supply of their new rose, Champ Weiland, on display every day at their store where it is always an object of interest to the trade. John Risch says that Weiland & Risch will grow this variety on a large scale next season and have already planted six large houses to it.

A. L. Vaughan & Co. were more than pleased with their Mothers' day trade which was much better than Easter and cleaned up completely in all lines before the rush was over. This firm is showing a fine supply of peonies in all colors and in all grades and will have a tremendous supply to offer for Memorial day in addition to their regular complete line of cut flowers.

Paul Klingsporn says that trade for Mothers' day was surprisingly good at the Chicago Flower Growers' Association store and that the sales compared most favorably with those of Easter which were a record breaker. Both the local and shipping trade were brisk and a grand clean up was experienced.

The A. Dietsch Co. delivered the last car of greenhouse material this week to Furrow & Co., of Guthrie, Okla., for their new range of seven houses, each 27x150 feet. This is the third range that Furrow & Co. have built in which Dietsch material has been used.

The Central Floral Co.'s new store on North State street looks 100 per

cent better since their new set of Buchbinder fixtures have been installed and compares most favorably with any other retail establishment in the city.

John Michelson says that the E. C. Amling Co. had a splendid Mothers' day trade and that the total sales were away ahead of last year. This firm is handling a large supply of fine Ophelia, Milady and Mrs. Chas. Russell roses.

Bernie A. Zalinger says that trade has been good right along at his store at 175 West Jackson boulevard and reports a brisk Mothers' day trade.

The American Greenhouse Manufacturing Company has already delivered several carloads of material for Gullett & Sons' new range at Lincoln.

The A. L. Randall Co. disposed of a large supply of peonies for Mothers' day which were in good demand owing to the shortage of other stock.

The Ickes-Braun Mill Co., 2340 Wabansia avenue, report business as good and that inquiries from prospective builders are numerous.

Bob Tesson, who was formerly engaged in the retail florist business at St. Louis, Mo., visited old acquaintances here this week.

E. F. Winterson Co. report a highly satisfactory Mothers' day trade, equal almost to that of the last big flower day.

Vaughan's Seed Store will receive a big shipment of bay trees on the S. S. New Amsterdam, due next week.

Robert Northam is pleasing George Reinberg's customers with a fine grade of Richmond and Ophelia roses.

William F. Vlk, 5118 South Ashland avenue, has added a new panel top car to his delivery service.

The Batavia Greenhouse Co. sold a large quantity of cut lilac for Mothers' day.

CHOICE PEONIES

FOR MEMORIAL DAY

ROSES, BEAUTIES, CARNATIONS, LILIES, CALLAS, IRIS, NARCISSUS POETICUS, JASMINE, SWEET PEAS, VALLEY, TULIPS, JONQUILS, GREENS, ETC.

To get good prices you must have quality—We have Quality, Quantity and Variety so place your order with us.

MEMORIAL DAY PRICE LIST.

BEAUTIES.

	Per Doz.
Long stems	\$5.00
30 to 36-inch stems.....	4.00
20 to 24-inch stems.....	3.00
15 to 18-inch stems.....	\$2.00 to 2.50
12-inch stems	1.00 to 1.50

RUSSELL.

	Per Doz.
Special	\$3.00
Select	2.50
Medium	\$1.50 to 2.00
Short .....	.75 to 1.00

Roses, our selection,
per 100, - - \$4.00

KILLARNEY, WHITE KILLARNEY,
RICHMOND, WARD, SUNBURST,
MARYLAND, KILLARNEY

	Per 100
Special	\$10.00
Fancy	8.00
Good	\$4.00 to 6.00

ORCHIDS.

Cattleyas	per doz., \$9.00
-----------------	------------------

CARNATIONS.

Special fancy	\$5.00
Good	4.00

EASTER LILIES.

Select	\$12.50 to \$15.00
Shorter	10.00

PEONIES.

Special	\$8.00
Fancy	6.00
Good	4.00

MISCELLANEOUS. Per 100

Callas	\$12.50 to \$15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Tulips	3.00 to 4.00
Jonquils	3.00 to 4.00
Cape Jasmine	1.50 to 3.00
Spanish Iris	4.00 to 6.00
Narcissus Poeticus	2.00 to 4.00

GREENS.

Asp. Plumosus ...per string	\$0.50
Asp. Plumosus Sprays, bunch,	\$0.35 to .50
Sprenger ...per bunch,	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 3.50
Galax Leaves	per 1,000, 1.00
Boxwood	lb., .25
Leucothoe	per 100, .75 to 1.00

ERNE & KLINGEL

WHOLESALE FLORISTS

30 E. Randolph St.,

L. D. Phone Randolph 6578

CHICAGO, ILL.

U S Budlong's
E Blue Ribbon Valley.

FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprenger, Adiantum, as well as other Seasonable Stock and Greens.

You can increase your profits and business by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The John C. Moninger Co. has been given the order for a large conservatory to be erected for William B. Kelley, Lake Forest. Rudolph Kurowski reports business from the east very good, the New York office sending in new orders right along.

The landscape work at Frank Oech-

slin's handsome new residence on Jackson boulevard is in charge of H. J. Stockmans. Mr. Oechslein expects to move in this week.

Frank Schramm's greenhouses at Crystal Lake were hit quite heavily during the severe hail storm last Sunday, May 14.

It is rumored that one of the leading down-town florists will open a branch store on the second floor of a prominent loop building in the near future.

M. C. Gunterberg reports a brisk Mothers' day trade with a satisfactory cleanup in all cut flowers.

HANGING BASKETS

Fergeries on Stands—Window Boxes—Jardinières for the Porch, Sun Parlor and Arbor.

**Bridal Staff Baskets
Shepherd's Crooks
Bride's Staffs, Etc.**

If you have not already received one of our illustrated circulars send for it today. You should never be without one.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.



Miss Elizabeth Wagner and Frank Koneczal, with Erne & Klingel, were married Wednesday, May 17.

Visitors: John Lapes, Cedar Rapids, Ia.; Mrs. Ennis, Milwaukee, Wis.; Frank Farney, representing M. Rice Co., Philadelphia, Pa.; J. Aldous, Iowa City, Ia.; Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, Pa.; S. A. Baur, Erie, Pa.

Cincinnati.

GOOD MOTHERS' DAY SALES.

Mothers' day business cleaned up everything in the market, the demand being very good. The growers cut everything so close for last week's demand that the market was still tight the early part of this week, but toward the middle of the week, however, it eased somewhat. American Beauties and other roses are in a good supply and carnations, too, are plentiful. The cut of Easter lilies is still very heavy. Irises are now coming in and have been meeting with a fair market and snapdragons meet with a fair call. Sweet peas are plentiful and the first peonies have made their appearance. Gladioli sell well. Other offerings include lily of the valley and orchids.

NOTES.

C. E. Critchell was the first in the market with peonies. He has already made arrangements for a large supply for Memorial day.

Fred Brueggemann and wife, of New Castle, Ind., are in the city renewing old friendships.

P. J. Olinger is having an excellent cut of roses.

Visitor: Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, Pa.

H.

FALMOUTH, MASS.—A new flower shop has been opened on Main street under the management of James Nicol.

HOUSTON, TEX.—The appointment of a receiver for the Forestdale Flower Shop, 617 Main street, and the cancellation of the lease is asked for in a suit for \$950 which has been filed in the district court by Sam Rouse.

Cape Jessamine Buds For Memorial Day 800,000 this season.

Buds rolling on every train. No order too large for us. Personal attention to all orders. Personal checks not accepted from strangers.

Class X, 12 to 18 inch stem.....\$1.50 per 100; \$13.00 per 1000

Class A, 8 to 12 inch stem.....1.00 per 100; 8.50 per 1000

Class B, 4 to 8 inch stem.....5.00 per 1000

Terms: Cash or C. O. D.

F. O. B. Alvin.

Write, phone or wire.

Alvin Cape Jessamine & Floral Co., Alvin, Texas

Wholesale Florists.

References: Citizens' State Bank.

Union Grove, Wis.

French & Salm are cutting a magnificent supply of Mrs. Chas. Russell roses and will have a large, steady cut from now on all through the summer months. They have three large houses, each 58x350 feet or about 75,000 feet of glass all told, devoted exclusively to this variety and the stock is in such splendid condition that it is worth going a long distance to see. Trade visitors have been numerous at this establishment the past few months and everyone has been greatly surprised at the wonderful condition of the 36,000 plants which are just starting their second season. The plants are big, strong and bushy and well laden with that much desired dark green foliage and the bottom shoots are a sight to behold. They are in splendid crop right now and the plants are producing almost as heavily as Killarney and the cuts average from 4,000 to 5,000 flowers a day. The houses which are of Lord & Burnham construction are modern in every respect with both top and side ventilation and seven acres of land adjoining the greenhouses will give them all the soil that is needed for years to come and the local supply of cow manure is plentiful enough so that the plants will receive all the nourishment that is necessary and which is quite an asset to the growers nowadays. Guy and Dick, as the proprietors are best known to the trade, took charge of this place March 1,

1915, and are more than pleased with the success that they have had since then. One can get a better idea of the condition of the stock by inspecting same for it is in such splendid condition that it is rather difficult to properly describe it in so small a space and then besides the latch string is always out and everyone is welcome. It would not be at all surprising if several houses were added before the year is over and is almost safe to gamble that American Beauty roses will be given considerable bench space in the new range. An Enchantress colored sport of Mrs. Chas. Russell is attracting the attention of the visitors and has all the good points of the parent variety and looks very promising.

Chicago Bowling.

Walter Amling's picked Maywood five defeated the Florists in a match contest in that city last week. The scores were as follows:

Maywood.	1st	2d	3d
Schutte	203	178	168
Amling	196	174	191
Guenther	199	183	173
Koop	186	185	161
Degratio	197	181	182
Totals	981	901	875
Florists	1st	2d	3d
Huebner	177	169	158
Lorman	169	154	192
Zeeb	159	180	174
Price	171	183	172
Olsem	156	174	179
Totals	831	860	875

NEW CROP

W. P. KYLE

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Fort Wayne, Ind.

Mothers' day trade in this city was enormous, far surpassing any previous observance. Newspaper advertising and other publicity did much to stimulate interest and bring about a call for flowers other than the white carnation, with the result that everything sold well, roses especially. Business in general is good and the bedding season has now opened in earnest. An immense trade for Memorial day is anticipated.

NOTES.

A communication recently received in this city states that another monument to Johnny Appleseed was erected at Ashland, O., July 28, 1915, more than 1,000 school children contributing five cents each for the purpose.

In the civic beautification contest a prize of \$50 has been offered in the backyard contest which has brought forth more than 2,000 entries, which mean good business for the florist who deals in shrubs, etc.

On Thursday, Friday and Saturday of last week the Pandell Flower Shop donated its net proceeds of sales to

Fancy Ferns.....\$1.35 per 1000
Dagger Ferns.....1.15 per 1000
Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss.....3.50 per bag
Huckleberry Foliage.....\$2.50 per case
Lyrata (Evergreen Oak Foliage).....2.50 per case
Edward A. Beaven, Evergreen, Ala.

JOSEPH FOERSTER

New Crop of Carnations

Freesias, Daffodils, Tulips and all kinds of Flowers in Season.

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.

751 S. Broadway, Los Angeles, Calif.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
Mrs. Chas. Russell....	75 @ 3 00
Per 100	
" Beauty, short.....	\$6 00 @ 8 00
" Hoosier Beauty.....	2 00 @ 10 00
" Killarney Brilliant.....	2 00 @ 10 00
" Killarney.....	2 00 @ 10 00
" White Killarney.....	2 00 @ 10 00
" Richmond.....	2 00 @ 10 00
" Prince de Bulgarie.....	2 00 @ 10 00
" Rhea Reid.....	2 00 @ 10 00
" My Maryland.....	2 00 @ 10 00
" Mrs. Geo. Sawyer.....	2 00 @ 10 00
" Milady.....	2 00 @ 10 00
" Sunburst.....	2 00 @ 10 00
" Mrs. Aaron Ward.....	2 00 @ 10 00
" Hadley.....	2 00 @ 10 00
" Ophelia.....	2 00 @ 10 00
" Double White Killarney.....	2 00 @ 10 00
" Mrs. Moorfield Storey.....	2 00 @ 10 00
" Cecile Brunner.....	3 00
" George Elgar.....	3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	2 00 @ 4 00
Cattleyas..... per doz., 9 00	
Gardenias..... per doz., 3 00 @ 4 00	
Jonquils.....	1 00 @ 3 00
Peonies.....	4 00 @ 8 00
Tulips.....	3 00 @ 4 00
Lilium Harrison.....	10 00 @ 12 50
Mignonette.....	6 00
Sweet Peas.....	75 @ 1 50
Valley.....	3 00 @ 5 00
Adiantum Croomianum.....	1 00 @ 1 50
Snopdragons..... per doz., 75 @ 1 50	
Daisies.....	1 00 @ 3 00
Spanish Iris.....	5 00 @ 6 00
Calendulas.....	3 00 @ 4 00
Ferns..... per 100, 3 50 @ 4 00	
Galax.....	1 00 @ 1 25
Leucothoe.....	75 @ 1 00
Mexican Ivy..... per 1000, 5 00 @ 6 00	
Plumosa Strings..... each, 60 @ 75	
Smilax..... per doz., 2 00 @ 2 50	
Sprenger, Plumosa Sprays.....	3 00 @ 4 00
Boxwood, 25clb per case.....	7 50

the new open air school project of the anti-tuberculosis league.

W. J. & M. S. Vesey report splendid sales for Mothers' day. They had a great supply of roses and blooming plants.

The Flick Floral Co. reports continued good business. The demand for Mothers' day was very heavy, stimulated by extensive advertising.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing



S. ENOMOTO

T. HONDA

Enomoto & Co., Inc.

Wholesale Florists

35 ST. ANNE ST., off Bush St. near Kearny
Phone: Douglas 4295 SAN FRANCISCO, CALIF.

For Your Memorial Day Business

EXTRA LONG NEW DAGGER FERNS

Booking orders now—Special Prices in case lots. The Best Ferns you have ever used so early in the season.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MOTHERS' DAY TRADE BETTER THAN 1915.

The feature of the week was the business of Mothers' day. All looked forward to it with interest, but very few took the trouble to help it along by advertising, window decorations, or by sending cards to their customers. Charles Grakelow made an appropriate window decoration and also a display in the lobby of the Grand Opera house. His business for this day was much better than last season. John Gracey did very well—better than last year, and from nearly all the uptown florists, the report was the same. In fact all the trade in the residence districts felt the increase of business and were much benefited by the observance of the day. The central city shops did a fair business, but not so much in proportion to their volume of trade as the smaller stores. The street men handled large quantities of carnations, according to Edward Reid; they are the only ones who will take a chance, most of the store men being "dead ones", afraid of their shadows. The market was very full as a great deal of stock had been "prepared", so that there should be sufficient for the demand. The wholesale men claim to have sold out at prices ranging from \$4 to \$8 for the white, a few extra fine ones bringing twelve. S. S. Pennock is of the opinion that it would be a good thing if the retailers would get together and plan to boost other flowers; they did not like to have to charge so much for white carnations, but were driven to it by the demand. He believes the business showed quite an increase over that of last season. The market is very full of flowers. All kinds of roses are arriving in quantities that make them difficult to handle. There are also some very good sweet peas, which sell as well as anything. Carnations are back again to normal figures, but still reflect the demand of Mothers' day. Easter lilies are still very plentiful and selling at prices that favor the buyer.

NOTES.

Julius Wolff, Jr., is giving up his greenhouses at Sedgely avenue, having sold the ground to the Pennsylvania R. R., which is widening its road-bed at that point and requires quite a slice of the property. He will give up the wholesale decorative business in which he did so much for the trade in renting palms, and confine his efforts entirely to the demands of his retail store and the smaller decorative work necessary in carrying it on. He thinks after all his years of hard work he can afford to take it a little easier.

Edward Reid is well pleased with his clean up for Mothers' day. He had a big stock of carnations and sold them all at prices he said would be satisfactory to the growers. Choice Mock roses are a feature here.

Choice orchid sweet peas and good Maryland roses were seen at the Berger Brothers' Market. High grade lily of the valley is also in stock. A very good demand for Mothers' day is the report.

American Beauties are leaders with the Leo Niessen Co. Snapdragons and sweet peas are also features. K.

Wholesale Flower Markets

BOSTON, May 17.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
" select.....	2 00@ 3 00	

BUFFALO, May 17.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 8 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Francis Scott Key.....	4 00@10 00	
" Shawyer.....	4 00@ 8 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 5 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@ 3 00	
Snapdragons.....	2 00@ 6 00	
Yellow Tulips.....	2 00@ 3 00	
Daffodils.....	2 00@ 3 00	
Asparagus Sprengeri... 35@ 50		
Ferns.....per 1000. 3 00		
Smilax.....	15 00	

CINCINNATI, May 17.		Per 100
Roses, Beauty.....per doz..\$1 50@\$5 00		
" Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
" Taft.....	3 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus, per bch. 25c		
Orchids.....per doz., 6 00@7 50		
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@10 00	
Gladiolus.....	4 00@ 6 00	
Sweet Peas.....	25@ 1 00	

Toledo.

GREAT MOTHERS' DAY BUSINESS.

Notwithstanding the fact that Mothers' day this year followed so closely after the Easter rush, the trade in this city under the auspices of the florists' club made determined and intelligent effort to prevent any slowing down. Florists were furnished with window cards and banners for their delivery cars, advertisements were inserted in the newspapers, and the results have justified the preparation. The market was in splendid condition. All seasonable flowers were in good supply, and the cuts of carnations and roses were especially liberal. Sweet peas were in splendid crop and sold in great quantities. Advertising has

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ransstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

wonderfully increased the demand for plants for Mothers' day, and all good stocks were cleaned up. It was a great day. May Miss Anna Jarvis, the founder, get the co-operation from the florists generally that she so well deserves.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

NEW MEETING PLACE OF FLORISTS' CLUB.

Through the efforts of Arthur C. Kneisel, secretary, the florists' club now has a splendid meeting place on the fifteenth floor of the Nicholas building. These rooms were donated to the use of the club by the Retail Merchants' Board of this city. J. H. Coombs, secretary of this board, was present and gave the large attendance of florists a stirring insight into the real meaning of co-operation and how it would result in immeasurable benefit to all. The proposition suggested by THE AMERICAN FLORIST of giving Miss Anna Jarvis an appropriate testimonial to aid her in carrying on her Mothers' day work was discussed. This matter will again be taken up at the June meeting of the club.

NOTES.

The writer spent an hour the other day with Tom Magee, the genial manager of the Scottwood Greenhouse, and found that worthy head over heels in work, preparing for spring planting and Mothers' day. While there the writer saw some magnificent specimen hydrangea plants. Tom has a great reputation as a grower and produces some splendid stock. His geraniums are in great condition and are the best the writer has seen here.

Hirzel Brothers is the name of the firm that succeeds to the long established business of E. A. Kuhnke in East Toledo. This firm joined the florists' club at the last meeting. They are live wires and are doing an encouraging business.

Warning's Flower Shop has been on Broadway but a year now, and is making rapid strides in business. This is a good residence district and offers a good opportunity for a live florist.

A. C. K.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 17.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@15 00	
" Hadley.....	8 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	6 00@20 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	75 00@100 00	
Callas.....	8 00@10 00	
Lilium Harrisii.....	6 00@10 00	
Lilacs..... per bunch, \$0.75@\$1.00		
Sweet Peas.....	50@ 1 00	
Snapdragons.....	3 00@ 8 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Asparagus..... per bunch, 50		

PITTSBURGH, May 17.		Per 100
Roses, Beauty, special.....	30 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Sweet Peas.....	50	
Spanish Iris.....	5 00	
Yellow Daisies.....	2 00	
Carnations.....	2 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, May 17.		Per 100
Roses, Killarney and W. Killarney	4 00@10 00	
" Ward.....	4 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@25 00	
" Ophelia.....	5 00@10 00	
" Hoosier Beauty.....	4 00@ 8 00	
Lilies..... per doz., 1.50		
Cattleyas..... per doz., 6 00		
Sweet Peas.....	50@ 1 50	
Carnations.....	6 00	
Snapdragons..... doz., \$0.75@\$1 00		
Daffodils.....	3 00	
Tulips.....	3 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, May 17.		Per 100
Roses, Beauty, medium.....	20 00@25 00	
" short.....	8 00@15 00	
" Killarney.....	4 00@ 8 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 50	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	3 00@ 6 00	
Callas.....	8 00@12 50	
Lilies.....	4 00@ 8 00	
Lilacs.....	4 00	
Asparagus Plumosus, per bu., 25@75		
Ferns..... per 1000, 3 00		
Bronze Galax..... per 1000, 1 00		

WE ARE WHOLESALE FLORISTS.

WE handle every variety of Cut Flowers. **WE** have 22 years experience behind us, and we do not expect a gold medal for doing our full duty by our consignors and customers.

You cannot go very far wrong when dealing with us.

GUTTMAN & RAYNOR, Inc., PHONES: 2036 101 W. 28th St., NEW YORK
FARRAGUT 2037
558

New York.

LOW PRICES RULE THE MARKET.

There has been little change in the condition of the wholesale trade since our last notes were written. On account of "Mothers' day" there has been a stronger demand for white carnations, the price of which ranged from \$3 to \$6 per 100. Possibly a few novelties sold at the rate of \$8 per 100, but they were exceptions. Pink carnations ranged from \$2 to \$4 per 100, it being very special stock that brought the latter price. American Beauties have been doing a little better on account of the supply being somewhat lighter, but \$20 per 100 is the best price. In other roses there is no change worthy of note. Asked about lilies, a leading wholesaler said: "They are selling at whatever we can get for them," which tells the story. Sweet peas are yet in abundant supply and are selling very cheap. The peonies will soon be a leading factor, as there is a great stock in sight. One dollar per dozen for southern stock is now the ruling price.

May 15.—While there was more or less buying in the wholesale market this morning, business in general is quiet. Reports on the Mothers' day trade are to the effect that white carnations went to six, eight and in a few instances ten cents on account of buyers from Philadelphia and other cities drawing on this market. The majority of retailers interviewed state that their sales in this line were light and some did not buy white at all. Pink varieties sold slow and four cents was the best price. In other stock there was no material change in prices.

NOTES.

Much has been said and written about Mothers' day. The writer does not doubt that the lady who originated it was prompted by the highest and purest motives. She did not realize that a holy sentiment would be commercialized—but it has been done. We believe that there are features of this life that are far above money-making, and mother love should be one of them. Pushing up the price of white carnations from \$2 to \$6 per 100 is not increasing mother love; it is putting it on the market to the highest bidder. In one stanza of her poem, "Rock Me to Sleep," Mrs. Allen stated a matchless sentiment:

"Over my heart in the days that are
flown,
No love like mother-love ever has
shone;
No other worship abides and en-
dures,—
Faithful, unselfish, and patient like
yours;
None like a mother can charm away
pain
From the sick soul and the world-
weary brain."

That is a too high and holy sentiment to be commercialized.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

The following appeared in the New York Times, of May 15. If the suffragists can clean up the market on that day, they will win a lot of converts in the wholesale district: "Women who are to sell flowers in the big suffrage flower market, to be held on the corners of Fifth avenue cross streets from Thirty-fourth to Fifty-eighth streets, Saturday, May 27, are to take lessons of professional salesmen for the work, and definite arrangements for flower-selling lessons will be made on Friday of this week. The market will be held from 10:30 a. m. until dark and will open with a parade of 100 flower-filled automobiles which will run up Fifth avenue from Washington square to Fifty-ninth street and returning leave two automobiles at each of the intersecting streets, one at the northwest and the other at the southeast corner. There will be three suffragist sales women to a car dressed in white, each wearing a suffrage sash and a brilliant colored crepe paper hat."

Turning to the Brooklyn plantmen, they, too, are active. We have said in that past that Louis Schmutz, father and son, were wizards in plant growing, and every time we call on them we are confirmed in that opinion. They are selling all the time, but manage to always have a good stock on hand. At present they have a fine stock of hydrangeas in all sizes. Pandanus Veitchii, gloxinias, tuberous rooted begonias, dracaenas and much other fine stock. Not being able to get rubbers from Belgium this year, they got them from New Orleans, and are well pleased with the stock. They have a nice stock of pink and white oleanders, plants that are now but little grown, but deserve a better fate than to be discarded. A well grown oleander is a highly ornamental plant.

The American Peony Society, in conjunction with the Horticultural Society of New York, will hold an exhibition at the American Museum of



Geo. C. Siebrecht WHOLESALE FLORIST

109 West 28th St., NEW YORK
Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED

Natural History, June 9-11, inclusive Schedules may be had on application to the secretary of the American Peony Society, A. P. Saunders, Clinton, N. Y., or to the secretary of the Horticultural Society of New York, George V. Nash, Mansion, New York Botanical Garden, Bronx Park, New York City. The American Museum of Natural History, Central Park West and 76th street, is a popular place for such an exhibition and is always well patronized.

Visiting the Flatbush, Brooklyn, growers the past week, we found them well satisfied with the season's business and they are yet showing good stock. The carnation growers have their young stock planted in the field and, so far as we could observe, it is doing well. The Flatbush growers look with but slight favor on Alice

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones: 1664 | Madison 34 W. 28th St., New York
 1665 | Square,
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

 Telephone Farragut 9761
Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St.
New York

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301
 Mention the American Florist when writing

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

J. J. COAN, Inc.
Wholesale Commission Florist
115 W. 28th St., New York
 Telephones: Farragut 5413 and 5891.
 CONSIGNMENTS SOLICITED.
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, May 17.	Per 100
Roses, Beauty, special.....	20 00
" extra and fancy....	20 00@60 00
" No. 1 and No. 2....	3 00@ 5 00
" Prima Donna, special....	1 00@10 00
" Alice Stanley.....	1 00@ 8 00
" Francis Scott Key, special..	1 00@ 6 00
" Mrs. Geo. Shawyer.....	1 00@ 6 00
" White Killarney, special....	6 00
" Killarney, My Maryland....	4 00@ 6 00
" " special.....	25@ 2 00
" " No. 1 and No. 2....	1 00@ 6 00
" " Queen.....	50@ 6 00
" " Brilliant.....	1 00@ 8 00
" Aaron Ward.....	25@ 5 00
" Richmond.....	25@ 5 00
" Sunburst.....	1 00@ 8 00
" Taft.....	1 00@ 6 00
" J. L. Mock.....	1 00@15 00
" Hadley.....	25@ 5 00
" Ophelia.....	1 00@ 6 00
" Mrs. Chas. Russell.....	1 00@ 6 00
" Hoosier Beauty.....	2 00@20 00
" Ulrich Brunner.....	75 00
Cattleya Orchids, special.....	15 00@30 00
interior grades.....	2 00@ 3 00
Lilies, Longiflorum and Harrisii..	2 00@ 3 00
Lily of the Valley.....	2 00@ 3 00
Carnations.....	2 00@ 3 00
Adiantum Croweatum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....doz. bchs.	2 00@ 2 50
Smilax.....doz. strings..	1 25@ 1 50
Gardenias.....per doz.,	75@ 1 00
Sweet Peas, orchid flowered.....	25@ 75
Mignonette.....per doz., 50c@ \$1.00	
Lavander Lilac.....per bunch.	\$0.15@ \$0.25
Snaptax.....per doz.,	75@ 1.00
Callas.....per doz.,	75
Corn Flowers.....per doz.,	1.00 1.50
Peonies.....per doz.,	1.00
Iris, Spanish.....	2 00@ 4 00
Daisies, Yellow.....	50@ 1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Manus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK





JOIN THE LEADERS

We supply the leading florists throughout the United States who recognize Arnold Boxes as those which best fill their needs as to Quality, Style and Price. Prices quoted and samples sent on request.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

and Pink Sensation. Whatever the two varieties may have done in other places, they are practical failures there.

Fred. Cucker, who for the past seven years has worked in Paul Meconi's wholesale store, has enlisted in the U. S. army and is now stationed at Fort Slocum. He is a very bright and active young man and has had an eventful career. He was born in China, his father, who died in this city about two weeks ago, being a missionary there at the time of his birth. As a soldier, we do not doubt that he will make good.

George W. Crawbuck, who for a number of years has been manager of the Greater New York Florists' Association, 162 Livingstone street, Brooklyn, has resigned and taken the store at 57 West 28th street, New York, where he will open as a wholesaler, about June 1, as George W. Crawbuck, Incorporated. He is a clever and active man and we wish him success.

It has been said that troubles never come singly, and it often seems so. We have noted the illness of Jonathan Nash, of Moore, Hentz & Nash. Now, we learn that John Kral, their head salesman, is down with an attack of pneumonia. John is one of the finest men in the wholesale district; there is not a kink in his character, and we hope to see him about soon.

At the D. Y. Mellis range near Holy Cross cemetery, Brooklyn, Manager Boyd has a great stock of plants. As the business of this range is largely cemetery work, stock is grown to meet the demand. The venerable Mrs. T. J. Dixon, who is also located near Holy Cross cemetery, though 78 years old keeps about and assists with business.

Julius Chevally, of Blue Point, one of the leading carnation growers of Long Island, was in this city May 12-13. The King Construction Co. is erecting a new carnation house for him, 60x200 feet. Blue Point has become a great center for carnation growing.

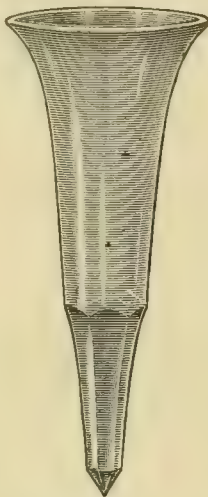
Philip Krebs, a grower of Orangeburg, N. Y., and well known in the wholesale district, has just bought a nice automobile and now makes his daily trips in about one hour, the distance being about 25 miles. Philip is a hard worker, and we are pleased to note his prosperity.

A. Demeusey, Brooklyn, had a very fine stock of carnations. He has quite a stock of a deep pink sport of Enchantress that sported in his stock. We have seen no sport of Enchantress that has impressed us more favorably.

At Dailedouze Brothers, Brooklyn, we noted a fine house of Mrs. Ward and another of Enchantress Supreme. A fine stock of white carnations was brought in for Mothers' day. The rose Ophelia is noteworthy at this range.

The first peonies of the season arrived at J. K. Allen's, 118 West 28th street, May 10. They were shipped from Virginia and were in good condition. Indications point to a very heavy peony crop for this season.

G. Messeberg, Brooklyn, divides his attention between cut flowers and plants, growing good carnations and other cut stock and a variety of



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.
Can be supplied in green or white.
Dozen, \$3.00; barrel of 3 dozen, \$7.50.
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO

31-33 W. Randolph St.,

NEW YORK

43 Barclay St.

NEW FERNS

Fancy Ferns\$1.35 per 1000
Dagger Ferns 1.15 per 1000
Green Sheet Moss 1.75 per bag
Perpetuated Moss 3.50 per bag
Huckleberry Foliage 2.50 per case
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN.

ALABAMA

plants. We found him shipping out a fine lot of euonymus.

James Conlon, the retailer, of 46 Smith street, Brooklyn, had large orders for funeral work during the past week, and we noticed a number of fine designs. He is also doing a good business in plants.

The Twentieth Century Flower Shop is the title of a retail enterprise, recently started at 1 West 42d street by P. Hecht, formerly of Boston. This is one of the most desirable locations in the city.

The firm of Goldstein & Futterman is handling very attractive novelties. They have a splendid stock of yellow daisies, Spanish iris and corn flowers, as well as lilies, roses and carnations.

Robert M. Smith, formerly with Guttman & Raynor, Inc., and well known in the wholesale district, is now managing the Kopp retail store at 1766 Broadway, Brooklyn.

Jonathan Nash, of Moore, Hentz & Nash, was kept from business during the past week by an attack of grippe, but we are pleased to state that he is now greatly improved.

At the Henry Hession range, Brooklyn, they are growing fine carnations. They have a stock of a crimson seedling of their own production that looks very promising.

In speaking of Brooklyn wholesale florists, Samuel Stone, of 359 Jay street, must not be forgotten. He is always on the job and is doing business.

Louis Constant, formerly of Pitot & Constant, 144 Columbus avenue, who left for France about the first of this year, is now in the French army.

Retail Florists



Now is the time to prepare your advertising for May, covering

Spring Planting

Memorial Day

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box\$1.50
5 boxes for 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

William P. Ford has been visiting his home and farm at Chad's Ford, Pa. He will have a great stock of peonies for Memorial day.

George C. Siebrecht, 109 West 28th street, will be well supplied with peonies as long as they last.

P. F. Kessler, in the Coogan building, is handling a nice stock of corn flowers which sells well. A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.
L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 North Grand Ave.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York, Washington, D.C.

J. H. SMALL & SONS,
FLORISTS

NEW YORK, WASHINGTON, D. C.,
505 Madison Av. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.
Members of Florists' Telegraph Delivery.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.
Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

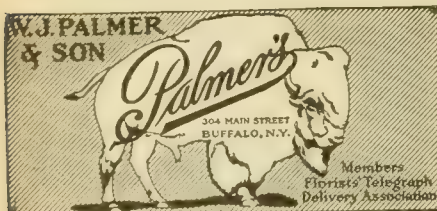
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Members of Florists' Telegraph Delivery.



New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:

1501 and L1582

Members of Florists' Telegraph Delivery.

Max Schling

NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

Pueblo, Colo.

D. M. McMurray

FLORIST

105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist

603 Title Guarantee Bldg.

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty

Phone A-2550 229 W. 4th Street

Send Telegraph, Telephone or Mail orders for
florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive
prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

VAN METER FLOWER SHOPSPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guar-
antees efficiency to take care of all orders. 20 per
cent allowed.

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Trade Directory

Containing the Names and Addresses of
Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good
sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



Members of Florists' Telegraph Delivery.

WASHINGTON

D. C.

Gudes'

San Francisco, Calif.

233-235 Grant Avenue.

JOSEPH'S Flowers, Fruits, Favors

B. M. JOSEPH. Phone Sutter 423.

Novelties for
"Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

DES MOINES

IN THE CENTER OF IOWA

**J. S. Wilson Floral Co.**

We cover all points in Iowa.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackistone

14th and H. Street

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hadesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
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Denver, Colo.—The Park Floral Co.
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Des Moines, Iowa.—J. S. Wilson Floral Co.
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Ft. Smith, Ark.—George Rye.
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Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Lincoln, Neb.—Frey & Frey.
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Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
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Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
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New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
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Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
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Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
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Sheboygan, Wis.—J. E. Matthews.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steuenville, O.—Huscroft's Flower Shop.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackistone.
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Choice Cut Flowers and Designs on short notice.
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will take care of all telegraphic orders.

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Orders will be carefully
cared for by

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

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Japanese

Dutch

as well as

Bermuda and California Stocks

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by Our Own Traveler**

Offered by Us at Rates and Terms
to meet any competition

25 years' record here in the U. S., in the importation of dependable stocks of forcing bulbs, with the output of many dependable growers to choose from, should entitle our offers to favorable consideration from every American buyer.

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

Write Us for News of Latest Foreign Conditions

VAUGHAN'S SEED STORE
NEW YORK CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

THE advance in bean prices is making trouble for contract growers in Michigan and elsewhere.

GILROY, CALIF.—L. W. Wheeler, of the Pieters, Wheeler Seed Co., and wife are in the Yosemite Valley on a short vacation trip.

LONDON, ENG.—The will of the late Harry Norman Dunnett, of Carter, Dunnett & Co., has been proved at 57,168 pounds sterling.

T. SAKATA, of the Sakata Nurseries, Rokkubashi, Kanagawa, Japan, is making a tour of the United States, calling on the trade of the principal cities.

NORTH CAROLINA bulb growers complain that the new crops are not coming up well as there has been no rain for several weeks. Rain is necessary to start the crop.

ALFRED ROSS, of Ross Bros., Wichita, Kans., died May 14. The business will be continued as heretofore with L. B. McCausland manager. For further details see obituary column.

THE crop of onion sets in the Chicago district is looking well. Cultivation began last week and good rains are helping crop conditions, although increasing labor in the weeding. Some lots on high ground suffered from the heavy winds last week.

PARIS, FRANCE. — Sergeant Rene Godineau, of the Seventy-first Regiment Territorials, charged to assist a superior officer in a perilous and difficult undertaking on March 10, accomplished the task so creditably, with such disregard of danger and such control of his subordinates that he has been decorated with the cross of war.

CHICAGO.—Prices for grass seed on the Board of Trade May 17 were as follows: Timothy, \$5.50 to \$8.00 per 100 pounds.—Peter Hollenbach will celebrate his sixty-sixth birthday anniversary May 26. Chas. Hollenbach expects to start on a Pacific coast trip this week, returning in time for the seed trade convention in this city, June 20-22.

Narcissus Mother Bulbs Duty Free.

In Treasury Decisions No. 39598, protest 778435 of Maltus & Ware, New York, Narcissus Bulbs—Mother Flowering Bulbs, Narcissus bulbs classified at \$1 per thousand under paragraph 210, tariff act of 1913, are claimed free of duty as mature mother flowering bulbs under the proviso to paragraph 210.

It was found that the narcissus bulbs in question are mature mother flowering bulbs imported exclusively for propagating purposes. They were held free of duty under paragraph 210.

CALIFORNIA seed growers are apprehensive of the results from continued drought. "Onion", according to one correspondent, "is really the most promising crop just now and on land which carries moisture and did not flood last winter should make a fair crop, say 75 per cent of normal. Some fields look better than average and some way below it."

Plant Importations by Mail Prohibited.

The secretary of agriculture has advised the treasury department that the prohibition of the importation of plants by mail has been extended to include all growing or living plants, seeds and other plant products for propagation, except field, vegetable and flower seeds, and that the term "field seeds" includes only seeds of cereals, grasses and other annual farm crops and does not include bulbs and tubers.

California Frost Injury.

The frost in the San Juan and Watsonville sections, May 7, reported in THE AMERICAN FLORIST of last week, said to be the latest killing frost of that territory in the 40 years' record of the weather bureau, was followed by lighter frosts May 10, 11 and 12. Seed crops appear to have been damaged only in spots, but it is impossible at this time to estimate the amount of injury. Sweet peas and radish appear to have suffered most.

Shipping Documents Not Delayed.

In further explanation of the British orders in council issued May 6, 1916, in reference to the examination of shipping documents by the British censor and saving valuable time in transmission of these papers to American importers, the British embassy at Washington has sent out the further statement as follows:

"It will, however, not be practicable to carry out the arrangements contemplated unless the documents, whether bills of lading, consular invoices, or other similar papers, are forwarded unaccompanied by any other mail matter, in special bags labelled or marked 'shipping documents.' These bags shall be forwarded by the vessel carrying the cargo to which the documents in question relate."

CURTIS NYE SMITH.

French Crops and Conditions.

Jacques Courtine, representing Bremond Freres, Ollioules, L. Clause, Bretigny, and E. Turbat & Co., Orleans, who favored us with a call May 15, says general business conditions in France on account of the war are rather dull, due principally to lack of labor, all available Frenchmen having been called to the colors. The older men, women and children are unable to properly care for the seed, bulb and nursery crops and in the south the Italian workmen, who rendered mate-

rial assistance last year have returned to their own country for military service. On account of this labor shortage, a portion of the French bulb crop will remain in the ground unharvested. In general, says Mr. Courtine, while the prices are higher than those of last year, they are not prohibitive and every one concerned hopes for their return to normal with the early close of the war.

The prospective transportation facilities from France to the United States are fair. The Fabre line from Marseilles will have boats available for the bulb trade in July and August and the freight is said to be only about 50 per cent higher than the prices ruling before the war. From Havre and Bordeaux, although both these ports are much congested, it is easier to send goods to the United States than to receive them from other countries and the freight rates have not advanced to such an extent as the freights from the United States to Europe.

Lumber at present is high in France and for this reason the price of packing will be advanced about 50 per cent.

Dutch Bulbs For Food.

A brilliant suggestion which will at one and the same moment relieve a stricken Dutch industry and feed the German people is put forward by the Frankfurter Zeitung:

Holland supplies the world, and in particular the English gardens, with innumerable flower bulbs. As a consequence of the war, however, these articles of luxury are at present but little in demand, the result being that the market is flooded with unsalable wares. Why, then, should not these bulbs be utilized in the kitchen?

Our aesthetic sentiments may revolt against the idea of regarding these glorious blooms from a culinary standpoint—who would not shudder with a species of remorse at devouring the splendid golden lily?—but after a time those feelings would fade away into the consciousness that we had endowed the German people with a fresh means of sustenance and of bidding defiance to the vile machinations of our enemies.

The beauteous floral trophies would then come to be regarded merely as a new species of turnip or onion. The bulbs may be recommended as a most nutritious description of food; they are rich in glucose and dextrin. Mashed, an excellent soup may be prepared from them; they are also very appetizing when cooked with sugar and soy-bean milk.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

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Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

LILY BULBS**FALL DELIVERY**

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City**Contract Growers Of**Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn**Stokes Seed Farms Co., Inc**
Moorestown, New Jersey**THE C. HERBERT COY SEED CO.**

VALLEY, Douglas County, NEB.

**CONTRACT GROWERS OF
HIGH GRADE SEEDS**Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.**California Seed Crop.**

The California Seed Growers' Association issued the following report on crop conditions May 6:

Since our report, dated April 7, we have not had one drop of rain. During the planting months we had too much rain, much more than needed, during the spring months practically none. In March we had less than one-half of normal and during April we had no rain, whereas the normal rainfall for April is 1.41 inches. While there is considerable moisture in the ground the warm weather is fast reducing it and unless we have some good showers in May all crops, both annuals and biennials, will yield much less to the acre than if we had normal spring rains.

In order to overcome the effects of the dry condition of our beets, principally, we have started our pumps at the various growing stations and have irrigated all of our beet crops so as to insure a good crop of well filled seed. We have also irrigated some onion fields where the ground seemed to be drying out too fast and our general report is as follows:

Beet—Fields show marked improvement since they were irrigated and crop is quite promising.

Carrot—All planted on land where moisture can be held and fields look well.

Endive—Stand is poor owing to lack of rain after planting.

Lettuce—Looking very good at present time. Majority of acreage on land that holds moisture well.

Mustard—Looking good.

Parsley—Looking very good at present.

Parsnip—Small acreage remaining. Looking only fair.

Salsify—Very poor. Plants rotted badly.

Radish—Looking fair. Can not tell as yet whether crops will suffer from continued dryness.

Sweet Peas—Looking quite promising at present.

Onion—This crop is holding up very well. If no mildew attacks fields during May the stand will be very good on most all varieties.

Should we have a little rain during May all lettuce, radish and other annuals will be benefited. If we have no rain all these crops will be reduced in yield.

FRENCH BULBS

Buy them from a French firm who has a French agent.

BREMOND FRERES,**The Oldest and Most Renowned French Exporters,****OLLIOULES Var., FRANCE,**

Can supply you with the highest grade of bulbs at the most favorable market rate.

Their traveling agent, **JACQUES COURTINE**, is now in the States, quoting firm prices for next summer delivery.

Write him for an appointment,

Hotel La Fayette, University Place, New York City*Mention the American Florist when writing***SIMON LOUIS FRERES & CO.,****Bruyeres-le-Chatel (Seine et Oise), France.**

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds**Specialties**—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF—Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

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CORRESPONDENCE.Our traveling salesman, **MR. LAWRENCE S. PAYNE**, who has been calling on the American trade for many years past, will leave for his annual trip early in June.**HIGH TEST 1914 SEED CORN**

Yellow Dent	Hand Picked	Yellow Dent	Hand Picked
King of the Earliest.....	\$1.85	Reid's Early.....	\$1.60
Prize of the North.....	1.85	Funk's Early 90 Day.....	1.75

Samples and special prices for Commercial grade and carloads upon request.

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NEBRASKA.

**ONION SETS?
LEONARD SEED CO.**

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Contract Seed Growers**Specialties:** Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

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PEDRICKTOWN, N. J.**BARNARD'S**
Seed Store
231-235 W. Madison St.
CHICAGO.**BRUNNINGS****Large Growers and Shippers of
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Various Choice Mixed
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and ask for special prices.

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CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

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Ask for prices now, 1915 crop.

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Grown For The Wholesale Seed Trade.

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Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter

New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,
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Correspondence
Solicited.

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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

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Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

L. CLAUSE

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BRETIGNY - sur - ORGE (S. & O.)
near Paris, France,

Grower and exporter of

HIGH CLASS SEEDS

for the wholesale trade.

Just the grade of seed you need, if you sell
to market gardeners.

Will send over early in May next his travel-
ing salesman, Mr. Jacques Courtine, to call
on the American trade.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

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Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
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Grown from the finest large flowering strains.

	Doz.	100	1000
Single Sorts—White, Scarlet, Yellow, Pink...	\$0.50	\$3.00	\$25.00
Single Frilled	1.00	6.00	50.00
Single Butterfly	1.00	6.00	50.00
Single Mixed Colors .....	.40	2.50	20.00
Double Sorts—White Scarlet, Yellow, Pink...	.50	3.50	28.00
Double Frilled	1.00	7.00	65.00
Double Butterfly	1.00	7.00	55.00
Double Mixed Colors.....	.40	3.25	25.00

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GLADIOLUS

	Per 000
AMERICA, Extra, 2¼ to 3-in....	\$15 00
AUGUSTA, Extra, 2¼ to 3-in....	15 00
MRS. FRANCIS KING, 1½-in....	10 00
RINCEPS, 1½-in. and up.....	22 00
HYDE PARK, 1½-in. and up....	45 00
VAUGHAN'S XXX, Florist mixed	15 00

	Per 1000
AMERICA, 1½-in. and up.....	\$10.00
AUGUSTA, 1½-in. and up.....	10.00
CHICAGO WHITE, 1½-in. and up	25.00
MRS. FRANK PENDELTON, 1½-in. and up.....	85.00
PRIMULINUS SUNBEAM, 1½-in. and up...per 100, \$18.00	
Good, mixed.....	8.50

CALADIUMS	7-9 inch	Per 100	Per 1000
	9-11 inch.....	\$ 3.50	\$30.00
		6.00	55.00

	Per 100	Per 1000
12-inch and up.....	\$14.00	\$125.00

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

GLADIOLI

All First Size Bulbs.

	Per 1000
America	\$11.00
Augusta	12.00
Francis King, scarlet.....	10.50
Halley, sal pink.....	16.00
Independence, rose pink.....	11.00

TUBEROSES

	Per 1000
Double Pearl, 1st size.....	\$12.50
S. Armstrong, 1st size.....	13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

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Let us supply your wants in Fall Bulbs

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The Everett B. Clark Seed Co.

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Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho
MILFORD, CONN.

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MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

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Miscellaneous Stock For Florists

Asparagus Sprengerii, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Asparagus Plumosus, 2-in., \$3.00 per 100; \$25.00 per 1,000.
Azalea Mollis, bushy plants, full of buds, all colors mixed, 12 to 15 inches high, 35c each, \$4.00 per dozen; \$30.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00 per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00 per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.
Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.
Hardy Azaleas, best named, 18 to 24-in., full of buds, 50c each, \$5.00 per dozen, \$40.00 per 100.
Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Wonder.....	3.00	25.00
Alice.....	6.00	50.00	White Enchantress.....	\$3.00	\$25.00
Matchless.....	3.50	30.00	Rosette.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.60 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in....	2.60 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

AUBURN, ME.—A. Sherman & Sons,
extensive growers of cucumbers, let-
tuce and celery, will add a new house,
35x100 feet, this summer.

Prices of Indoor Fruits and Vegetables.

Chicago, May 16.—Mushrooms, home
grown, No. 1, 35 to 50 cents per car-
ton; lettuce, cases, 30 cents; radishes,
25 cents to 50 cents per doz. bunches;
celery, \$1.75 to \$2.00 per crate; to-
matoes, six baskets, \$2.00 to \$3.50; cu-
cumbers, per doz., 75 cents to \$1.00.

New York, May 16.—Celery, per 12-
inch crate, \$1.00 to \$1.75; cucumbers,
75 cents to 90 cents per dozen; mush-
rooms, 40 cents to \$1.75 per 4 pound
basket; tomatoes 10 cents to 20 cents
per pound; radishes, per 100 bunches,
\$2.00 to \$3.00; lettuce, per strap, \$1.50
to \$2.50; rhubarb, per dozen bunches,
25 to 35 cents.

Cauliflower.

For the average market gardener
there is probably no more unsatisfac-
tory crop to grow than cauliflower.
From start to finish, everything seems
to be against the crop. The seed is
high-priced; the seedlings are subject
to black root and damping off; the
plants are subject to the attack of the
radish maggot; the plant is very sen-
sitive to checks in growth, causing
the crop to button; weather conditions
at maturity have much to do with
success, and as the demand is limited,
if conditions are too favorable, the
market is easily over done. We have
used the crop as a greenhouse crop
recently, to avoid the market trouble
of the open air crop, and have been
very successful.

For indoor culture there is probably
no better variety than Ey Erfurt;
most of the Extra Earlies offered by
our seedsmen are nothing but Erfurt
stocks renamed. With all early cau-
liflowers, there is a constant danger of
heading up too soon, called buttoning;
this is caused by checks of some kind.
To avoid this, the crop must be pushed
from the start. One of the most fre-
quent causes is repeated transplanting.
They do not recover readily from two
shifts; therefore, it is best to either
sow the seeds very sparingly in plant
beds and avoid pricking out, or pot
up the seedlings as soon as the char-
acter leaf appears. The pot method
is the surest way to success, provided
the plants are set out in permanent
beds at the right time. If they are
allowed to remain in pots too long
they are worthless.

We have grown Ey Erfurt cau-
liflower on greenhouse benches in 5
inch soil spaced 12x16 inches with
excellent results. However, on such
benches they need much attention in
regard to watering and feeding. They

respond to frequent syringing in warm
weather and will stand high feeding
with manure and fertilizers both. We
have never found a better combination
than poultry droppings, and bone meal,
provided the droppings are saved and
dried indoors and protected from loss
by some absorbent material. Outdoors
the crop responds to mechanical water-
ing, in fact this is a necessity.

MARKETMAN.



Watch for our Trade Mark stamped
on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
postpaid by manufacturers upon re-
ceipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

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"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dörner & Sons Co., Lafayette,
Ind.

Mention the American Florist when writing

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine.....12.50 per 1000
Asparagus Plumosus.....25.00 per 1000
Petunia, 3 inch.....3.00 per 100
Salvia Zurich, 3 inch.....3.00 per 100
Buddleia Magnifica.....5.00 per 100
Buddleia Asiatica.....5.00 per 100

ALBERT M. HERF, LANCASTER, PA.

Mention the American Florist when writing

Landscape Gardening



A course for Garden-
ers, Florists and Home
makers, taught by
Prof. Beal of Cornell
University.

Progressive florists
recognize the growing
importance of a knowl-
edge of landscape art.

We also offer a prac-
tical course in Flori-
culture, including Greenhouse Con-
struction and Management.

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The Home Correspondence School
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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas,
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carna-
tions, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas,
Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect
and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage
paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds,
and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Begonia Mrs. J. A. Peterson

2¼-in. pots, \$25.00 per 100; \$200.00 per 1000.

Begonia Cinninati

2¼-in. pots, \$15.00 per 100; \$140.00 per 1000.

Begonia Lorraine

2¼-in. pots, \$12.00 per 100; \$110.00 per 1000.

CYCLAMENS

Separate colors; finest strain; extra strong.

3-in. pots, \$8.00 per 100; \$70.00 per 1000.

JULIUS ROEHRS CO.,

Rutherford, N. J.

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5 1/2 ft., heavy.....	5 to 5 1/2 ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5 1/2 to 6 ft., heavy.....	5 1/2 to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2 1/2-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....	6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	42 to 45.....	40.....	4.00	48.00
9-in. cedar tub.....	45 to 48.....	50.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

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We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeckena, Empress of India, etc., etc.

We make a special offer, as follows:

Diam. Per 100	Diam. Per 100
Plants 10-12 in...\$12 00	Plants 16-18 in. \$ 40.00
" 12-14 in... 15.00	" 18-20 in... 60.00
" 14-16 in... 20.00	" 20-22 in... 80.00
" 15-17 in... 30.00	" 22-25 in... 100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

COTTAGE MAID

A Sport of

MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in .....doz., \$1.00; 100, \$8.00		

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3 in.
	100	1000	100	1000
Ageratum, 6 varieties.....	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera, 6 varieties.....	2.00	18.50	3.00	25.00
Alyssum, dwarf and giant.....	2.00	18.50	3.00	25.00
Begonia Luminosa.....	3.00	25.00	4.00	30.00
" Vernon.....	2.00	18.50	3.00	25.00
Cannas, standard varieties.....			3.00	25.00
Coleus, 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea, Platycentra.....	2.00	18.50	3.00	25.00
Fuchsias, (in varieties).....	2.00	18.50	3.00	25.00
Heliotrope, Mme. Bruant.....	2.00	18.50	3.00	25.00
and Chieftain.....	2.00	18.50	3.00	25.00
Lemon Verbenas, 6 var.....	2.00	18.50	3.00	25.00
Moonvines.....	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.50	3.00	25.00
Senecio Argenteus (Dusty Miller).....	2.00	18.50	3.00	25.00
Swainsona, white.....	2.00	18.50	3.00	25.00

Cash with the order.

R. Vincent Jr. & Sons Co.
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Cycas Stems

NEW STOCK
ALL SIZES

Prices: 100 LBS @ 8¢
500 LBS @ 7¢

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BEGONIA **BEGONIA**
Luminosa Erfordii
SEEDLINGS

\$5.00 per 1000 Cash with order

PETER WENK
OZONE PARK, N. Y.

CHRYSANTHEMUMS

Now Ready

Artista, Yellow Turner.	Each	Per 10	Per 100
Plants Only	\$1.00	\$ 7.50	\$66.66
Josephine Foley.	Each	Per 10	Per 100
Plants Only	\$0.50	\$ 4.00	\$30.00
Mrs. R. C. Pulling.	Per 10	Per 100	Per 1000
Plants Only	\$2.50	\$20.00	\$200.00
Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$1.50	\$10.00	\$90.00
Rooted Cuttings	7.00	60.00	
Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.75	\$ 5.00	\$45.00
Rooted Cuttings	4.00	30.00	
White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$30.00
Rooted Cuttings	3.00	25.00	
Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Citronelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$35.00
Rooted Cuttings	3.00	25.00	
Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Helen Frick, Ivory, Jeannette, Nonin, Mile, Arlette Dubois, Mrs. B. E. Hayward, Mrs. H. Robinson, Patti, Pink Ivory, Ramapo, White Helen Frick, Yellow Ivory.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	2.50	20.00	
Col. D. Appleton, Chrysolora, Clementine Touse, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonaffon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonaffon.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	2.00	17.50	
Complete list of Pompons, Anemones and Singles. Prices on application.			
Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.			
Not less than 25 of a variety sold as rooted cuttings.			
Reference or cash from unknown correspondents.			
These prices are to those in the trade only.			

Elmer D. Smith & Co., ADRIAN, MICH.

ALTERNANTHERAS

	Per 100
Red and yellow, 2 1/4 in	\$2.00
Cannas, well started 3 in	3.00
Geraniums, S. A. Nutt, 2 1/4 in. 3.00 3 in.....	5.00
Asparagus Plumosus, 2 1/4 in.....	2.00
Asparagus Sprengeri, 3 in.....	4.00
Coleus, 10 varieties good stock	2.00
Giant flowering Pansies, \$1.50 per 1000. Fall transplant.....	.75
Choice mixed Verbenas, 2 1/4 in.....	2.00
Petunias, May 10th, 2 1/4 in.....	2.00
Salvias, good stock, 3 in.....	4.00
—Cash—	

JOS. H. CUNNINGHAM, De'aware, Ohio

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

CHATTANOOGA, TENN.—The Lookout Nursery has filed application for a charter; capital stock, \$10,000.

Shrubs Sold Without Certificate—Fine \$25.

Because Oscar Metz, a florist at 5525 Harper avenue, Chicago, sold some shrubs without giving the purchaser a certificate from the state entomologist certifying that the shrubs were free from plant disease, he was fined \$25 by Judge Flanagan May 12. It happened that Metz sold the shrubs to the wife of Charles B. Dull, an inspector for the state entomologist.

American Peony Society.

We have received from A. P. Saunders, Clinton, N. Y., secretary of the American Peony Society, preliminary premium list of the annual exhibition to be held in conjunction with the Horticultural Society of New York at the American Museum of Natural History, New York, June 9-11.

This list is unofficial, and is issued only in order that possible exhibitors may have it early in their hands. The official premium list, containing fuller information as to the exhibition, will appear later, and should be obtained by all intending exhibitors from Geo. V. Nash, Secretary of the Horticultural Society of New York, Bronx Park, New York.

Hybrid Forsythias at Arnold Arboretum.

By the path in the rear of the group of forsythias on the slope at the foot of the Bussey Hill road are several specimens of forms of the hybrid between *Forsythia suspensa* and *F. viridissima*. The general name of these hybrids is *F. intermedia*, and there are several distinct forms. The plants are in a sheltered position and their flower-buds have not been injured. The handsomest of them is *F. intermedia spectabilis*, and of all the forsythias which have been grown in the arboretum this is perhaps the most beautiful. The flowers are larger than those of either of its parents, deep bright yellow, and are produced this year in countless numbers, completely covering the wide-spreading branches. This plant was probably raised in Germany as it was sent to the arboretum from the Spath Nursery in Berlin. Other distinct and handsome forms of this hybrid are var. *primulina* and var. *pallida*; the former has pale primrose-colored flowers and appeared as a seedling in the arboretum a few years ago. The var. *pallida* has pale straw-colored flowers which are of a lighter color than those of other forsythias. This plant also first came to the arboretum from Germany. These hybrids are beautiful garden plants, handsomer and perhaps hardier than either of their parents, and they are interesting as showing what may be expected from crossing different spe-

cies of other trees and shrubs. A good deal has already been done in hybridizing roses and rhododendrons. New races of lilacs, spiræas and Philadelphus produced by the skill of the hybridizer already beautify our gardens, but this business is only in its infancy and greater results may be expected from it than have ever yet been obtained.—Arnold Arboretum Bulletin, May 9, 1916.

Providence, R. I.

SATISFACTORY MOTHERS' DAY TRADE.

Mothers' day trade in this city this year was splendid, all stock being in good demand, with an especially heavy call for white carnations as usual on this occasion. Other colors sold remarkably well, however, and the demand for sweet peas was brisk. Most of the white carnations came from the Boston markets. They were of good size and the quality was excellent. There were no special window displays as in former years.

NOTES.

Robert Kift, of Philadelphia, representative of THE AMERICAN FLORIST, was a visitor over Sunday, May 14. He called on most of the trade and left for New York that evening.

The Rhode Island Horticultural Society will have as a feature of its meeting this week a lecture on "Cultivation of Dahlias."

Olney Williams had a very heavy cut of carnations, principally Enchantress, for Mothers' day. H. A. T.

New London Horticultural Society.

The monthly meeting of the New London Horticultural Society was held May 11, the feature of the evening being an illustrated lecture on "Brown Tail and Gypsy Moths" by Professor Davis of the Connecticut experiment station. He told in a very interesting way of the work being done by the state in the control of these pests and both the lecturer and his assistant were given a hearty vote of thanks. H. E. L.

PEONIES and IRIS

Write for list.

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Stock Exchange Building, CHICAGO

JAPANESE TEA GARDEN

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T. R. Otsuka, 300 S. Michigan Ave. CHICAGO.

For the Best New and Standard

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Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

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ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

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Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

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Don't Place Your Order for Printing CATALOGS or CATALOG COVERS Until You Get Our Prices

WE FURNISH "NEAREST-TO-NATURE" COLOR PLATES
WE ALSO ILLUSTRATE YOUR CATALOG FREE

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Gillies Litho. & Printing Co., Rochester, N. Y.

R. E. FELLOWS, MGR. (MEMBER AMERICAN ASSOCIATION OF NURSERYMEN)

MISCELLANEOUS PLANTS

	Per 100
Hardy English Ivy, 2 and 3 plants to 3-inch pot	\$ 5 00
New Clematis Paniculata, 2½ and 3 in. pot.	4.50
American Beauty Geraniums, 4-in. pots, in bloom extra fine and well-shaped plants	12.00
Asparagus Plumosus, 3-in. pots, ext. strong	5.00
Variegated English Ivy, white and green, 2½-inch	5.00
French Marigolds, 3 in.	3.00
Scarlet Sage, 3-in	3.00
Very Dwarf Alyssum, 3-in	3.00
seedlings, extra fine.	
fit for 2½-in. pots.	1.00
Lobelia, 3-in. pots	3.00
Nasturtium, 2½ in. pots	2.50
Asparagus Sprengerii, 4-in. pots	8.00
Dracaena Indivisa, 3 in. pots	5.00

Cash with order please.

SAMUEL V. SMITH,
3323 Goodman St., Philadelphia, Pa.
(Near 11th and Westmoreland Sts.)

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
New York

Spring
List **ROSES**

THE **LEEDLE** FLORAL COMPANY
SPRINGFIELD-OHIO.

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Ipomoea Noctiflora
(MOONVINES)

2½-in. pots. \$5.00 per 100
3-in. pots. 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Robert Craig Co...High - **PALMS**
Class

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

ROSES Field-grown,
2-year dormant

Per 100, \$12.00 While Unsold

Hybrid Perennials

Betty
Anna de Diesbach
Blanche Moreau
Baroness Rothschild
Magna Charta

Climbing

Baby Rambler
Baltimore Belle
Crimson Rambler
Excelsa
Flower of Fairfield
Hiawatha
Queen of Prairie
Dorothy Perkins

Hybrid Teas

Ulrich Brunner
Caroline Testout
Pink Killarney
White Killarney
Lady Alice Stanley

Polyanthus

Phyllis
Ellen Poulsen
Erna Teschendorff
Jessie
Mad. Jules Gouchault

Miscellaneous Roses

Hermosa
Mad. Geo. Bruant
Persian Yellow
Rugosa White
Rugosa Red
White Moss

1000 Hoosier Beauty, grafted stock, 2½-inch, for \$100

VAUGHAN'S SEED STORE. CHICAGO
NEW YORK**500,000 PANSIES**

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

1300 VINCA VARIEGATA

Out of 4 inch pots, \$12.50 per 100.

GERANIUMS, out of 3½ inch.....\$7.00 per 100

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

Mention the American Florist when writing

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

**FERNS
IN FLATS**In Best Varieties
for Fern Distes.**\$1.50 per 100****100,000 READY NOW**

Write for Wholesale Catalogue of

FERNS, KENTIAS, ETC., to**H. PLATH**

"THE FERNERIES"

Lawrence and Winnipeg Avenues
SAN FRANCISCO, CALIF.

BELLE WASHBURN

Plants in 2½-inch Pots Ready for Bench or Field

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The Best Red Carnation. Young plants in 2½-in. pots,
\$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

BASSETT & WASHBURN, OFFICE AND STORE,
178 N. Wabash Ave., Chicago, Ill.
GREENHOUSES, HINSDALE, ILLINOIS.

Flowering, Decorative and Vegetable Plants By the Thousands

Liberal extras for early orders.		Per 100	Per 1000
Size Pots.			
2¼-in.	Abutilon Savitzii, or 8 vars. mixed	\$2.25	\$20.00
2¼-in.	Ageratum, white, light and dark blue	2.25	20.00
2¼-in.	Alyssum, Large Giant and Little Gem	2.00	18.00
2¼-in.	Asparagus, Plumosus and Hatcheri	3.00	25.00
4 -in.	Asparagus, Plumosus and Hatcheri	7.50	70.00
2¼-in.	Asparagus Sprengeri, large plants	2.50	22.50
4 -in.	Asparagus Sprengeri, large plants	6.50	60.00
3½-in.	Begonia, Flowering, 8 lead- ing varieties	10.00	90.00
3 and 3½-in.	Canna King Humbert. 5.00	45.00	
3 and 3½-in.	Cannas, Brandywine, Crimson Bedder, Crozy, 20 varieties	4.50	40.00
2½-in.	Centaurea, dusty miller. 2.25	20.00	
2½-in.	Coleus, Golden Bedder, Ver- schaffeltii and 15 varieties, mixed	2.50	22.50
2¼-in.	Cupheas, cigar plant. 2.25	20.00	
4 -in.	Dracaena Indivisa	12.50	
5 -in.	Dracaena Indivisa	20.00	
6 -in.	Dracaena Indivisa	25.00	
2¼-in.	Fuchsias, double and single, 12 varieties	2.75	25.00
4 -in.	Fuchsias, double and single, 12 varieties	7.50	70.00
	Funkia Variegata clumps. 5.00	45.00	
2¼-in.	Geraniums, Nutt. Ricard, Poitevine, Buchner, etc. 2.25	20.00	
3½ and 4-in.	Geraniums, Nutt. Ricard, Poitevine, Buchner, etc. 7.00	65.00	
2¼-in.	Heliotropes, white, light and dark blue	2.75	25.00
4 -in.	Heliotropes, white, light and dark blue	7.50	70.00
2¼-in.	Marguerites, white, yellow and Mrs. Sander	2.50	22.50
2¼-in.	Petunias, single mixed va- rieties	2.50	22.50
3½-in.	Petunias, double, 15 varieties mixed	6.50	60.00
	Rudbeckia Golden Glow. 3.00	25.00	
2½-in.	Salvia, Bonfire and Splen- dens	2.50	22.50
3 -in.	Salvia, Bonfire and Splen- dens	5.00	45.00
2½-in.	Verbenas, very choice, mixed or separate colors, in bud. 2.25	20.00	
2¼-in.	Vincas, variegated and green, fine stock	3.50	30.00
4 -in.	Vincas, variegated and green, fine stock	7.00	65.00
GOLDEN LEAVED PRIVET, ovalifolium			
aureum, 6-in. pots, 18 to 24 in. high, very bushy, 35c each; 4-in. pots, bushy plants, 15c each; young plants for potting, \$6.00 per 100. Ex- cellent stock for filling urns and porch boxes.			
VEGETABLE PLANTS BY THE MILLION.			
Lettuce Plants, Big Boston and Grand Rapids, \$1.50 per 100.			
Cabbage Plants, Early Winningstadt, Wake- field, Henderson's Early Summer, etc., \$2.50 per 1000.			
Cauliflower Plants, Early Paris and Snowball \$5.00 per 1000.			
Tomato Plants, Earliana, Jewel, June Pink, Perfection Stone, Dwarf Champion, Acme, etc., \$2.25 per 1,000.			
Peppers, Egg Plants, Sweet Potatoes, etc. Correspondence Solicited.			

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing

BEGONIAS

We make a specialty of begonias; you will like our stock; prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Chatelaine, 2½-in.	\$ 5.00	\$ 45.00	Xmas Red, 2½-in.	\$ 6.00	\$ 50.00
Chatelaine, 3-in.	8.00	70.00	Xmas Red, 3-in.	8.00	70.00
Chatelaine, 4-in.	12.00	100.00	Xmas Red, 4-in.	10.00	90.00
Luminosa, 2½-in.	2.50	20.00	Vernon, 2½-in.	6.00	50.00
Luminosa, 3-in.	4.50	40.00	Vernon, 3-in.	8.00	70.00
Luminosa, 4-in.	6.00	50.00	Vernon 4-in.	10.00	90.00
Prima Donna 2½-in.	2.50	20.00	Lorraine, 2½-in.	12.00	100.00
Prima Donna, 3-in.	4.50	40.00	Cincinnati, 2½-in.	15.00	100.00
Prima Donna, 4-in.	6.00	50.00			

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2½ inch.....\$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom.....4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties.....4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants2½ inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2½ inch.....\$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch.....\$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keep-
ing with the splendid cut stock that won so many
first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3.00	25.00
Milady.....	4.00	35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Ophelia.....	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

ALTERNANTHERAS. 3 best colors out of hotbeds, extra nice, 2-in., \$17.00; out of ground, from beds, \$15.00. Orders booked or shipped at once. R. P. BOHLANDER, R. F. D. No. 1, Melrose Park, Ill.

ALTERNANTHERAS, red and green strong 2-in., \$1.50. MENARD'S, 5212 Danneel St., New Orleans, La.

ALYSSUM.

ALYSSUM. Little Gem, thumb pots, 1½c. Cash. R. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum, very dwarf, 3-in., \$3 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 3-in. pots, extra strong, \$5 per 100. Asparagus Sprengeri, 4-in. pots, \$8 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

ASPARAGUS SPRENGERI, 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

AZALEAS.

Azalea Mollis, bushy plants, full of buds, all colors, mixed, 12 to 15-in. high, 35c each; \$4 per doz.; \$30 per 100. The Storrs & Harrison Co., Painesville, O.

AZALEAS. Van der Cruyssen, J. Llewellyn. Niobe, Mrs. J. Vervane, 65c, 85c, \$1.10 and \$2.50 each. ERNEST ROBER, WILMETTE, ILL.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

	Per 100
Xmas Red, 2½-in.	\$ 6.00
Xmas Red, 3-in.	10.00
Erfordii, 2½-in.	3.00
Erfordii, 3-in.	6.00
Prima Donna, 2½-in.	3.00
Smithii, 2½-in.	3.00
Chatelaine, 2½-in.	3.50
ERNEST ROBER, Wilmette, Ill.	

BEGONIAS.

Begonias. We make a specialty of them.

	100	1,000
Chatelaine, 2½-in.....	\$ 5.00	\$ 45.00
Chatelaine, 3-in.....	8.00	70.00
Chatelaine, 4-in.....	12.00	100.00
Luminosa, 2½-in.....	2.50	20.00
Luminosa, 3-in.....	4.50	40.00
Luminosa, 4-in.....	6.00	50.00
Prima Donna, 2½-in.....	2.50	20.00
Prima Donna, 3-in.....	4.50	40.00
Prima Donna, 4-in.....	6.00	50.00
Xmas Red, 2½-in.....	6.00	50.00
Xmas Red, 3-in.....	8.00	70.00
Xmas Red, 4-in.....	10.00	90.00
Vernon, 2½-in.....	6.00	50.00
Vernon, 3-in.....	8.00	70.00
Vernon, 4-in.....	10.00	90.00
Lorraine, 2½-in.....	12.00	100.00
Cincinnati, 2½-in.....	15.00	100.00
Pyfer & Olsem,	Wilmette, Ill.	

Begonias from the "Florist of Buffalo" are the strong, sturdy kind. Anderson service back of every order: Lorraine, 2½-in., \$13.00 per 100 or \$125.00 per 1,000. Cincinnati, 2½-in., \$15.00 per 100 or \$140.00 per 1,000. Delivery May, June or July. S. A. ANDERSON, Buffalo, N. Y.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00
JULIUS ROEHR'S CO., Rutherford, N. J.	

Begonias. Gloire de Chatelaine and Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement elsewhere in this issue. Pyfer & Olsem, Wilmette, Ill.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC.

Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. Well shaped plants. For sizes and prices, see advertisement elsewhere in this issue. A. Henderson & Co., 211 No. State St., Chicago.

BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladiums, 3½-in., \$7 per 100. The George Wittbold Co., 739 Buckingham Pl., Chicago.

CANNAS.

Canna. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS.,

162 N. Wabash Ave., Chicago.

CARNATIONS.

Laura Weber, color grand deep salmon pink, large blooms, strong stems, excellent keeper and shipper, \$12 per 100; \$100 per 1,000. Growers! We have been selling carnation Laura Weber for several years. It is a high-class variety and always sells for above top market price. Won bronze medal at St. Louis carnation convention, 1916. You will make no mistake in trying at least a few hundreds next season. GUTTMAN & RAYNOR, INC., 101 W. 28th Street, New York.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterburg, 158 North Wabash avenue, Chicago.

Carnations, Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

Carnations, New Crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CAPE JASMINES.

This issue, Alvin Cape Jasmine and Floral sizes and prices see advertisement elsewhere in this issue. Alvin Cape Jessamine and Floral Co., Alvin, Texas.

Cape Jasmynes, grandiflora. For prices, see advertisement elsewhere in this issue. Thos. C. Edwards, Alvin, Tex.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100	Per 1,000
Salomon Gold, yellow.....	\$2.00	\$18.00
Ramapo, yellow.....	2.00	18.00
Col. D. Appleton, yellow.....	2.00	18.00
Bonnafton, yellow.....	2.00	18.00
Chas. Razer, white.....	2.00	18.00
White Bonnafton, white.....	2.00	18.00
Dr. Enguehard, pink.....	2.00	18.00
Chrysolora, yellow.....	2.00	18.00
Halliday, yellow.....	2.00	18.00
Intensity, red.....	2.00	18.00
Lynwood Hall, white.....	2.00	18.00
Chieftain, pink.....	2.00	18.00
Alice Salomon, white.....	2.00	18.00
E. A. Seidewitz, pink.....	2.00	18.00
Clem. Touset, white.....	2.00	18.00
Bronze Touset, bronze.....	2.00	18.00
Early Touset, white.....	2.00	18.00
White Chieftain, white.....	2.00	18.00
Roman Gold, (yellow).....	2.00	18.00
Smith's Ideal, (white).....	2.00	18.00
Golden Queen, yellow.....	2.00	18.00
Buckbee, white.....	2.00	18.00
Nagoya.....	2.00	18.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100	Per 1,000
Lulu, white.....	\$2.00	\$18.00
Baby, yellow.....	2.00	18.00
Overbrook, yellow.....	2.00	18.00
Mrs. Astor, yellow.....	2.00	18.00
Sabey, yellow.....	2.00	18.00
Cubit, tan.....	2.00	18.00
E. D. Godfrey, pink.....	2.00	18.00
Croesus, bronze.....	2.00	18.00
Tiber, brown and red.....	2.00	18.00
Mensa, white.....	2.00	18.00
Quinola, yellow.....	2.00	18.00
Pretoria, yellow.....	2.00	18.00
Zenobia, yellow.....	2.00	18.00
Mary Richardson, terra cotta.....	2.00	18.00
Aglol, variegated.....	2.00	18.00
H. Hicks, brown.....	2.00	18.00
Klondyke, yellow.....	2.00	18.00
Mrs. F. Beu, bronze.....	2.00	18.00
Sylvia, red.....	2.00	18.00
Sydania, yellow.....	2.00	18.00
Miss Julia, yellow.....	2.00	18.00
Lillia.....	2.00	18.00
Mrs. Buckingham, pink.....	2.00	18.00
Souv. Melannia, pink.....	2.00	18.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50¢ each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 161 W. 28th St., New York.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Lynwood Hall.....	2.00	15.00
YELLOW		
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	60.00
Bonnafton.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	60.00

PINK		
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	60.00
CRIMSON		
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	50.00
J. D. THOMPSON CARNATION CO.,		
Joliet.....		Illinois.

CHRYSANTHEMUMS.

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Pochlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost. Rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

CINERARIAS.

CINERARIAS, Dusty Miller. Thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

COLEUS.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS. Red Verschaffeltii. Golden Bedder and others. 2½-in. strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

CYCLAMEN. Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 2, 2½ and 2½-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 2, 2½ and 2½-in. pots.....	\$10.00
Rose of Wandsbek, bright salmon, 2, 2½ and 2½-in. pots.....	12.00
Schoene Dresdenin, soft salmon rose, 2, 2½ and 2½-in. pots.....	12.00
Pearl of Zehlendorf, bright salmon rose, 2, 2½ and 2½-in. pots.....	13.00
Gloxy of Wandsbek, bright rose, 2, 2½ and 2½-in. pots.....	15.00
An assortment of the above nine varieties at \$11.00 per 100. Can be shipped from now on.	

ANTON SCHULTHEIS, 316 Nineteenth St., College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y. Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

FERNS.

HARDY FERNS	100	10	Ea.
Adiantum pedatum, maidenhair.....	\$6.00	\$0.70	\$0.10
Aspidium spin., wood fern.....	6.00	.70	.10
Aspidium cristatum, ever'n f.....	6.00	.70	.10
Aspidium Goldianum, Goldie's f.....	7.00	.80	.10
Asplenium fel. foem, lady f.....	6.00	.70	.10
Aspl. Thelypt, silver spleen-worth.....	6.00	.70	.10
Dryopteris Thelypt, shield fern.....	5.00	.60	.10
Onoclea sensibilis.....	4.00	.50	.10
Onoclea Struthiopteris, ostrich f.....	8.00	.90	.10
Osmunda cinnamom.....	7.00	.80	.10
100 ferns, your selection, billed 100 rate.			
Ludwig Mosbek, Ferndale, Askov, Minn.			

QUALITY FERNS.

Boston, Roosevelt, Springfield, 3-in., \$5.50; 4-in., \$7.50; Whitmani, 3-in., \$5.50. Good stock plants. Samples, 25c. Cash with order. BERNO FLORAL CO., Orlando, Fla.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

FERNS, Boston, 4-in., \$14.00 per 100; Scotti, 4-in., \$12.50 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Ferns. Extra long new dagger ferns. Special prices in case lots. The Leo Neissen Co., Philadelphia, Pa.

GARDENIAS.

Gardenias. Choice buds from strong vigorous plants. Class A, \$1.50 per 100; \$13 per 1,000. Class B, \$1 per 100; \$8.50 per 1,000. Yard & Yard, Alvin, Texas.

GERANIUMS.

ROOTED GERANIUM CUTTINGS.

	100	1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Poitevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO., Springfield, Illinois.

10,000 geraniums, S. A. Nutt, large 4-in. stock, \$8.00 per 100.

J. A. BUDLONG, 184 N. Wabash Ave., Chicago, Ill.

GERANIUMS. Fine stock plants, bud and bloom. S. A. Nutt, Ricard, Jean Viaud, White Buchner, 4-in., 8c; 3½-in., 7c. Fine stock. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. 10,000 S. A. Nutt, 2-in. pots, \$25.00 per 1,000. Ready now. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 North Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

New American Beauty geraniums, 4-in. pots, in bloom, \$12 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alouzo J. Bryan, Washington, N. J.

GERANIUM SALEROI, 2-in., extra nice, \$17.00 per 1,000. R. P. BOHLANDER, Melrose Park, Ill.

Geraniums. Best four varieties in bud and bloom, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

Geraniums, out of 3½-in. pots, \$7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLI.

Gladiolus, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington ave., St. Louis, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GLADIOLI.

Gladioli. First size bulbs. America, pink and Francis King, scarlet, \$1.25 per 100; \$10 per 1,000. Augusta, white, \$1.45 per 100; \$12 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS.**HARDY PLANTS—FIELD GROWN.**

Pyrethrum, yellow; Achillea, The Perle; Helianthus Maximilian; Coreopsis lanceolata; Germ. Iris, light blue and bronze; Veronica longifolia, 3c. Monarda didima, Golden Glow; Boltonia Asteroides, 2c. Buddleia variabilis, 2½-in., 5c. Ampelopsis Englemanni, 3-year, 5c. Cash. Boxer free. A. KLOKNER, Wauwatosa, Wis.

HARDY PERENNIALS—Aquilegias, campanulas, calliopsis, digitalis, Glaucium luteum, hollyhocks, white and yellow; sweet williams, Shasta daisies. All 3-in. pot plants, wintered in cold frame; \$6 per 100. I. N. KRAMER & SON, Cedar Rapids, Iowa.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEAS.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

Hardy English Ivy, 2 and 3 plants to 3-in. pot, \$5 per 100. Samuel V. Smith, 3323 Goodman St., Philadelphia, Pa.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.**From Storage.**

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Japan lilies, retarded bulbs from cold storage. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington Co., Inc., 128 Chambers St., N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

LOBELIAS.

LORBELLIA, Crystal Palace, 3-in., fine, \$4.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

MIMULUS.

MIMULUS, 4-in., at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, fuchsias, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties, parlor ivy, senecio (dusty miller), alyssum, coleus, Salvia, Bonfire and Zurich, Cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ONION SETS.

Onion Sets. Leonard Seed Co., 226-230 West Kinzie St., Chicago, Ill.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wycote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$3 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

PANSIES.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

PANDANUS VEITCHI, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELAGONUM.

PELAGONIUMS. 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

PETUNIAS. Single fringed, fine, heavy; \$3.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Petunias. Best fringed French varieties, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunias, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

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RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**CLEARANCE SALE OF ROSES.**

All from 2½-inch Pots. Good Clean Stock.

Bride	100
Bridesmaid	\$2.50
Francis Scott Key	5.00
Gruss an Teplitz	2.75
Hoosier Beauty	5.00
Jonkheer J. L. Mock	4.00
Kaiserin A. Victoria	3.00
Killarney	3.50
White Killarney	4.00
Lady Hillingdon	3.00
Mrs. Aaron Ward	4.00
Madison	3.00
My Maryland	4.00
Opheila	5.00
Pink Cochet	2.75
White Cochet	2.75
Richmond	3.50
Red Baby Rambler	3.00
Radiance	3.50
Rhea Reid	3.50
Sunburst	4.00
Wm. R. Smith	3.00

Write for prices and any varieties not named here.

Our catalogue of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.

The Largest Rose Growers in the World. Springfield, Ohio.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in.	2½-in. Grafted. Own Rt.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney		\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Richmond	100.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00

POEHLMANN BROS. CO., ILLINOIS.

FINE 2½-INCH ROSE PLANTS.

Killarney Brilliant	100	\$1.00
Killarney	4.00	\$35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081. 162 N. Wabash Ave., Chicago.

ROSES—DORMANT STOCK.

Baby Rambler	Doz. Per 100	\$2.00 \$15.00
Ellen Paulsen	2.50	18.00
Erna Tschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Souper	2.00	15.00
Flower of Fairfield	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

ROSES.

Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form, strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Roses, 2½-in., Killarney, Milady, White Killarney, My Maryland, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000; Opheila, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses.—Field-grown, 2-year dormant, \$12 per 100. For varieties, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SALVIAS.

SALVIA. Bonfire and Splendens, extra fine, heavy, 3-in., \$4.00 per 100; 4-in., extra fine, \$6.00 per 100. **THE WAGNER PARK NURSERY CO.,** Sidney, Ohio.

SALVIAS. Same as last year. Thumb pots, \$1.50 per 100. Cash, please. **B. C. BLAKE,** R. D. No. 4, Springfield, Ohio.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. **Alonzo J. Bryan,** Washington, N. J.

SALVIA BONFIRE. Good plants, 2½-in., 2½-c. Cash with order. **GUS SCHLEGEL,** Olney, Ill.

Salvia, Zurich, 3-in., \$3 per 100. **Albert M. Herr,** Lancaster, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. **Asparagus Lutzii** seed \$1.25 per 100; \$10.00 per 1,000. **Asparagus Hatcherii** seed, 60c per 100; \$4.50 per 1,000. **Asparagus Elongatus** seed, \$2.00 per 100; \$15.00 per 1,000. **I. N. KRAMER & SON,** Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. **Sioux City Seed & Nursery Co.,** Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. **Stokes Seed Farms Co., Inc.,** Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. **Edgar F. Hurff,** Swedesboro, N. J.

SEEDS, BEGONIA—Luminosa, trade package, 50 each. **Prima Donna,** trade package, 50c each; 1-32 oz., \$4. Cash, please. **ERNEST ROBER,** Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. **J. C. Robinson Seed Co.,** Waterloo, Neb.

Seeds, sweet peas, *Spencers, grandiflora*, etc. Asters and flower seeds in general. Tomato, lima and pole beans. **John Bodger & Sons Co.,** Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. **The C. Herbert Coy Seed Co.,** Valley, Neb.

Seed. For varieties, see advertisement elsewhere in this issue. **Simon Louis Freres & Co.,** Bruyeres-le-Chatel, (Seine & Oise) France.

Seeds. High class, for the wholesale trade. Grown and exported by **L. Clause, Bretigny-sur-Orge, (S. & O.),** near Paris, France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. **R. & M. GODINEAU,** Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. **S. M. Isbell & Co.,** Jackson, Mich.

Seeds, large growers and shippers of beans, peas and onion seed. **Brunnings, Box 857, Melbourne, Australia.**

Seeds, wholesale field and garden seeds. **J. Boigiano & Sons, Light, Pratt and Ellicott Sts.,** Baltimore, Md.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. **Western Seed and Irrigation Co.,** Fremont, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. **The Everett B. Clark Seed Co.,** Milford, Conn.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. **H. Wrede, Luneburg, Germany.**

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. **HENRY SMITH,** Grand Rapids, Mich.

SNAPDRAGONS.

SNAPDRAGONS, 2-in. pots, pink, red, yellow, white and Ramsburg Silver Pink, 3c each. Cash please. **B. C. Blake, R. D. 4, Springfield, O.**

SWEET PEAS.

Winter Orchid Flowering Sweet Pea. New list will be ready in June; write for it. **Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.**

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50.**

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By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

American Florist Co., 440 S. Dearborn St., Chicago

TUBEROSES.

Tuberose, Double Pearl, \$12.50 per 1,000; **S. Armstrong,** \$13 per 1,000. **St. Louis Seed Co.,** 411-413 Washington Ave., St. Louis, Mo.

VEGETABLE PLANTS.

SWEET POTATO PLANTS, 3,000,000, Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancymond, Vineland Improved, at \$1.00 per 1,000. **C. E. BROWN,** Bridgeville, Del.

Vegetable plants, cabbage and lettuce, \$1 per 1,000; 10,000 and over, 85c per 1,000. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

CELERY PLANTS. Golden self-blanching, (French strain), fine plants, ready for the field, \$2.00 per 1,000. Cash. Special prices on large lots. **Brill Celery Gardens, Kalamazoo, Mich.**

VERBENAS.

VERBENA. Good plants, 2½-in., in separate or mixed colors, 2c. Cash with order. **GUS SCHLEGEL,** Olney, Ill.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. **I. N. KRAMER & SON,** Cedar Rapids, Ia.

VINCA VAR., 2½-in., \$3 per 100; 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. **HARRY HEINL,** West Toledo, O.

Vinca Var., out of 4-in. pots, \$12.50 per 100. **Leonard Cousins, Jr.,** Concord Junction, Mass.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. **Elmer Rawlings, Allegany, N. Y.**

VINCA VARIEGATA, 3-inch, 5c; nice stock. **C. L. Van Meter,** Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. **Jackson & Perkins Co.,** Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. **Igoe Bros.,** 61-73 Metropolitan Ave., Brooklyn, N. Y.

Flowering, decorative and vegetable plants. For varieties and prices, see advertisement elsewhere in this issue. **Alonzo J. Bryan,** Washington, N. J.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. **Detroit Stand Co.,** 842 Grandy Ave., Detroit, Mich.

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Connecticut Horticultural Society.

The meeting of this society turned out to be a first-class exhibition of spring flowers. John F. Huss, superintendent for Mrs. James J. Goodwin, exhibited six hydrangeas, the plants showing fine growth and blooms of magnificent proportions, one plant bearing 15 blooms, some of which measured 14 inches in diameter, white, pink, and red in color. With the hydrangeas was also a fine collection of polyanthus comprising some 11 varieties. Warren S. Mason, superintendent of the Pope estate at Farmington, exhibited a collection of primroses, consisting of some 23 varieties, the flowers being unusually large and the texture velvety, like that of the pansy. The exhibits as a whole made an excellent showing and came in for a good share of praise.

President G. H. Hollister named A. Righenzi, John C. Willard and Samuel S. Deming, judges; and they awarded the hydrangeas a first-class certificate; also special mention be entered in the minutes. The primrose of Mr. Mason also received a first-class certificate, and in Mr. Huss' remarks he emphasized the beauty of the specimens exhibited. Mr. Huss among other things stated that the winter had been especially hard on all kinds of shrubs. The California privet hedge that surrounds the Goodwin estate, has been killed in many places, which to say the least is very discouraging after years of laborious work in trimming and culture to its present excellent growth. Next meeting will be "tulip night" and all members are invited to bring specimens.

ALFRED DIXON, Sec'y.

Worcester County Hort. Society.

The annual May exhibit of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, Thursday, May 11, and was largely attended. By many visitors the exhibition was characterized as the best May show ever held by the society. A display of plants by H. F. A. Lange, and an artistic garden of bay trees and hardy shrubs by Edward W. Breed were especially fine. The awards were:

Cut flowers—H. F. A. Lange, 1st; Allen Jenkins, 2d.

Round basket—H. F. A. Lange, 1st; L. C. Midgley, 2d; Mrs. Percy G. Forbes, 3d; Lucy M. Coulson, 4th.

Hyacinths—E. W. Breed, 1st; Mrs. Herbert L. White, 2d.

Tulips—H. F. A. Lange, 1st; Walter D. Ross, 2d; Mrs. W. E. Sargent, 3d; Mrs. H. L. White, 4th.

Pansies—E. W. Breed, 1st; L. C. Midgley, 2d; L. M. Coulson, 3d; Mrs. Edward Warren, 4th.

Zonale geranium—H. F. A. Lange, 1st; W. D. Ross, 2d; L. M. Coulson, 3d; A. W. Hixon, 4th.

Table decorations—H. F. A. Lange, 1st; L. M. Coulson, 2d; Mrs. L. C. Midgley, 3d; Mrs. P. G. Forbes, 4th.

Plant display—H. F. A. Lange, 1st; E. W. Breed, 2d; Mrs. H. L. White, 3d.

Table of wild flowers—Mrs. M. A. Maynard. R.

SAVANNAH, GA.—A. C. Oelschig & Sons report Easter trade for 1916 about the same in volume as that of a year ago. Stock of all kinds was in ample supply, with the exception of pot geraniums. Cut flower prices averaged better than usual at this season, and there was a good demand for all kinds, especially roses. More sweet peas could have been sold had they been available.

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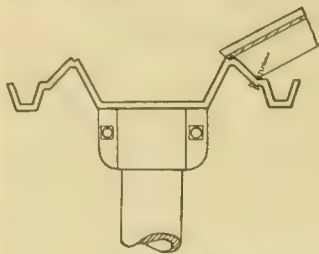
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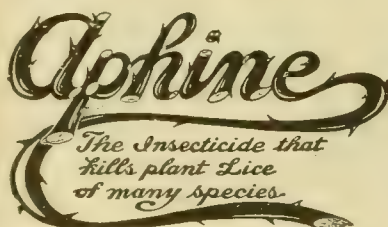
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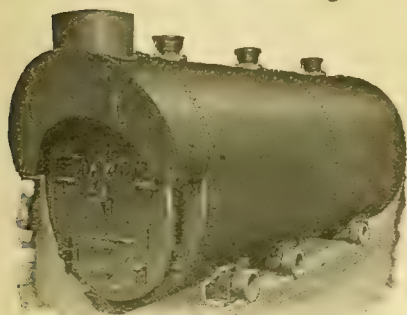
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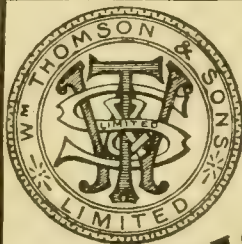
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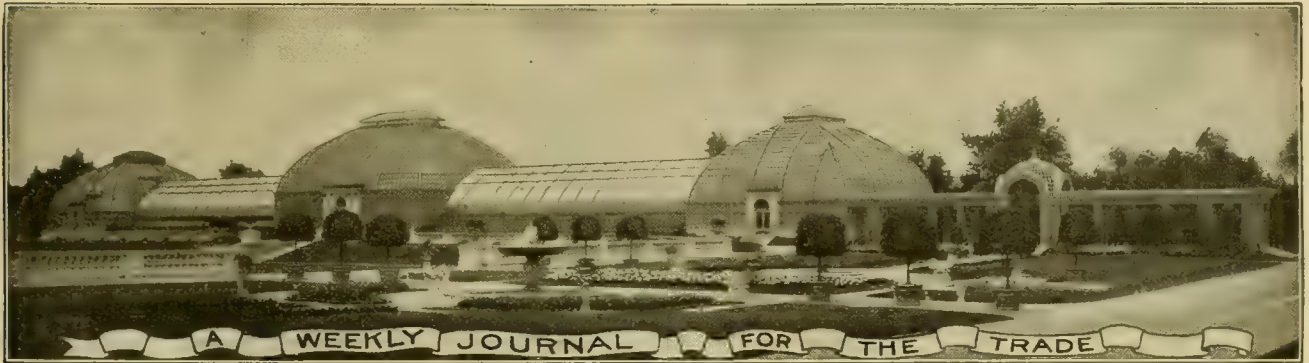
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CHICAGO AND NEW YORK, MAY 27, 1916.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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Lawn and Garden Vases

The Lawn Vase.

As an ornament for the lawn, where for one reason or another, a bed of foliage or flowering plants is not thought desirable, such as a too contracted space or the green surface is to be kept intact, the vase will be found very satisfactory and well worth the care necessary to keep it in good condition. The vase is also a feature of much of the ornamental or formal gardens that surround the handsome suburban residences of the larger cities. Here they are largely used to relieve straight lines along terraces, at the landings of steps, tops of gate posts, and in a number of other points where they help out the decorative scheme. For many purposes the large vitrified terra cotta pot or jar is found satisfactory; its shape fits in with balustrades and tops of posts between sections of which it appears a part. Its great durability is also a favorable point as the frost has no effect on it. When filled with evergreens after the summer plants are gone, it continues its usefulness throughout the winter.

When one runs over the catalogues there is seen to be a great variety to choose from, made of all kinds of material. To begin with the home made article. One driving along the country roads will admire a mass of plants and vines growing from the top of the stump of a dead tree, which is found on examination to be planted in a receptacle made of half an oil or whiskey barrel. This fits in well with the whitewashed fence and is the pride of the farmer's wife who cares for it. The rustic box on a stand of stout knotty branches is practical and often used as a porch ornament. Plain or tulip-shaded terra cotta vases made to fit on square bases are a popular form that is useful to adorn home grounds, and with its good foundation, is suitable for the cemetery, where it is often left long times without attention. To secure all kinds of vases, so there is no danger of accident dur-

ing high winds, is a practical point that should be looked after in every case. The vase can be fastened to the base through the bottom with iron flanges and a stove nut or thumb screw; then stakes driven into the ground, that the base will fit snugly over, will be found sufficient to keep it in place.

The iron vase is both ornamental and practical. They are seen in many shapes and patterns, very often with high ornamental side handles, from which they take the name of urn. Some of these are fitted with self-watering devices, which are more or less useful, depending on the weather. When very wet for any length of time they become waterlogged, but this is offset by their usefulness when in the hot dry times their reservoirs can be drawn on for the so-much-needed moisture.

The various plants that will be found most effective for the vase are quite numerous, but first a word about the soil. For such a lot of plants as are necessary to crowd together in the limited space so as to get the proper effect there should be provided the best of food in good well manured compost, which will, in the middle of summer, be helped out by a liberal top dressing of sheep manure. Many a passe vase has taken on new life after a feast of this kind. All vases should be watered regularly, as neglect in this respect is sure to spell disaster, and it soon ceases to be an ornamental feature. Depending on their size, certain plants are available as centers; dwarf cannas, good sized specimens of *Dracena indivisa*, *Phoenix dactylifera*, or *Pandanus Veitchii* are fine for large vases, while small plants of the same, together with geraniums, crotons, coleus, etc., are practical for the smaller sizes. Much of the same stock that is found useful for the window box, both in plants and vines, will do well in these larger and deeper holders. For shady places, almost all foliage, the various types of the Boston ferns, cro-

tons, *Pteris argyrea*, *Asparagus Sprengeri*, with ivy and variegated periwinkle for vine, will give a pretty effect that should last all summer. For the sunny situation, geraniums, *neurembergias*, *calendulas*, *coleus*, *ageratum*, *nasturtiums*, *petunias*, sweet *alyssum* and a number of other plants will all do well. For vines, there is nothing better than the hardy ivy and variegated periwinkle. *Scotti ferns* and *Asparagus Sprengeri* are good, if room can be made for them. Color effects are often desirable, such as pink geraniums and blue *ageratum* or *Plumbago Capensis*, which blooms the whole summer long. All red geraniums with *pandanus center*, white *petunias*, and sweet *alyssum*, is very effective. A number of equally striking combinations will suggest themselves to fit in with the surroundings in which they are to be placed.

When the chilly fall season takes away the life and vigor of the summer beauty they are then to be replaced with box or evergreens; these can be used in assortment as desired, there being many suitable varieties with much diversity of color in foliage. Nothing makes a better showing or is more symmetrical, than a single specimen of Norway or Colorado spruce, or well shaped boxwood, which even after it loses its color in past midwinter, as they all do, still holds its shape, and is not knocked awry by the wind or weight of snow.

K.

Looking Forward and Looking Backward.

A paper by Albert M. Herr, Lancaster, Pa., read at the May meeting of the Lancaster County Florists' Club.

Your programme committee in asking me to write a paper for you, gave me the privilege of selecting my own subject, and as we old men have a tendency to brag about the good old times, and to prophesy as to the future, the above heading is given to a little rambling talk I shall give you, and having so little time to give the subject I trust you will not be too harsh in your criticisms.

Looking backward to the beginning of my actual experience in the florist business, takes me back to the days of A. D. Rohrer & Bro., when as a fifteen-year-old youngster, I put in some good long days and some pretty hard work with that firm. The one thing that stands out most vividly in my memory of those days was the houses (not the house) of geraniums we grew in 5-inch pots and sold readily at \$2.50 per dozen, and let me tell you that they were "some geraniums." Looking forward I can see no reason why the same market is not in existence today, nor why it is not worked up by some good live wire with the ability and cash to do it. The only true road to success in this or any other business is in service, or in other words, in giving your customers real value for their money. Those 5-inch pot geraniums were real value to the buyer at any price up to \$5 per dozen. Without actual figures as to the cost of their production, I do know that if 4-inch pot geraniums can be grown and sold for \$1 per dozen, 5-inch stock could be produced and sold for \$2.50 per dozen. Right in this town, there are people who would pay \$5 per dozen for such stock if properly educated to it and be better satisfied than they are today with their

\$1 a dozen stock. We all grow and sell entirely too much second-class stock.

Another market for geraniums is for porch decoration, and if it is not worked up by some one with sufficient nerve and a little capital, it is simply one of many neglected opportunities. These geraniums should be grown into 12-inch pot specimen plants on up into regular tub size to be sold at from \$2.50 to \$10 each. In this city where almost 90 per cent of the homes have front porches, there should be hundreds of porches where a good specimen geranium would be an addition to the regular porch decoration. Right here I want to say, never sell one of these specimen geraniums where you, as an educated florist, know that it will not give satisfactory results and the customer the best of satisfaction; better to lose 20 sales than to have one dissatisfied customer, who can truly attribute their dissatisfaction to you.

Looking backward again to those A. D. Rohrer & Bro. days we sold pansies at 10 cents each or \$1 per dozen from cold frames and our customers were more than satisfied. The plants were a mass of flowers and bloom, and sold early in the season with the express understanding that when the hot weather came they should be thrown out and other stock planted into the bed. Today pansies are sold here for from 50 cents per dozen for fair plants to as low as 10 cents a dozen, and even the latter are not mean stock, but they do not give the satisfaction to the customer, as they are hardly started into bloom properly before the hot weather is on them and it is goodbye beauty. Looking backward over this pansy business, I can distinctly recall the work and expense I put in getting up an especially fine strain of pansies, which for a number of years I sold at \$4 per 1,000 direct from the seed bed. This looked like a gold mine



A BEAUTIFUL LAWN VASE.

to some others and the price was cut until it reached as low as \$2 per 1,000, with quality lowered accordingly and my sales reduced to an annual amount that did not warrant me in keeping up my selection, and rather than grow a cheap strain, pansies were dropped, and without any undue conceit, the florists of the United States are the losers, as they always are when they purchase cheap stock. There is no fortune awaiting the man who tackles this same problem that I did, but a young man who would undertake the improvement and selection of panies today, would, I believe, find the market ripe before many years for pansies of quality at a reasonably fair price.

After the pansies and bulbous stock were through in the spring, we used to follow up with formal beds of coleus, alternantheras and kindred foliage plants, exercising our ingenuity in creating new combinations for each season. These were varied with beds of Phlox Drummondii, portulacas, petunias and their brothers and sisters, with geranium and salvia beds growing in prominence each year. Almost any city yard was large enough to make some attempt at this style of bedding, and few there were who did not buy their quota of plants each season. Today this style of bedding has in a large measure died out through the persistent efforts of our landscape gardeners and "artistic decorators" (God save the mark) who have trees, shrubbery and hardy stock to sell, but without business instinct enough to know that the ordinary city yard is not their field of endeavor, the sale being as far as they can see. Fortunately for the general good of the florists' business this class of landscape men are few, and the real ones know when and where to sell their stock so that it will be a permanent advertisement for them.

Our retail plantmen should exercise their selling powers to counteract this planting of shrubbery and get the people back to the beauty of a real flower bed or two; in fact, I believe that if one or two of the old-time coleus beds were planted this summer, that for 1917 there would be call for a number of them. One could go on indefinitely enumerating opportunities for improvement along these lines and still not cover the ground. These are given simply to start a train of thought and create some discussion.

In the matter of hardy stock we are in the present, and the future and the advance depends entirely on the men who handle it as to what the future will bring forth. Many city yards are large enough to stand some of this planting, but the most of them are too small and had better be left religiously alone. I can go to any part of this city and pick out yard after yard where the planting of shrubbery is ridiculous and an offense to any one with an artistic sense. A lecturer here recently told us that a bed of red geraniums was a slap in the face to any one with an artistic sense; some of these hardy plantings are enough to give any one with just a love for the beautiful and artistic, paralysis. For the sake of the business do not let the sale be the only object; let us live up to our profession and beautify the world, and there is opportunity without end right here in this hardy plant business.



VASE ON BALCONY OF FIRST NATIONAL BANK BUILDING, CHICAGO.

Window boxes and porch decorations are coming to be more of a feature in this business day after day and should be made the special study of every retail florist, so that he can properly advise his customers and have them get the best satisfaction possible out of their investment. One thing right here, and that is, when you sell your material for boxes and your customer wants something that will not last the season through, educate them to throw it out and replace it once or twice during the summer. This may be a bit hard to do, but a little personal work on your part will give results that will make of them a permanent customer, and as this end of the business is in its infancy, the wagging tongue of a satisfied customer is your best advertisement for future business.

In a long drawn out conclusion, I would say, do not neglect the lessons of the past, but make use of every opportunity offered you to create new outlets for your products and vary these products to meet the new demands coming up daily. I can see no chance of a florist accumulating any great wealth, excepting the few who have it to start with, but there is just as much opportunity in this as there is in any business for a reasonable remuneration for your effort, providing you work along business principles.

Looking backward to the days of A. D. Rohrer & Bro. again, along the business end of the line, I find that we had our coal delivered to the bins at \$2.75

per ton and our labor averaged \$1 per day. At present we are paying almost three times as much for coal and over twice as much for labor and selling stock for considerable less money. This discrepancy may not be as much as it at first sight seems, but right now, the man who does not seriously set himself to the task of getting a little more money for his stock is not going to win out. The retailer does not feel this quite as keenly as we wholesalers, who have been working on a narrow margin of profit right along.

Personally I know that it is not possible for wholesalers to sell stock at last season's price the coming winter and continue in business, unless the quality of the stock is cheapened considerably, and in this case the buyer will not get full satisfaction for his money. If you expect to grow good quality stock, it will pay you to buy good quality stock from your grower. To the few members of this club who grow for the wholesale trade, I would like to impress you with the fact that if we want Lancaster county to be looked up to as a safe place to send orders, we must not consider how cheap we can grow stock, but how near right we can grow it, and make the price accordingly. Estimate your costs carefully, including everything, upkeep of your place, wear and tear, labor, heat and all incidentals such as tools, manures, etc., and you will be surprised to find out how little you are making on some lines of the stock you are

handling. Then figure an increase on the cost of your next winter's coal and everything else you buy; even a 50 per cent increase on the envelopes you use to send out letters. Can you grow stock for the same money as last season?

You retail men should go through the same line of cost estimating, and for goodness sake stop cutting prices. You do no good to yourself and very little harm to the other fellow and a lot of harm to the trade in general. In a town like this, uniform price is an impossibility, as one man can sell a plant at a profit for a nickel that another man would have to sell at seven or eight cents. Rather than sell at a loss, cut some lines out and co-operate with the other fellow. Co-operation means a whole lot more than we as a club seem to realize. Where would Sam Pennock's tug-of-war team been last summer at our picnic, if they had not all pulled together? Let us pull together and upbuild this business of ours, is the earnest wish of the writer.

Iowa State College.

NEW FLORICULTURAL COURSE AT AMES.

The latest development in the department of horticulture of the Iowa State College is the announcement of a four-year course in floriculture leading to the degree of B. S. in Floriculture. For the past few years considerable floricultural work has been given in connection with the general gardening course. This work is now to be supplemented with several new courses, constituting a major course in floriculture and greenhouse management. Strong courses in landscape gardening and market gardening will be given to supplement the floricultural work.

The college has recently built a new range of commercial greenhouses, which brings the total greenhouse space up to about 35,000 square feet of glass. The new course is to be started next fall, but there are already seven junior students enrolled in the work. One of the illustrations shows some of the work of the class in the course in floral arrangements. The other illustration shows a float which was designed and constructed by the same class, as their entry in the recent agricultural carnival held at Ames. The work is at present in charge of J. T. Rosa, and John Reardon, champion chrysanthemum grower of the Missouri valley, is head gardener and florist.

Stevia.

If the stevia cuttings have not been rooted this should be attended to at once. As these plants grow very rapidly they are generally the last to be propagated, but the rooting of any stock in June is always attempted with more or less chance of failure unless under the most favorable conditions. As soon as rooted they should be potted in 3-inch pots and placed in a cold frame, the pots plunged in the soil and shifted into large sizes as required. Keep the plants pinched back until the middle or last of July, when they should be potted in their blooming pots and placed in quarters safe from high winds and early frosts. The dwarf stevias may be grown in the field, being kept pinched back during the summer and potted the last of August or first of September.

PLANT NOTES.

Peonies.

The work on these plants is not finished by any means when the blooms are cut, for they must be taken care of to insure a good crop for another year. Where the plants are grown in rows the constant traveling has packed the soil down hard and the ground should be given a good cultivation in order to lighten it up. The weeds should be kept down all summer and not allowed to rob the soil of its richness. If the plants were severely cut in harvesting the bloom, so that there is not much foliage left on the plant, it is well to spread a mulch of strawy manure on the surface. This is often the case with the officinalis varieties, which do not make the heavy growth of the later varieties, and as it is natural for the roots of the peonies to have the shade of the heavy foliage of the plants during the summer, the cutting of the stems and foliage of these varieties robs the roots of this, and a mulch that will protect the ground from the hot summer sun is very beneficial and will also reduce the labor of weeding. Any old blooms left on the plant should be cut and thrown away. Plants that have become broken down by high winds or heavy rains should be tied up in shape.

Small Ferns.

The fern spores that were sown in late winter should now be in condition to transplant into flats. It will be difficult to separate the plants yet into individual specimens, but little clumps can be lifted with a toothpick and planted in flats about an inch apart. The flats or boxes should not be deep; about an inch and a half of soil is sufficient. The soil should be composed of two parts live loam and

fronds. If the grower has not grown his own ferns, it is a good time now to place an order for them with the fern specialists, for they can be purchased at very low prices and they are very easily grown on, and where there are many fern dishes to be filled in the fall, the difference in cost of the young plants lifted from the flats in midsummer and those purchased out of small pots in the fall is considerable; plants that will cost three and four dollars a hundred at that time can now be obtained for one-third of that amount, and a thousand or more of this small stock does not take up much space and will be disposed of before the bench room is needed in winter.

Solanums.

These little Christmas plants should not be allowed to stand around in the hot greenhouses badly pot bound and drying up every day, for they will grow hard and it cannot be expected to obtain a good plant under these conditions. They will stand lots of abuse and do fairly well, and that is the reason, probably, that they are so often neglected during the busy days. But it is much better to plant them out in the field than to carry them along in this condition. They can be easily handled in this manner, lifting them early in the fall. They will need to be kept pinched back into shape—any strong leading shoots should be cut back when they are soft. They can be planted fairly close together and will need frequent cultivation. If there is no suitable outside location where they can be planted out they can be plunged in a frame and potted up as it becomes necessary, but outside treatment of some kind is far preferable to the greenhouse, which is too warm, unless shaded, and they make better growth and bloom more freely in the bright sunlight.



FLOAT BY IOWA STATE COLLEGE STUDENTS.

one part leaf mold, with a generous sprinkling of sand, and sifted through a fine sieve. The flats should be placed in a moist house that is well shaded, and the walks kept well wet down all through the hot weather. If a nice warm moist temperature is maintained, the plants themselves will not require much watering, only light sprinklings, and they will very rapidly root into the new soil and send forth their

Primulas.

The young primulas that were sown early should now be in 3-inch pots and be given as cool and airy a location as possible. To get the best growth on these plants, they should never be subjected to great heat, for the species are naturally a cool growing plant on the edges of the woodland in their native state. Outside in a frame with a lath covering is the best place that



FLORAL DESIGNS BY IOWA STATE COLLEGE STUDENTS.

they can be grown, the pots sunk in the soil even to the rim. In potting these plants they should be placed in the soil deep enough for them to stand firmly; they will not stand deep potting, but many growers do not pot them deep enough, and they frequently get turned over sideways during the watering. They must be watered carefully and preferably with a can with a fine rose. The later sowings will have to be carried on in the houses until they are large enough to be placed outside. They will have to be shaded, but do not shade them heavily enough to cause them to get drawn.

Larkspur.

Larkspur or "poison weed" is treated of in a recent bulletin of the department of agriculture, in which it is pointed out that many losses are suffered each year by western ranchmen by reason of the stock eating the weed. There are two groups of these larkspurs on the ranges, the tall and the low varieties. The low larkspurs prefer the hills and rather dry ground, while the tall kinds grow in the gulches and canyons. Among the tall species are *Delphinium barbeyi* and *D. cucullatum*. The tall larkspur is easily distinguished after it blossoms, but in the early stages is often confused with the geranium and aconite. Of the low larkspurs *D. Nelsoni* is a type. It grows in considerable abundance in Wyoming, Colorado, New Mexico and Utah. The root is short and tuberous and the plant never exceeds a foot in height. The blossoms are a violet blue. They appear, arranged in a loose raceme, in May.

Cinerarias.

The sowing of cinerarias is better done in June than later. Many postpone this until July, but during the extremely hot days of that month it is often difficult to obtain good germination, and the seed pans or boxes will have to be watched carefully or they will become dry and the young seedlings burn off. The soil should be well shaded until the young seedlings show themselves, when the shade should be made lighter. As soon as

the plants have one or two well defined leaves, they should be potted in small pots and given a nice airy position near the glass, which should be shaded, but care should be taken that the young stock does not get drawn. Always bear in mind that the one thing in growing cinerarias to be on the watch for is the aphid. These insects quickly infest these plants and rapidly suck the life out of them. Constant fumigation will keep them in check, but if not attended to regularly it will be time and money thrown away to attempt their culture. *Cineraria hybrida* is the variety most grown, and these are obtainable in some elegant strains with large high-colored flowers. The *Cineraria stellata* is a much larger and more rapid growing plant which is very showy, but is not so well adapted for house culture when in flower.

Winter Flowering Geraniums.

With all growers having a greenhouse and doing a retail business there is in the fall a good demand for pot geraniums for house culture. Plants lifted from the open ground and potted in the fall are not very satisfactory, for the plants recover from the later transplanting slowly and go out of bloom, and often do not flower again until spring. It is better to grow plants for this purpose in pots through the summer and these with good culture will bloom all winter long if in a sunny position. Cuttings taken at this time will make nice stock for this purpose, or small plants left over after the spring sales can be used. The plants should be potted firmly so that they will make a short, stocky growth, and kept well pinched back throughout the summer, that as many branches may be procured as is possible. All buds should be picked off as soon as formed, allowing no blooms until the plants are firmly established in blooming pots, in which they should be planted the last of August. A 6-inch pot makes the best size for house culture and the plant can be easily grown so that it will fill this size nicely. A frame outside is the most convenient and best place for growing them through the summer months.

Ardiasias

One of the most popular berried plants for Christmas is the ardisia, but it is not grown as generally as it should be, the production being left to a few plant growers, for it is of very easy culture, the only drawback being that it is of very slow growth. The seeds of the old plants are now thoroughly ripened and should be sown at this time. They germinate slowly and should be sown about an inch apart, in rows the same distance apart, and they can then be left in the seedbox until early summer, and potted in 2½-inch or 3-inch pots, and grown in a warm, lightly shaded location. They should be potted in good fibrous loam and kept in a moist close house that all the growth possible may be obtained at this time, for the plant naturally checks in winter. In early spring these young plants will flower and produce a crop of berries for the next winter. The plants that have been grown for three years or more have generally passed the ornamental stage, for they lose their leaves and have a "leggy" appearance. When they reach this stage the tops can be rooted and a fine plant obtained. This can best be done at this time of the year by cutting into the stem and wrapping the cut with wet moss firmly tied around. Keep the plants in a warm, close atmosphere and the moss continually damp, and in four or five weeks new roots will grow in the moss, when the top can be cut off and potted, still keeping the plant in the same temperature until new growths start. This operation will not interfere in any way with the plants blooming, for they frequently set an abundance of buds while the top is making new roots. The brown scale is the greatest enemy of ardisias even in the young stage and they must be removed at once when found, for they sap the strength of the plant. The older plants should be frequently sponged with strong nicotine solution.

DALLAS, TEX.—The Rische Floral Co., in the Elm street arcade, has taken another booth in the same building, doubling the space formerly occupied.

CHRYSANTHEMUMS

Bench Stock For Cut Blooms.

The plants intended to produce exhibition or high grade commercial blooms should now be planted into their permanent quarters on the benches. The grower who is able to plant his exhibition stock by May 15, has a big advantage over the man planting a month later, and the same rule applies to the early varieties. A week or two gained in getting these started in the benches goes a long way toward solving the problem of being able to have large blooms ahead of the general supply, a time when the demand and prices are both good.

SOIL.

Good soil is essential for producing high grade chrysanthemums, especially so with early planted stock, which have a long season of growth and attain a strong, vigorous habit, requiring lots of strength for the best development of their blooms. While a good soil is necessary, it is not advisable that it should be heavily composted with rich manures at the start, but as the season advances and the plants gain strength and growth, the manures can be added from time to time. A stiff clay loam is better suited to the growth of chrysanthemums than a light, sandy soil—in a stiff soil the growth is more short and sturdy, but when the soil is too light and spongy, the plants make a long-jointed, spindly growth. Most of the growers who are noted for the high quality of the chrysanthemum blooms they turn out, prepare their soil or compost in the fall of the season before they intend to use it. This preparation is done by taking off the fresh sod from a piece of pasture or specially prepared land, then adding well rotted manure in proportion of one of manure to three of the sod, stacking it in a pile to stand over winter, where it remains until turned over in the spring and made ready for planting. The grower who has this soil pile to draw from is fortunate and can go ahead at any time with the work of filling the benches. The grower who has no prepared compost pile to depend on, but has to draw his planting soil direct from the field, should now plough up enough of the sod for his planting requirements before the grass gets too much of a start, then as the benches are made ready, the manure can be added to the soil in the same proportion as advised for the compost pile and hauled in.

FILLING THE BENCHES.

Some of the varieties planted in May will grow to the height of seven feet or more, so that it is very important when mapping out the planting, to be sure the plants will have plenty of head room for the proper development of their blooms; 10 feet from the top of the bench to the glass is not any too much. Five inches of soil, firmed down, should be provided at the start, so that when the benches are six inches deep, it will allow for mulching during the season as the plants need it. Before bringing in the soil, we spread a thin layer of well rotted manure over the bottom of the benches; this prevents the fine soil from running through the cracks as well as being good for the plants to work in later

on. After the soil is brought in, bone-meal and limestone screenings are scattered over the surface, about 50 pounds of each to a bench 5x100 feet. This is worked into the soil, after which the beds are well firmed down and leveled off. They are then ready for planting.

DISTANCE APART TO PLANT.

This is one of the important parts in the culture of early planted stock, and room must be given the plants for their proper development; it is useless to plant early and crowd the plants. After a few weeks the foliage growth will be very heavy, and if there is not good air space between the plants, they are going to suffer; 5x7 and 6x8 inches apart will do for stock planted



W. D. Desmond, Minneapolis, Minn.

President Minnesota State Florists' Association.

Mr. Desmond is President and Manager of the New W. D. Desmond Co., Incorporated
With a Capital Stock of \$50,000. Wm.
Vasatka, Vice-President and Louise
Desmond, Treasurer.

after June 15, but earlier planted stock should be allowed 7x9 or 8x10 inches apart, according to the variety, the location of the benches and the style of house in which they are being grown. The center benches of the high and wide modern houses allow for closer planting than the side benches, or in houses where there is not such a free circulation of air.

PLANTING AND WATERING IN.

A grower must know the varieties under his care to get the most out of a bench of plants; he will then plant the dwarf varieties separate from the tall growers. When a dwarf grower is planted between two tall varieties it is lost before the season is very far advanced. Firm planting is essential and extra care should be exercised in the watering of the plants directly after planting; water each plant in after a bench is finished. This will carry them for a few days. When root action will have commenced again, light syringings can be given each day to prevent wilting, but it is a mistake to flood the beds directly after planting before the plants have had a chance to get a root hold.

SUPPORTING THE PLANTS.

This work commences right away after planting, and whether the supporting is done by stakes, wires, or strings, it should be attended to as quickly as the plants are in need of it from the time of planting.

GROWING EXHIBITION STOCK IN POTS.

This method of culture is generally followed out by the leading chrysanthemum exhibitors of the country, and owing to the grower being able to control the root action, as well as the ripening of the wood better than when the plants are bench grown, the method is in favor with most chrysanthemum experts. To be successful, the plants should now be well established stock in 4, 5 or 6-inch pots, ready for the final shift into 8, 9 or 10-inch pots, according to the limit to which one is willing to go. The important considerations connected with the final potting are a rich compost, provide for a good drainage and firm potting. It is best not to fill the pots too full of soil at time of potting, but make allowance for giving the plants a mulch as they advance in growth. The one very important point to consider at all times in this method of culture is, not to over-water, but give the roots a chance to be working all the time by keeping the soil sweet. Staking is also very important; attend to it as needed so that the plants can be properly supported. Make a special effort to rid the plants of insects by spraying or fumigating while the weather is still cool; it will save lots of worry and trouble later on.

CARE OF STOCK FOR LATE PLANTING.

The plants in pots for June or later planting should receive the attention they need; if they show signs of becoming hard before being able to plant, then they ought to be shifted into a larger pot. With our cemetery work to attend to for Memorial day, we have to shift our cut bloom chrysanthemum stock into 4-inch pots to carry them safely over to the middle of June for planting; it means extra labor, but when every inch of bench room is occupied with other plants there is nothing else that can be done.

POMPONS.

According to the remarks of several growers, these are going to be planted in larger quantities than ever this season. They can still be propagated and make profitable plants. Pot up as soon as rooted, and after becoming established, pinch the tops out to make them break out with ample shoots or sprays. Those now in pots should also be topped and cared for to prevent them becoming hard. Any time during June is the best time for planting the pompons into their permanent quarters.

SINGLES.

The method best to follow for the pompons, also applies to the single varieties, but there is one important consideration that should be borne in mind; be sure and grow varieties that are durable enough to stand the necessary handling.

Height of Chrysanthemums.

ED. AMERICAN FLORIST:

Please give me the height of the following chrysanthemums and which are early and late. I want to plant two benches with them and wish to begin with the early ones at one end and

follow with the others. My varieties are given in the list herewith and it would be sufficient for my purpose if you would give the height and season after the names.

Michigan.

E. A. D.

Healthy plants planted in June:

Chadwick—5 feet; season, November 10-20.

Chieftain—4 feet; last week of October.

Chrysolora—5 feet; October 15.

Clementine Touset—5½ feet; October 12.

Comoleta—3 feet; October 15.

Dr. Enguehard—5 feet; November 10.

Golden Wedding—5 feet; November 1-10.

Harvard—5 feet; November 15-20.

Jones—3½-4 feet; November 15.

Nagoya—4 feet; November 1-10.

Pacific Supreme—4½ feet; October 15-20.

Pink Bonnaffon—(?) Do not know it.

Robert Halliday—5 feet; October 15.

Roosevelt—4 feet; November 10-20.

Smith's Advance—3½ feet; August and September.

Touset—See Clementine Touset.

Unaka—4 feet; October 4-10.

White Bonnaffon—3 feet; November 15.

White Eaton—5 feet; November 10-20.

Yellow Bonnaffon—3½ feet; November 1.

Yellow Eaton—5 feet; November 10-20.

White Chadwick.

ED. AMERICAN FLORIST:

I have several yellow Chadwick plants that produced white blooms. Is this a common occurrence with chrysanthemums and what is the cause? Other plants grown with these produced blooms of normal color.

Tennessee.

SUBSCRIBER.

The variety, Yellow Chadwick being a sport of the white variety, Wm. H. Chadwick, it is not unusual for some of the plants to revert to the original. Sports of varieties are very likely to do this, or the growth of the white and yellow Chadwicks, being alike, the plants may have become mixed at some time.

C. W. JOHNSON.

Cleveland's Early Autumn Show.

What is announced to be eight shows included in one, one of the most important divisions of which will be a flower show, will be held in Cleveland, O., September 2-9, under the name of the Industrial exposition and fair. The co-operation of the Cleveland Florists' Club, the Ohio Horticultural Society, the Cleveland Garden Club and other kindred organizations has been invited and committees representing these societies will meet in the near future to arrange the details for the premium list which will be published early in June.

H. P. Knoble, of Knoble Bros., well-known florists of Cleveland, is a director and member of the executive committee of the coming event, and M. A. Vinson, manager of the Cleveland Flower show last November, will have active charge and general direction of the entire show. Copies of the premium list may be secured by addressing M. A. Vinson, 2515 Franklin avenue, care of Cleveland Chamber of Industry, Cleveland, O.

THE ROSE.

Carrying Plants Through Pruning Time.

The plants that are to be carried through until pruning time in mid-summer will have to be fed right along and cared for the same as during the winter months, in order to have them produce good salable blooms up to the first of July or later. Plants that are mulched along about February or March will require another liberal application at this time, alternating with liquid manure after the first few waterings. Usually about May 1 there is quite a free germination of weed and other seeds in the old mulch, and before applying another



The Late Mrs. C. E. Buckbee.

supply all of the beds should be carefully weeded. It will be advisable to have the one that does the watering follow up behind the mulch as fast as it is applied, for at this season the manure will dry out rapidly, and if allowed to crust over the water will only partially dissolve it. Care should also be taken to have the mulch broken up as finely as possible.

Keep up the disbudding and pinching the same as usual, and now that firing is about over in many sections, one should have on hand a supply of grape dust, and a good sulphur gun, and dust the plants over lightly at least once a week, even should there be no signs of mildew. If this plan is followed, very seldom will one be bothered with mildew, if the airing is done carefully. It is now time to keep right after the composting, and if the soil was composted last fall or through the winter it can be now turned and broken up finely in time for the indoor planting. Perhaps one has a house of American Beauties to plant, or move, and it is always a good plan to get this variety in as early as possible, and also to have a good stiff soil for them. They usually do better planted in about six inches of soil on raised benches anywhere from six inches from the ground to a bench 18 inches high. As the American Beauty is very susceptible to black spot, and this is often brought on through not having as good control of the water-

ing when grown in the solid borders, the raised benches offer the best solution to the difficulty, we believe. Care should be taken to have the young stock kept moving, and it should be allowed considerable room to keep it clean and the wood in a normal condition. Keep the young rose stock shifted right along, and stake all of the grafted plants after shifting from the 2¼ or 2½-inch pots, otherwise a great many will become broken at the union by syringing them. We might state further, that Sunburst is another variety that seems to like the raised benches for the same reason given for American Beauty; also we believe one can cut flowers with better color on Sunbursts when grown this way. As Sunburst is also grown principally on their own roots, they will require a heavy clay soil and should be planted in about five inches of soil after it is firmly packed on the tables. Russell will soon stand frequent syringing, but do it early and keep the walks as dry as possible.

E.

OBITUARY.

Mrs. C. E. Buckbee.

Mrs. Catherine E. Buckbee, mother of H. W. and John T. Buckbee, Rockford, Ill., died at her home in that city May 20. Mrs. Buckbee was the descendant of sturdy colonial ancestors. Her maiden name was Catherine Elizabeth Allington, and she was born March 27, 1836, at Van Ettenville, Chemung county, N. Y. She was the daughter of Jacob and Catherine Westbrook Allington, who were of Scotch extraction. The mother of Jacob Allington was Elizabeth Swarthwood, whose ancestor, Peter Swarthwood, was one of four original Swarthwoods who emigrated from Holland long before the American revolution, in which war Peter's grandson, Jacob Swarthwood, became a general.

Mrs. Buckbee's father was a Methodist preacher and lumberman. She was one of eight children. Her mother passed away when she was seven years old and her father when she was 12. She was educated in Lima, N. Y., after which she taught school for several years. With an older brother and sister she went to Rockford in 1855, settling on Kishwaukee street in the same block on which the present Buckbee homestead is located. On February 11, 1860, she married Theodore E. Buckbee, driving to Beloit, where the ceremony was performed.

In addition to her two sons, two grand-daughters, Frances and Mary Buckbee, survive. Her husband, who was a prominent citizen of Rockford, died June 6, 1904.

John Kral.

John Kral, for a number of years head salesman for Moore, Hentz & Nash, in the rooms of the New York Cut Flower Co., died at his home in Portchester, N. Y., on the morning of May 21. He had been ill about two weeks with pneumonia. In the death of John Kral, the writer has a feeling of personal bereavement, because we were close friends. He was, physically, a man of small stature, but he had a large heart and brain, and we shall honor his memory. He had been with the New York Cut Flower Co. for over 20 years, and every man connected with that company, in all those years, testifies to his fine character. He was a thirty-second degree Mason, and was buried on May 24 with Masonic honors. He was 42 years old, and is survived by a widow and one child.

A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440JS. Dearborn St., CHICAGO

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THE Massachusetts Horticultural Society shows a good example in issuing well in advance the preliminary schedule of prizes for its spring exhibition, to be held at Horticultural hall, Boston, March 21-25, 1917.

MEMORIAL DAY.

On account of the holiday next week, advertisers and correspondents will oblige by mailing copy one day earlier than usual.

American Dahlia Society.

The American Dahlia Society will hold its annual meeting and exhibition in the Engineering Society's building, No. 25-33 West Thirty-ninth street, New York, September 26-28. This exhibition, which will be under the auspices of the American Institute, will, it is expected, be the largest and best display of dahlias ever held in America, and every possible effort toward this end is being made. Besides the regular premiums several cups and medals have been promised. For premium list and further information address the secretary, J. Harrison Dick, 1426 Seventy-third street, Brooklyn, N. Y.

Society of American Florists.

DEPARTMENT OF REGISTRATION.

Public notice is hereby given that Rudolph Fischer, of San Gabriel, Calif., offers for registration the freesia described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description: Freesia Splendens, a seedling of Purity, with strong heavy growth foliage, reaching well into the stem; the stems are from two to three feet in length, the flower heads large, the individual florettes opening wide; color, bluish and reddish lavender, two distinct shades.

JOHN YOUNG, Sec'y.

May 22, 1916.

American Rose Society at Washington.

The inspection of the National Rose Garden and trial grounds at Washington by the American Rose Society May 23 was very interesting. There were in attendance some 25 members from Massachusetts, New York, Pennsylvania, Indiana and the city of Washington. Assembling at 9:30 a. m., at Gude Bros. Co.'s store on F street, autos bridged the distance to the gardens which, in spite of a gentle drizzle, afforded the visitors a useful hour of inspection. Admiral Ward, E. G. Hill and Robert Pyle formed the committee who judged the newer varieties that had passed their first year in the garden. The new rose scale of points recently adopted by the society was tried for the first time and appeared to work very well. The backward season interfered seriously with the inspection as but few of the various classes were in flower. In another week or 10 days the roses will be at their best.

At 11:30 the party paid a visit to Twin Oaks, the handsome grounds of Mr. and Mrs. C. J. Bell, where, after an inspection of the beautiful rose arbors, they enjoyed refreshments served by Mrs. Alexander. Mrs. Bell being confined to her room through illness. At a beautifully decorated table, with Radiance roses as a feature, a substantial luncheon was followed by a feast of rose lore, past, present and future. President S. S. Pennock introduced the speakers. Telegrams of felicitation were sent to Secretary Benjamin Hammond and Theodore Wirth, who were unable to be present. Robert Pyle, Wm. F. Gude, J. Horace McFarland, Prof. Mulford, Admiral Ward, Prof. Carey, E. G. Hill and George W. Hess

all made addresses, which were full of admiration of the work being done in the Washington and other gardens and predicted a great future for the society.

Illinois State Florists' Association.

FALL EXHIBITION PROPOSED.

At the recent annual meeting of the Illinois State Florists' Association, held at Moline, it was decided to hold a fall meeting and, if possible, a small show in connection with it at Bloomington, Ill. I have since been informed by A. Washburn & Sons of that place that they would contribute \$250 towards premiums for a fall show to be held there. I consider this very liberal on their part, and took it upon myself to write the members asking for a small contribution towards raising a fund to the extent of at least that same amount. It is thought a \$500 premium list will give us a very creditable show for a beginner. Won't you please pledge us something, just say on a postal card what you will agree to donate, cash from \$5 to \$10, or a definite number of roses, carnations or chrysanthemum blooms by November 1, 1916.

A. F. AMMANN, Sec'y.

Edwardsville, Ill.

[Since the above was written, May 19, Mr. Ammann advises he has received five replies pledging a total of \$65.—Ed.]

New York Summer Show.

Preparations have been completed for the first summer show of the International Garden Club, to be held June 1-4, on its grounds, Pelham Manor, Pelham Bay park, New York City. Two large tents and smaller tents will be erected and a sunken garden effect arranged in the tents for the display of the groups of plants, etc. The schedules are now ready with entry blanks and same can be had from the secretary-manager of the show, Arthur Herrington, Madison, N. J. The grounds can be easily reached by automobile, is on the main Boston road, from New York. It is also on the Harlem division of the N. Y., N. H. and H. R. R., and freight and express can be sent to City Island station, which is nearest the grounds. People coming from the east can change at New Rochelle or can take the Third avenue elevated trains to One Hundred and Twenty-ninth street, where they can get the train to City Island station.

A generous prize list of nearly \$5,000 is being offered, about equally divided between the trade and private estates, and additional premiums will be given to meritorious exhibits. Governor Whitman opened the grounds last year for the club and it is expected that Mayor Mitchel will be on hand to open the flower show. For further information, address Arthur Herrington, Madison, N. J. H. W. B.

Windler For Sunday Closing.

The Windler Wholesale Floral Co., St. Louis, Mo., makes the announcement that its establishment will be closed on Sundays. Frank Windler, head of the concern, is standing on the courage of his convictions that Sunday is the one day in the week of seven to refuse to do business and the closing of the Windler Co.'s store on that day is taking the initiative in that city in a reform of no small measure.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Newark, N. J., May 28, 3 p. m.—Wein, Obst und Gartenbau Verein, 15 Newark St. Peter Caille, secretary, 111 Avon Ave., Newark.

Providence, R. I., May 29, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 98 Westminster St. Wm. E. Chappell, secretary, 333 Branch Ave., Providence.

Baltimore, Md., May 29, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin Sts. Noah F. Elitton, secretary, Gwyn Falls Park, Station F, Baltimore.

Albany, N. Y., June 1, 8 p. m.—Albany Florists' Club, 611-613 Broadway. Robert Davidson, secretary, 139 Second St., Albany.

Milwaukee, Wis., June 1, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegl's cafe, State and Third Sts. Eugene Oestreich, secretary, North Ave. and 55th St., Milwaukee.

Omaha, Neb., June 1, 8 p. m.—Omaha Florists' Club, Court House. L. Henderson, secretary, 18th and Douglas Sts., Omaha.

Lake Forest, Ill., June 2, 8 p. m.—North Shore Horticultural Society, Council Chamber, City hall. E. Bollinger, secretary, Lake Forest.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.****For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address

Key 637, care American Florist.

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Helpers wanted in rose houses. Apply to ALBERT F. ANLING, Maywood, Ill.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON, 833 E. North St., Morris, Ill.

Help Wanted—A good rose grower and one assistant: state wages wanted. Address

Key 634, care American Florist.

Help Wanted—Several experienced greenhouse men. Apply at once and come prepared to start work. ANTON THEN,

2219 Winnemac Avenue, Chicago.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting.

THE REMINGTON-WELCH CO., Geneva, N. Y.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address

Key 631, care American Florist.

For Sale—Good paying retail flower store in Chicago, on northwest side. Address

Key 623, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.

J. C. PAUL, South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address

A. HANSON, 2615 F Street, Vancouver, Wash.

Wanted to Rent—About 15,000 or 20,000 feet of glass suitable for carnations, near Chicago with option to buy. Address

Key 636, care of American Florist.

BUDDLEIA WANTED

We want 1000 to 2000 Buddleia variabilis from 2-inch to 2½-inch pots. State quantity available and price, mailing sample to

HENRY FIELD SEED CO.,
SHENANDOAH, IA.

FOR SALE.

Will give away five greenhouses in running condition to the party who takes over this business, established 25 years ago; 250 feet frontage by 125 feet deep; brick house, three flats and a store. Price, \$25,000; one-half cash. Possession July 1, 1916. Big bargain—act quick.

PETER SROCZYNSKI,
1523 N. Harding Ave., Chicago.

Traveling Man Wanted.

One of the largest wholesale seed houses has some good eastern territory for a live wire representative—one who can bring good trade with him and is a good, steady, hard-working representative. Write in strict confidence, giving full particulars. Address

Key 639, care American Florist.

SITUATION WANTED

Experienced storeman capable of taking complete charge. A1 salesman and designer. For many years connected with several of Chicago's leading retail establishments. For particulars address

Key 633, care American Florist.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment: best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

FOR SALE

Oldest established greenhouse and florist business in thriving western city. Owner has other business interests and cannot devote necessary time to it. This is a splendid opportunity that it will pay you to investigate. For further particulars address

Key 638, care American Florist.

Foreman Wanted

General all around man for place in middle west.

Address

Key X, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¼ x 5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Rose Bushes, Rhododendrons, Evergreens, Etc. Also Bay Trees, Bedding Plants, Potted Plants, Etc. Sales Each Tuesday and Friday, at 11 o'clock a. m.

Minneapolis.

DARK WEATHER AND SUPPLY IS SHORT.

The weather during the past week has been very dark and wet and inasmuch as everything was cut so short for the Mothers' day demand, stock has been in limited supply in consequence. On the Monday following Mothers' day, white carnations dropped from eight cents to four cents, but there were few to be had. Peonies are not meeting with a very good demand, as the keeping qualities seem poor, evidently due to some fault in the packing. Roses are still holding their own at prices varying from three to 12 cents. Outdoor stock has not made a good showing owing to the cool weather. Business has been good in all lines of the trade since Mothers' day—"since Easter" used to be the by-word, but this has been changed now to "since Mothers' day."

NOTES.

Minnesota State Florists' Association held its regular meeting at the store of Holm & Olson, St. Paul, May 17. A committee was appointed to arrange for a big meeting at which will be shown stereopticon views of the Minneapolis park system and a lecture on same by Theo. Wirth, superintendent of parks of this city. Addresses by other prominent speakers on different subjects are being arranged for at this meeting which will take place in June.

Wm. Vasatka, for the past three years foreman at the L. S. Donaldson Co.'s greenhouses, has taken the position as florist at the Minnesota state fair grounds. The "boys" all wish Will the best of success, and if his subordinates in his new position are like the old, they will have one of the best florists and foremen who will look out for their interests and advancement at all times.

Ralph Latham had a delegation from the unions of this city call on him to know the reasons for the high prices on Mothers' day, but they wanted something more definite than "supply and demand." They were not able to understand that his selling percentage was just the same whether he paid four cents or 15 cents, as it cost him just so much to do business.

One of the growers who wanted to force the price of white carnations up to 12 cents for Mothers' day, fell down on the job when other growers and the wholesalers refused to get in line with him. Most of the trade thought the eight-cent price satisfactory, especially considering the fact that if it were not for Mothers' day they would be glad to consider three cents.

Wm. Topel, who has been assistant to Wm. Desmond at Donaldson's, has taken the position as store manager and will also be in charge at the greenhouses. It has been erroneously reported that the range was to be torn down, but such is not the case according to Mr. Topel.

W. D. Desmond returned from Sioux Falls, S. D., with John G. Coleman, who has purchased the Sioux Falls Greenhouses and the retail store in connection with the business. He is going

to enlarge same and make the establishment first-class in every way.

The Eldridge Floral Co. looks forward to having one of the prettiest stores in this city after the new fixtures and ice box, which are being furnished by Buchbinder Bros., Chicago, and which were built especially for this store, are installed.

Oscar Amundson has planted a block of sweet peas for his store trade this summer. He has 21 rows, each 140 feet long, and all the grandiflora types are represented. They seem to stand up better here than the Spencers.

John Rovick of the base ball team is a very enthusiastic captain and has them practising every evening. Manager Art Rice is booked for some very hard games a little later in the season.

Lakewood cemetery greenhouses have nearly all of the planting of the cemetery to themselves this year and the force is very busy. Outsiders can only plant what is used in the iron vases.

Julius Rieck, one of our prominent local florists, has filed his petition to be put on the ballot for mayor. A florist ought to make a good mayor. Phil Breitmeyer did in Detroit.

Cal Rice is going to treat the "boys" to a fish dinner upon his return from the lakes—and he is always there with the "speckled beauties" when it comes to fishing.

Henry Will has purchased a new Cadillac touring car, with which he expects to visit the lakes and bring back some fish this summer.

H. B. Whitted lost a valuable automobile May 20, when the machine exploded after entering the garage. No one was injured.

Minneapolis Floral Co. is hustling with outside planting and getting small plants ready for shipment.

Max Kaiser of Merriam Park is sending in some very fine My Maryland roses on three-foot stems.

Hans Rosacker is a great admirer of Milady roses and thinks they cannot be beat.

O. H. Kaiser is proud of his Hoosier Beauties and will plant more next season. T. C. R.

Columbus, O.

Several local florists ran advertisements in a special "clean-up" edition of one of the Columbus newspapers. Clean-up week, May 1-6, was ushered in the previous Saturday by a monster municipal parade, in which the mayor marched, dressed in a suit of overalls and carrying a broom.

Harry Holbrook, architect, has awarded to the J. C. Moninger Company, Chicago, a contract for building the new S. S. Myers greenhouse plant at Bexley, a suburb of this city. The plant is to consist of three houses, 30x125 feet each, a boiler house and a workshop.

William Pitkin, Jr., Rochester, N. Y., has prepared extensive landscaping plans for "Beechwood," a large new addition north of Columbus, to be put on the market by the Dominion Land Company. Each lot will contain at least one of the virgin forest trees. J.

Los Angeles.

TRADE IN GENERAL SATISFACTORY.

Reports from dealers regarding the trade of Mothers' day, do not agree. While some state a good business was done in that line, others could see no appreciable difference in business that could be regarded as especially for Mothers' day. One salesman who came here direct from a Philadelphia florist says the sales for the special purpose of commemorating Mothers' day in Los Angeles cannot be compared with the sales in the former city. However, as it was, the supply of good white carnations was at a premium, and by Sunday they were out of sight. Next to carnations, roses had the best sale. Roses are reported scarce by some dealers, while others seem to have a good variety, unless it be in American Beauties. As the season advances, other flowers are coming in, so that in variety the dealers are now about at the height of the season. Ordinary business is still good in all lines. Some fancy American Beauty roses are being received from San Francisco.

NOTES.

Wright's Flower Shop, Inc., were showing some beautiful gloxinias. Another flower shown (while not new it is not common) is the pink flowering gypsophila. The flowers were extra large. Mr. Garland, of this establishment, was telling a fish story the other day. It did not relate to the size or number of trout caught, but to an empty gasoline tank, a stalled car and all that usually goes with such an exploit.

At Darling's Flower Shop, there appeared to be no special business that could be traced to Mothers' day, and no special effort was made to boost that particular trade, though all varieties of flowers sold well at that time. Darling's had the choicest American Beauties seen and they were also showing some fancy northern grown peonies.

The Redondo Floral Co. reports the busiest week since Easter. They report a scarcity of good roses. A special window decoration for Mothers' day attracted many who otherwise might have forgotten mother.

O. C. Saakes did a fine business for Mothers' day. He reported that white carnations of the indoor type hadn't been so scarce in years. Roses were in good demand. Daily sales fair.

Howard & Smith had only a fair trade Mothers' day, but have been having an unusually brisk business in funeral work the past week or two.

Broadway Florists report an immense business Saturday and Sunday in white and pink carnations. They had a good display of asters this week.

S. Murata & Co. report shipping business the biggest ever preceding Mothers' day, especially in carnations.

J. W. Wolters sold large quantities of roses and white and pink carnations for Mothers' day, and reports a good business then and now. G. H. H.

IRONWOOD, MICH.—A new flower shop has been opened here by Thos. H. Stanley.

MEMORIAL DAY

==CARNATIONS==

American Beauties, Ophelia, Russell, Hadley, Sunburst,
White and Pink Killarneys

Darwin Tulips, Peonies, Spiraea Japonica, Stocks, Narcissus Poeticus,
Sweet Peas, Longiflorum Lilies, Hardy Ferns, Asparagus, Galax.

SEND FOR PRICE LIST

ORDER EARLY

PAUL REGAN,
Manager

PATRICK WELCH

LAWRENCE FLYNN
Salesman

262 DEVONSHIRE STREET

Telephones, 2698 and 5948 Main

BOSTON, MASS.

Kansas City.

PLENTIFUL SUPPLY AND GOOD SALES.

Stock was plentiful and of good quality during the past week and some of it was disposed of at fancy prices. Mrs. Charles Russell, Sunburst and Ophelia took the lead in roses and the Killarneys, both white and pink, showed improvement over the previous week. Sweet peas are slowing up, but carnations are coming better. Peonies are of good quality and more plentiful and snapdragons are better than usual at this season. Pot plants are good sellers and made up baskets are very popular. Stock for Memorial day from all indications will be plentiful.

NOTES.

The sympathy of the trade is extended to the families and relatives of Patrick Larkin and Mrs. Charles Biederman, both of whom passed away last week. Patrick Larkin's death was the result of a fall from a motor car last fall. Mrs. Biederman, who had been a resident of this city for more than 50 years, died from a nervous affection at the age of 70 years.

The Hotel Muehlebach was the scene of the first amateur flower show ever held in this city, May 20. The ballroom was filled with a surprisingly fine exhibition, rich in both variety and quality. The exhibition was attended by over six hundred visitors who paid admission, and so successful was the show that it will become an annual event.

H. Kusik & Co. are handling quality stock in roses, carnations and peonies and clean up each day. They will have the largest supply in their history for Memorial day.

Wm. L. Rock Flower Co. reports trade good in all departments.

BEGONIA BEGONIA

Luminosa

Erfordii

SEEDINGS

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

Mention the American Florist when writing

The local trade were favored with two Mothers' days last week. In addition to the national day of observance, Billy Sunday requested all who attended his tabernacle on Friday to wear a carnation. His subjects for the day were "Motherhood" and "Repentance."

Ed. Humfeld reports record-breaking business. Mothers' day demand was heavy and his planting of the grounds at Electric park made a busy week.

Geo. M. Kellogg Flower & Plant Co., in addition to a good supply of stock in general, will be well supplied with peonies for Memorial day.

Arthur Newell had the decorations for two large out-of-town weddings last week. He looks for a wonderful Memorial day business.

T. J. Noll & Co. report good business with a very heavy shipping trade. Preparations are complete for a big Memorial day business.

Visitors: Robt. Newcomb, representing Vaughan's Seed Store, Chicago; Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia.

E. J. B.

ALTERNANTHERAS

Red and yellow, 2 1/4 in	Per 100
Cannas, well started 3 in	\$2.00
Geraniums, S. A. Nutt, 2 1/4 in. 3.00 3 in.	5.00
Asparagus Plumosus, 2 1/4 in.	2.00
Asparagus Sprengeri, 3 in.	4.00
Coleus, 10 varieties good stock	2.00
Giant flowering Pansies, \$1.50 per 1000. Fall transplant .....	.75
Choice mixed Verbenas, 2 1/4 in.	2.00
Petunias, May 10th, 2 1/4 in.	2.00
Salvias, good stock, 3 in.	4.00
—Cash—	

JOS. H. CUNNINGHAM, De'aware, Ohio

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
New York

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	\$1.00 each
Pyramids, 2 1/2 -ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3 1/2 -ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in. ....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

POEHLMAN

72-74 E. Randolph St.,



**A MESSAGE
FOR YOU**

Sunday, May 28th

will be a heavy shipping day.

OUR STORE WILL BE OPEN ALL DAY.

Beauties-Russell and Roses

Of All Kinds For Commencements and Weddings.

MEMORIAL DAY PRICE LIST—In Effect May 25th

ROSES		
AMERICAN BEAUTIES.		
Special	Per doz.	\$4.00
36 inches long		3.00
30 inches long		2.50
24 inches long		2.00
18 to 20 inches long		1.50
Short, per 100, \$4.00, \$6.00, and \$8.00.		
OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.		
Long	Per 100	\$8.00 to \$10.00
Medium		6.00
Short		3.00 to 4.00
CECILE BRUNNER OR SWEETHEART ROSE.		
Per 100		\$2.00

MRS. CHAS. RUSSELL.		
36 inches long	Per doz.	\$2.50
30 inches long		2.00
24 inches long		1.50
18 to 20 inches long		1.00
Short	per 100, \$4.00, \$6.00	
CARNATIONS.		
Fancy	Per 100	\$6.00
Medium		5.00
Short		3.00 to 4.00
CATTLEYAS	per doz.	\$9.00
CAPE JASMINE	per 100, \$3.00, \$4.00 to \$6.00	
VALLEY, \$3.00, \$4.00, \$5.00 per 100.		
PEONIES.		
Fancy pink and white	Per 100	\$8.00 to \$10.00
Medium		6.00
Small		3.00 to 4.00

MISCELLANEOUS CUT FLOWERS.		
Sweet peas (common)	Per 100	\$0.50 to \$ 0.75
Sweet peas (Spencer)		1.50
Lilies		8.00 to 10.00
Snapdragons	per doz.	1.00 to 1.50
Daisies		1.00 to 2.00
Mignonette		4.00 to 6.00
Pansies	per doz. bunches	1.00
MISCELLANEOUS GREEN GOODS.		
Mexican Ivy		\$0.75
Smilax	doz.	\$2.50 to 3.00
Sprenger and Asparagus Sprays		2.00 to 3.00
Leucothoe		.75
Adiantum		1.00 to 1.50
Galax (bronze and green)	per 1,000	1.50
Eastern dat ferns	per 1,000	3.50 to 4.00
Boxwood, per lb.	\$0.25	per case 7.50



*Better be safe
than sorry*

SPECIALLY MADE-UP MAGNOLIA WREATHS

18-inch, per dozen..... \$6.00 21-inch, per dozen.....\$9.00

SPECIALLY MADE-UP CYCAS WREATHS

21-inch, per dozen.....\$12.00

 You must mention this Advertisement to get the Specially Made-Up Memorial Day Wreaths at these low prices.

Glass Cemetery Vases

10-inch, per dozen..\$1.50; per bbl., 5 dozen..\$7.00
12 inch, per dozen. 2 00; per bbl., 5 dozen... 9.00
16-inch, per dozen. 3.50; per bbl., 2 dozen... 7.00

White and Green Enamel Vases

No. 1—Ht., 6¾, diam., 4¼; each, 20c; doz.\$2.00
No. 2—Ht., 6¼, diam., 3½; each, 15c; doz. 1.60

Sheet Moss, Fine Fresh Material

Per Bag, \$2.00.

Short Cycas Leaves

\$1.25 per 100



N BROS. CO.

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high...	\$ 4.50
4 inch pots 5-6 16-18 inch high...	Each .40
6 inch pots 6-7 24 inch high...	1.00
6 inch pots 6-7 28-30 inch high...	1.50
6 inch pots 6-7 32-34 inch high...	2.00
8 inch tubs 6-7 36-38 inch high...	3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high...	\$ 4.50
4 inch pots 5-6 18-20 in. high, ea.	.40

Leaves	Each
6 inch pots 6 28-30 inch high...	1.00
6 inch pots 6-7 34-36 inch high...	1.50
8 inch tubs 6-7 5 feet high...	6.00
10 inch tubs 6-7 5½ feet high...	8.00
10 inch tubs 6-7 5½-6 feet high...	10.00

FOSTERIANA MADE-UP PLANTS

Plants	Each
7 inch tubs 3 36 inch high...	2.50
8 inch tubs 4 38-42 inch high...	3.50
8 inch tubs 4 48-50 inch high...	5.00
8 inch tubs 4 52-54 inch high...	6.00
10 inch tubs 4 5 feet high...	8.00
12 inch tubs 4 60-64 inch high...	10.00
12 inch tubs 4 6½ feet high...	12.00
15 inch tubs 4 5½-6 feet high...	15.00
15 inch tubs 4 6-6½ feet high...	\$18@20

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.,	\$3.50
Inch Spread	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracaena Godseffiana, \$6.00 per 100.	Each
Dracaena Lindenii, 6-in.	\$1.25
6 inch pots Dracaena Massangeana.	Each
..... \$1.25; 7 in.,	\$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.	\$1.00
8 inch tubs, 5 plants, 44-48 in. high.	\$4-4.50

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½-INCH GRAFTED AND OWN ROOT ROSE PLANTS

	Grafted 1000	Own Root 1000
Russell	\$120.00	None
Killarney		\$56.70
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	\$56.70

	Grafted 1000	Own Root 1000
Milady	\$100.00	
Ward	100.00	56.70
Richmond	100.00	56.70

	Grafted 1000	Own Root 1000
Cecile Brunner	\$100.00	\$56.70
Elgar (Special Only)	100.00	
Francis Scott Key	110.00	63.00

SPRING BEDDING PLANTS

	100	1000
Alternantheras, red and yellow and Brilliantissima	\$ 2.50	\$23.00
Alyssum, Sweet, 2½ in.	2.50	20.00
Ageratum, Blue Dwarf, 2½ in.	2.50	
3 in.	5.00	
Begonia Luminosa and Vernon, for bedding, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Begonia Chatelaine, 2½ in.	3.50	
3 in.	8.00	
4 in.	15.00	
Caladiums, fancy leaved, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.		
Dusty Miller, for border, 2½ in.	2.50	23.00
Geraniums, the best and most popular bedding varieties, pots in bloom, 4 in.	8.00	\$0.00
Extra strong, 4 in.	10.00	
Rose Geraniums, strong, 2½ in.	3.00	
Rose Geraniums, strong, 3 in.	5.00	
Heliotropes, 2½ in.	2.50	
3 in.	5.00	
4 in.	10.00	
English Ivy, 2½ in.	3.00	
4 in.	15.00	
Strong, 5 in.	\$20.00 to 35.00	
German or Parlor Ivy, 2½ in.	2.50	
3 in.	5.00	

	100	1000
Lobelias, for bedding and hanging baskets, Lobelia Speciosa, Crystal Palace and Bedding		
Queen, 2½ in.	2.50	22.00
Marguerites, Mrs. F. Sanders, 2½ in.	3.00	
3 in.	5.00	
4 in.	10.00	
Marigold, Double, 3 in. pots.	5.00	8.00
4 in. pots.	8.00	
Pansies, best German strain, in bloom	2.50	25.00
If wanted in baskets, an additional price will be charged to cover cost of same.		
Primulas Grandiflora and Giant tea strain, only the choicest varieties, summer delivery, 2½ in.	3.00	
Phlox Drummondii, all colors, 2½ in.	2.50	23.00
3 in.	5.00	
3 in., all colors.	5.00	45.00
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Recinus (Castor Oil Beans), red foliage, strong, 4 in.	12.00	
Salvia Bonfire and Zurich, from cuttings, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	

	100	1000
Smilax, strong new stock, 2½ in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fournieri, Blue, 2½ in. pots	2.50	
3 in. pots	5.00	
Vinca Rosea and Alba, 2½ in.	2.50	
Vinca Minor (Hardy Grave Myrtle), 3 in.	6.00	
Vinca, variegated and green, for boxes and vases, 2½ in.	2.50	23.00
4 in.	\$12.00 to 15.00	
Verbenas, all colors, 2½ in.	2.50	23.00
Wandering Jew, Zebra and White Variegated, for hanging baskets, 2½ in. pots.	2.50	
Asparagus Sprengeri, 2½-in. pots	2.50	
Nasturtium, 3 in.	5.00	

For Decoration Day

Hydrangeas—50c, 75c, \$1.00, \$1.50, \$2.00 each; larger specimen, \$3.50 to \$5.00 each.
Cyclamen—3 inch, \$8.00 per 100.
Calceolarias—35c and 50c each.
Fuchsias—5c and 12c each.
American Beauty—5½ and 6-inch (just right for Memorial Day), 35 cents to 50 cents each.

CHRYSANTHEMUMS

PINK—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
McNiece	\$2.50 \$22.00 \$2.75 \$27.00
Enguehard	2.50 22.00 2.75 27.00
Maud Dean	2.50 22.00 2.75 27.00
R. E. Loeben	2.50 22.00 2.75 27.00
Patty	2.50 22.00 2.75 27.00
Wells Late Pink	2.50 22.00 2.75 27.00
Chieftain	2.50 22.00 2.75 27.00
WHITE—	
October Frost	\$2.50 \$18.00 \$2.75 \$25.00
Vir. Poehlmann	2.50 18.00 2.75 27.00
Chas. Razer	2.50 18.00 2.75 25.00
Ellie Papworth	2.50 18.00 2.75 25.00
W. H. Chadwick	2.50 18.00 2.75 25.00
Timothy Eaton	2.50 18.00 2.75 25.00
Lynwood Hall	2.50 18.00 2.75 25.00
Smith's Ideal	2.00 2.75
Alice Salomon	2.00 18.00 2.75 25.00
White Chieftain	4.00 38.00 5.00 48.00
BRONZE—	
O. H. Kahn	2.00 18.00 2.75 25.00
RED—	
Schrimpton	2.00 18.00 2.75 25.00

CHRYSANTHEMUMS

YELLOW—	Rooted Cuttings 2½-in. plants
	100 1000 100 1000
Golden Glow	\$2.00 \$18.00 \$2.75 \$25.00
Chrysolora	2.00 18.00 2.75 25.00
Yellow Eaton	2.00 18.00 2.75 25.00
Yellow Salomon	2.00 18.00 2.75 25.00

POMPONS

WHITE—	2½-in. plants
	100 1000
Kemmitt (medium double)	\$3.50 \$32.00
YELLOW—	
Krut (large early)	\$3.50 \$32.00
Mike Gabel (large)	3.50 32.00
Skibo (early bronze & yell. button)	3.50 32.00
Big Baby (button)	3.50 32.00
Madge (large)	3.50 32.00
Klondyke (large)	3.50 32.00
Quinola (bright late yellow)	3.50 32.00
Baby (small button)	3.50 32.00
PINK—	
Lillian Doty	\$3.50 \$32.00
Queen Marie	3.50 32.00

POMPONS

BRONZE—	2½-in. plants
	100 1000
Madam La Porte	\$3.50 \$32.00
Mrs. Frank Beu	3.50 32.00
RED—	
La Gravera	\$3.50 \$32.00

BOXWOODS

	Each
12-in. in burlap, 30c; in tubs or pots.	\$0.55
15-in. in burlap, 40c; in tubs or pots.	.75
18-in. in burlap, 50c; in tubs or pots.	.85
2 feet in burlap, \$1.75; in tubs.	2.00
2½ feet in tubs	2.00
12x12 in. tubs	3.00
Stevia—Fine 2½-in., \$20.00 per 1000.	
New Pink Snapdragon, 2½-in., \$6 per 100.	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.	
Table Ferns, 2½-in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.	

FLOWERS FOR MEMORIAL DAY

ROSES, Our Selection

In lots of 500 or more at rate of \$40.00 per 1000

PRICE LIST—In Effect May 26th

American Beauties		Per doz.
Specials, extra long stem.....		\$4.00
Extra long stems, seconds.....	\$1.50 to	2.00
Medium stems.....	1.50 to	3.00
Shorter lengths.....	.50 to	1.00

Rhea Reid--Ophelia--Sunburst		Per 100
Extra long		\$10.00
Medium.....	\$6.00 to	8.00
Short		5.00

White and Pink Killarney--Killarney Brilliant--Richmond--Shawyer		Per 100
Long.....		8.00
Medium.....		6.00
Short.....	\$4.00 to	5.00

Mrs. Chas. Russell.		Per 100
Extra long.....	\$15.00 to	\$20.00
Medium	8.00 to	12.00
Short.....		6.00
Cecile Brunner.....	per bunch, 50c	

Carnations		Per 100
Red and White, extra fancy.....		\$6.00
Pink.....		5.00
LILY OF THE VALLEY.....		\$5.00
ORCHID-FLOWERING SWEET PEAS.....	\$.75 to	1.50
ASPARAGUS SPRAYS and SPRENGER.....		3.00
FERNS, Eastern	per 1000, \$3.00 to	\$4.00
ADIANTUM.....		\$1.00 to 1.50
GALAX, bronze and green.....	per 1000, \$1.25 to	\$1.50

ROSES in lots of 500 or more at the rate of \$40.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN,

LONG DISTANCE PHONE:

CENTRAL 1457.

OFFICE AND STORE

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

MANY MEMORIAL DAY ORDERS BOOKED.

Stock of all kinds with one or two exceptions is very plentiful and the retailer now has a splendid variety to select from at reasonable prices. Lily of the valley is scarce and cleans up at an early hour each day at high figures. Orchids are in better supply, but still command high prices and there is just about enough to fill all the orders that are booked. Gardenias are in fair supply and the first Cape Jessamines of the season made their appearance this week. Roses of all kinds are seen in large quantities at all of the stores and are to be had in large lots at very reasonable prices. Mrs. Chas. Russell are being received in large quantities but are in good demand and clean up fairly well every day at prices that could be much better. The receipts of American Beauty roses are fairly large and there are more than enough to go around. Some especially fine Sunburst, Ophelia, Mrs. Aaron Ward, Mrs. George Shawyer, Milady, Rhea Reid, and Richmond are seen and the same holds good for Killarney, Killarney Brilliant and White Killarney. Carnations are in good supply, but move nicely each day at fair prices, especially in the better grades. Sweet peas are plentiful and in good demand. Peonies are seen in large quantities and are selling well. Cut lilac is plentiful and in brisk demand. Some especially fine Mrs. Francis King, America and Augusta gladioli are being offered, but are not having much of a call. Miniature gladioli are moving freely. Snapdragons, mignonette, Double White narcissi, lupines, tulips, daffodils, jonquils, daisies, corn flowers, pansies, forget-me-nots, violets, Spanish irises,

candytuft, lilies, callas, swainsonas, gypsophilas, calendulas, trailing arbutus and other miscellaneous stock is to be had and comes in handy for basket work, window displays and funeral work. Trade the past week as far as the city is concerned, was very quiet and the call was principally for funeral work which was about all that

the retail florists especially in the loop report any kind of a demand for. The expressmen's strike has affected the shipping trade more than anyone had any idea it would and many complaints have been heard from all sides on non-delivery of packages, poor condition of stock on account of delayed shipments, etc., but shipments are

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Heavy Memorial Day Supply Roses---Peonies---Carnations Double White Narcissus, Etc.

Do not take any chances of being disappointed. We have what you want when you want it and can fill your needs where others fail. Protect your supply by ordering here.

Chicago's Largest Dealers in Decorative Greens

BIG SUPPLY OF ROSES

For Memorial Day

You Can Get What You Want Here In

American Beauties **Mrs. Chas. Russell**
Milady **Richmond**
Killarney **White Killarney** **Sunburst**
My Maryland **Ophelia**

Our prices for Memorial Day are very reasonable when the exceptionally fine quality of the roses that we are offering is considered. Send us your order as early as possible and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Extra fine Red, White and Pink at \$5.00 to \$6.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Memorial Day Price List.

AMERICAN BEAUTIES—		Per doz.	MRS. CHAS. RUSSELL—		Per doz.
Extra long stems		\$5.00	Specials		\$3.00
48-inch stems		4.00	Select		2.50
36-inch stems		3.00	Medium		\$1.50 to 2.00
30-inch stems		2.50	Short .....		.75 to 1.00
24-inch stems		2.00		Per 100	
20-inch stems		1.50	Roses, our selection.....		\$4.00
15-inch stems		1.00	Carnations, fancy		5.00 to 6.00
Short .....		.75	Harrisii		\$12.50 to 15.00
Richmond.....			Peonies		6.00 to 8.00
Killarney.....			Valley		4.00 to 5.00
White Killarney.....			Sweet Peas .....		.75 to 1.50
My Maryland.....	Extra select.....	\$10.00	Adiantum		1.00
Sunburst.....	Select	8.00	Asparagus, per bunch.....		.50 to .75
Ophelia.....	Medium	\$5.00 to 6.00	Ferns, per 1,000.....		\$3.50 .40
Milady.....	Short	4.00			

2,000,000 Feet of Modern Glass

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St.,

Long Distance { Central 2846,
Phones: { " 601,

CHICAGO

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Place Your Late Orders With Us For Memorial Day And You Will Not Be Disappointed.

Memorial Day Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

RICHMOND

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

SUNBURST.

	Per 100
Extra Special	\$8.00
Select	7.00
Fancy	6.00
Good	\$4.00 to 5.00

GEORGE ELGAR35c per bunch

ROSES, OUR SELECTION \$4.00

CARNATIONS.

	Per 100
Fancy	\$6.00
Good	4.00

LILIES.

Fancy\$12.50 to \$15.00

Miscellaneous.

Peonies	\$5.00 to \$8.00
Ferns, per 1,000.....	\$3.50
Smilax, per doz.....	2.50
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

going out in more regular style now than the earlier part of last week when everything was topsy-turvey and nobody knew just where they were at. It was almost impossible to get incoming express from the depots in anywhere decent time, consequently stock suffered considerably on account of the delay and was scarce at times, especially green goods and more particularly southern asparagus, which does not arrive in any too good a condition on schedule time. Considering the strike, the florists have been more fortunate than dealers in other lines and conditions might have been a whole lot worse. Everyone is hoping for an early settlement of the strike, for it is causing a lot of extra work and much inconvenience and the out-of-town customers should have a little patience for everyone of the dealers is giving the best possible service he can under the existing conditions. From present indications it appears as if there will not be any too much stock for Memorial day and everyone is advised to place their orders well in advance so as to insure their supply. The buyers would greatly oblige their dealers by ordering at as early an hour as possible during the strike so that all trains can be made and the shipments can go out on time.

NOTES.

The expressmen's strike is still on, but it appears as if it will soon be over. The florists are having practically normal service, and the out-of-town buyers can safely send their orders to this market with the assurance that they will be taken care of as well as before the strike. The trade can thank Fred Lautenschlager, of Kroeschell Bros. Co., for the splendid service that has been organized, and which is the best there is in the city today. Both outgoing and incoming shipments are being taken care of promptly, and the members of the trade are fully aware of what Mr. Lautenschlager has done for them as manager of the committee appointed to look after the affairs in regard to this service.

Miss V. Diamesis, 4448 Racine avenue, and John Canger, of Mangel & Co., the Palmer House Florist, will be married some time next month. Mr. Canger has a host of friends in the trade here who are all pleased to hear that he is going to join the ranks of



You Need 'Em For Memorial Day

Extra good value and dandy sellers.

MAGNOLIA WREATHS

16-in., \$1.00 each; 20-in., \$1.50 each; 25-in., \$2.00 each; 30-in., \$2.50 each.

SPECIAL BRAND AND A BIG BARGAIN

CUT FLOWERS FOR MEMORIAL DAY

Large supply of Roses, Carnations, Calendulas, Spanish Iris, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas.

PEONIES—GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

the benedicts and wish him every success and jokingly add "may all his troubles be little ones."

Daniel Branch, 313 East Fifty-first street, is minus a five-passenger Ford, which some one stole from him Monday morning, May 22, when he left it standing for a few minutes at the corner of State and Adams streets while he was making a call. He promptly notified the police of his loss but so far the machine has not been located.

Joseph Kohout, who operates a range of 35,000 feet of glass at Libertyville, is also manager of the Meredith greenhouses, consisting of about 45,000 feet of glass, which is being planted principally to roses this year. The two places are only about two miles apart, so Mr. Kohout is able to superintend both of them very nicely.

The Association of Commerce wants each citizen to lend a hand in making the city more beautiful with window boxes. The campaign slogan is: "One mile of flower boxes; a good business as well as a good civic investment."

The Raedlein Basket Co. delivered most of its out-of-town orders by parcel post and freight during the expressmen's strike last week and succeeded in getting only a few shipments through by express.

Joseph Ziska & Sons have a large stock of tissue paper on hand and are not worrying about any advance in

prices on this item. Abie Kabibble was a visitor at their store this week.

Henry Weinberg has been bringing in the Batavia Greenhouse Co.'s stock to O. Johnson in his automobile since the strike started, and covers the distance of 40 miles in about two and one-half hours.

Dominick E. Freres is supplying his customers as well as many of the wholesalers with a fancy grade of Asparagus Sprenger, which he is receiving in quantity every day.

Erne & Klingel are handling a fine grade of peonies in all the seasonable varieties and have a good supply to offer for Memorial day.

Chas. W. McKellar recovered sufficiently from his recent illness to visit his store Saturday, May 20, for a few hours.

Meyer & Dramm of Elmhurst have placed an order with Kroeschell Bros. Co. for a three-ton ice machine.

M. C. Gunterberg is handling a good supply of geraniums in addition to her regular line of cut flowers.

August Dresel, with Graff & Dresel, 2135 Clybourn avenue, is serving on the jury this week.

Joseph Weis, Jr., 3445 Southport avenue, has just purchased a five-passenger Ford.

Joe Bieber and wife leave next week to spend the summer at Point Place, O.

The Tribune building is being all dolled up again with window boxes.

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

HEAVY SUPPLY-ORDER HERE

Peonies--Roses--Carnations--Lilies--Etc.

Memorial Day Price List

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy.....	8.00
" good.....	5.00 to 6.00
" short.....	4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Roses, our selection.....	4.00

Orchids.

Cattleyas	per doz., \$9.00
-----------------	------------------

Carnations.

	Per 100
Special fancy white	\$6.00
Red and pink	5.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Easter Lilies.

	Per 100
Select	\$15.00
Shorter	\$10.00 to 12.50

Miscellaneous.

	Per 100
Callas	\$12.00 to \$15.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Jonquils	3.00 to 4.00
Cape Jasmine	1.50 to 3.00
Spanish Iris	4.00 to 6.00
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus....per string.	\$0.50
Asp. Plumosus Sprays..bunch.	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 4.00
Galax Leaves	per 1,000, 1.00

The Chicago Flower Growers Association



WHOLESALE GROWERS & CUT FLOWERS AND PLANTS



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

LARGE SUPPLY

CUT FLOWERS for MEMORIAL DAY

Complete line at reasonable prices. Refer to our advertisement in May 20 issue, The American Florist, Page 950.

Poehlmann Bros. Co. filled all their shipping orders on good time since the strike started, but under great inconvenience, and so far there have been practically no complaints whatever to speak of. August Poehlmann has been giving the store force a lift during the rush, and can make the younger generation step pretty lively when it comes to loading up empties on their big trucks. T. E. Waters reports a good demand for supplies for Memorial day, especially made-up magnolia wreaths, etc.

A. L. Vaughan & Co. are looking forward toward a banner Memorial day trade, for orders were never so plentiful before so early in the week, and they never had such a good supply of stock to offer as they have this year. Peonies are arriving in large

PEONIES--JASMINE--GERANIUMS

Plenty of Stock—Write for prices on what you need.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

quantities at this house, and they will be right in the midst of a heavy crop for the big day.

W. J. O'Carroll, of the University of Chicago Botanic Garden, recently scored 97 for experience and efficiency, special subjects 95, in civil service examination for head gardener, St. Paul, Minn., park department. Although first on the list Mr. O'Carroll has decided not to take the vacancy.

John G. Witt & Son will add two houses, 20x126 feet, to their range this

season, and already have the material on the ground ready to start work. They have had wonderful success since they started in business about a year ago, during which time they have built up a nice trade.

O. A. & L. A. Tonner are all ready for the Memorial day trade with a complete line of cut flowers and supplies, and are particularly strong on made-up magnolia wreaths, which are worth every cent they are asking for them.



WE are prepared to take care of your orders any time for Peonies, Roses, Carnations, Cape Jasmine, Gladioli, Baby Gladioli, Lilies, Callas, Snapdragons, Sweet Peas, Mignonette, Greens, Etc. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Orlando Ofield, manager of M. Ofield & Sons, wholesale florists at Grimsby, Ont., and A. A. Savory, his shipping clerk, have been visiting the large greenhouse establishments in this vicinity for about a week, leaving May 22 for Richmond, Ind., to visit the E. G. Hill Co.'s range. Ofield & Sons have about 250,000 feet of glass and are turning their carnation range into roses and Messrs. Ofield and Savory's mission here was to secure stock for same. They are having splendid success with Hadley, Mrs. Chas. Russell and Mrs. George Sawyer roses, and will grow Ophelia on a large scale next season.

Wietor Bros. are having a brisk demand for chrysanthemum stock, but are unable to fill their shipping orders as quickly as they would like to, owing to the strike, which has made conditions such that it is almost impossible to get anything through except cut flowers. They are in good crop with Sunburst roses and carnations, and have a large supply for Memorial day.

Bassett & Washburn have been doing a good part of their shipping direct from the greenhouses during the strike, and so far have managed to take care of all their out-of-town customers in good shape. Mr. Washburn is dividing his time between the store and greenhouses, consequently he is about as busy as can be.

Peter Reinberg has booked a large number of orders for Memorial day, according to Felix Reichling, who expects that stock will clean up in all lines before the rush is over. The expressmen's strike is interfering some with the shipping trade, but all orders are being filled and delivered on time under great difficulties.

A. T. Pyfer & Co. are strong on roses and carnations for Memorial day, but the demand is so heavy for same that a grand cleanup is expected in all lines. The shipping trade keeps up splendidly at this house, and new customers are being constantly added to their list.

The George Wittbold Co. will have a pretty store when the new structure is completed, and it will be one of the most modern in this section of the country. The Wittbold flats are progressing very favorably, and work on another wing will be started this week.

Zech & Mann never had a larger or finer supply of sweet peas and Mrs.

Chas. Russell roses to offer than they have right now. Allie Zech is looking forward to a brisk Memorial day trade, for orders already are numerous, and each mail brings in more.

Percy Jones is booking a nice lot of orders for Double White narcissus for Memorial day, which he is handling in quantity. Green goods of all kinds are handled on a large scale here, and the principal offering this week is a fancy grade of ferns.

Phil Broadbeck is busy repairing his benches and will start planting his roses this week. He will stick to the growing of Richmond, Killarney and White Killarney, and will endeavor to make them as gas-proof as possible.

Mangel, the Palmer House Florist, will open a branch store in the new Edgewater Beach Hotel in the near future. Buchbinder Bros. have the contract for the fixtures, including the refrigerator.

A. Lange has several wedding orders booked for next month, which will call for a large supply of stock. Manager R. J. Mohr says that lilac is unusually fine this year and sells splendidly.

J. A. Budlong is cutting a good supply of short stemmed Mrs. Chas. Russell roses. Budlong's have had an unusually good year and are in good crop with roses for Memorial day.

The George Wittbold Co. has placed an order with Buchbinder Bros. for a large refrigerator to be installed in their new store on Buckingham place as soon as it is completed.

The Ohio Floral Co. has opened a store on the second floor of the Ohio building, and have 3,000 feet of floor space. They are advertising "take the elevator and save half."

The Chicago Flower Growers' Association is handling a fine supply of roses and carnations, and will have a large quantity of choice peonies to offer for Memorial day.

Anton Then will not sell his new red carnation, as he first intended to, but will disseminate it himself with the aid of his son John, the originator.

Hoerber Bros. are growing a large quantity of miscellaneous outdoor flowers this season and cut their first gypsophila last week.

Eddie Hauswirth, who recently opened a store at 220 West Berry street, Ft. Wayne, Ind., was a visitor May 18.

O. J. Friedman is offering a good supply of dwarf Japanese pines, which are proving to be ready sellers.

Mrs. Irene Williams, of the Atlas Floral Co., is happy as a lark these days. Ask her why!

Peter Srocyniski, 1523 North Hardwing avenue, is advertising his store and greenhouses for sale.

Peacock's Flower Shop, 4013 Milwaukee avenue, has a new panel top Vim delivery car.

Visitors: Mrs. Alois Frey, Crown Point, Ind.; C. C. Taylor, with Kentucky Tobacco Products Co., Louisville, Ky.; Ed. Warendorff, New York; Edward Amerpohl and wife, Janesville, Wis.

Cincinnati.

MEMORIAL DAY PROSPECTS GOOD.

From present indications the supply for Memorial day will be large. Up to the first of this week unusually heavy orders for this day had been placed with the wholesalers. Peonies are coming along in great shape, and the first of next week should see the cut of early ones at its best. The cut of Easter lilies, too, is very heavy. Roses, of all kinds, and carnations are in a good supply. Large quantities of Cape Jasmynes are coming into the market. The supply of gladioli is fair and meets with a good demand. Outdoor sweet peas may be had; the first came in May 17. Corn flowers have been meeting with an active demand. Lily of the valley and orchids are in a fair supply. Other offerings include snapdragons, callas and irises. Smilax is plentiful.

NOTES.

P. J. Olinger suffered a \$4,000 loss from fire at his greenhouses at New-castle, Ind., early Sunday morning, May 21. The flames leveled the manager's home and the barns, and destroyed an automobile and wagons. The loss was covered by insurance. The blaze started during the absence of the manager, Fred Brueggemann, when the latter was in Cincinnati.

C. E. Critchell has been having an excellent lot of American Beauties.

Gus Adrian has been very busy with the spring bedding season.

Visitor: Wm. Gardner, Richmond, Ind. H.

WILKES-BARRE, PA.—William Banks, formerly of Pittston, and George Rogers of this city, have formed a partnership and will open a flower store at 45 Montgomery street.

U S Budlong's
E Blue Ribbon Valley.

FOR YOUR WEDDINGS

A big cut of Russell, Ophelia, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprengeri, Adiantum, as well as other Seasonable Stock and Greens.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

PEONIES = ROSES

In Large Supply for Memorial Day

ALSO CARNATIONS, NARCISSUS POETICUS, JASMINE, LILIES, ETC.

We are filling all shipping orders during the local expressmen's strike and making all trains but you can assist us a great deal by giving us your orders at as early an hour as possible.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 E. Randolph St.,

L. D. Phone Randolph 6578

CHICAGO, ILL.

Cleveland.

DEMAND REMARKABLY GOOD IN ALL LINES.

The demand for stock still keeps up remarkably well in all lines. Sweet peas have been more plentiful and of good quality with carnations short of the demand, but roses are good and arrive in plentiful supply with the possible exception of white, of which color not quite enough to meet requirements are arriving at the present. A few days of sunshine will remedy this however. Lily of the valley is poor and scarce. Swainsonas are used freely and lilac is moving fairly well. Spanish iris in all colors is now arriving. Tulips are becoming quite small. Snapdragon cleans up daily, as does Halley and America gladioli, which are both of excellent quality. Local peonies are not expected to cut much of a figure for Memorial day as probably only a few of the early red varieties will be open on time. Local wholesalers are preparing, however, to take care of the trade for this day by having southern stock. Of roses there is going to be a good supply, while carnations will not

be over plentiful. Local outdoor stock is not expected on time. Greens are plentiful.

NOTES.

Henry Taylor, carnation grower, of 4141 East One Hundred and Sixteenth street, has sold his range of greenhouses to Thos. Lisy, formerly of 4290 East Ninety-ninth street.

Hundreds of young women sold flowers on the streets of Cleveland Sunday, May 21, for the Jewish national fund. A cup is to be awarded to the team getting the most money.

Spring blooms were sold in large numbers to "baseball fans" at the ball grounds May 21, Cleveland ball players being termed "spring blooms" by an eastern manager.

L. F. Darnell and wife have returned from a long vacation trip through the southern states. Both are looking and feeling fine. He says he has come back to stay.

A. M. Coe, of North Olmstead, O., has been cutting some of the best Ward, white, yellow and pink snapdragon ever seen on the Cleveland market.

The Cleveland Florists' Exchange has put on an automobile delivery car to take care of the deliveries. Another car will be added shortly.

Timothy Smith, 4600 Euclid avenue, has been incorporated under the laws of the state of Ohio.

Hammond Bros. are cutting a fine lot of sweet peas. C. F. B.

Toronto.

IMPROVED DEMAND AND GOOD SUPPLY.

Trade has shown a marked improvement during the past two weeks and stock is in the best of condition. In roses, American Beauty, Lady Alice Stanley, Ophelia, Russell and Hoosier Beauty are all grading up splendidly, Mrs. George Shawyer being the only variety where the stock is not clean and vigorous. Carnations are of good quality but are not plentiful. There is an ample supply of orchids and lily of the valley. Mothers' day was a decided success and sales showed considerable increase in volume over all former years. Car-



HANGING BASKETS

Ferneries on Stands—Jardinières for the Sun
Parlor, Porch and Arbor—Window Boxes.

Bridal Staff Baskets
Shepherd's Crooks
Bride's Staffs, Etc.

If you have not already received one of our illustrated circulars send for it today. You should never be without one.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.

nations of course had the first call, but sweet peas, lily of the valley, roses, and in fact all other flowers found ready sale and the market cleaned up early. Seedsmen, nurserymen and plantsmen are all busy and the shortage of labor in all lines is making considerable night work necessary to keep up with orders. The planting of pansies and daisies has begun and the parks and the parliament grounds are ablaze with beds of tulips. Forsythias are coming out nicely and most of the stock has wintered well.

NOTES.

The shortage of geraniums last season has had the usual effect and more than three times the number have been grown this year, but this condition will doubtless be relieved by shipments to surrounding territory. Frank Doffert has them as they should be grown, and has been finding ready sale for them, receiving as high as \$4 per dozen for stock in 5-inch pots.

The retailers are on the move. J. S. Simmons & Son will leave their present location about June 1, and will locate at the corner of Yonge and Elm street where they will have commodious and up-to-date quarters. J. J. Higgins opened at 256 Yonge street for Mothers' day and reports excellent business.

The vacant lot gardens, which are being looked after by the Rotary Club, have already been started. Applications for space to the number of 166 have been received, among them 64 from returned soldiers, and all indications point to much interest in the movement this year. H. G. D.

Fort Wayne, Ind.

Brisk buying characterized the market during the past week. Dark weather has caused a dearth of stock, funeral work has been heavy and numerous weddings were factors. There is a steadily increasing demand for bedding plants and outdoor planting in general has been increased by the city beautiful campaign. The supply of roses, with the exception of American Beauties, is very moderate, Russell and Shawyer being in the largest supply.

Peonies are appearing in small numbers. The trade is looking forward to a good Memorial day business and hoping for favorable weather.

NOTES.

Miss Mildred Flick, of the Flick Floral Co., was a recent visitor at Toledo, O., the guest of Miss Helen Patten of the Patten Floral Co., of that city. Miss Patten, who has recently purchased a new touring car, reports excellent business.

City Forester Carl J. Getz and the park superintendent have begun the work of beautifying the grounds surrounding the municipal lighting plant. Extensive planting of ornamental shrubbery is under way.

W. J. & M. S. Vesey had their annual rose sale last week, which proved a great success, many thousand plants being sold.

Visitors: A. F. Longren, representing Poehlmann Bros. Co., Chicago; I. M. Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia. H. K.

Northampton, Mass.

A striking glow was noted in Butler & Ullman's show window last week. The cause was a display of Sweet Pea Robert Sydenham. The effect was to make everybody stop and take notice. Another fine attraction was a mound of Cattleia Mossiae. Phlox Drummondii and single dianthus have been added to the usual line of cut flowers and immediately made friends. Mr. Butler reports a largely increased business for Mothers' day. There is also a growing demand for hardy herbaceous perennials, and a splendid stock of seedlings coming along at the greenhouses would indicate that this enterprising firm is starting a preparedness campaign in earnest.

E. J. Canning has had a very busy planting season, and big gaps in his nursery show that quantities of trees and shrubs have been disposed of. In transporting these he says he could not get along without "Henry." More space is being devoted to growing perennials, and beds have been arranged to show them to advantage. Each season finds his business in these



THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

plants increasing. Last year he erected a greenhouse for their propagation and now has a good stock of young plants ready to go out into the field.

H. E. D.

ST. MATTHEWS, KY.—The New Nanz & Neuner Co. has completed rebuilding at their range here.

WICHITA, KANS.—Ralph Culp, of W. H. Culp & Co., has issued two excellent booklets entitled "Cut Flower and Floral Specialties" and "For Spring Planting," which his firm is distributing to advantage among its customers.

NEW CROP

Fancy Ferns.....\$1.35 per 1000
Dagger Ferns.....1.15 per 1000
Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss.....3.50 per bag
Huckleberry Foliage.....\$2.50 per case
Lyrata (Evergreen Oak Foliage).....2.50 per case
Edward A. Beaven, Evergreen, Ala.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

S. ENOMOTO

T. HONDA

Enomoto & Co., Inc.

Wholesale Florists

35 ST. ANNE ST., off Bush St. near Kearny
Phone: Douglas 4295 SAN FRANCISCO, CALIF.

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

NEW KIND OF

Double Shasta Daisies

S. MURATA & CO., Oldest and Most Experienced
Shippers in Southern California.
751 S. Broadway, Los Angeles, Calif.

Wholesale Flower Markets

Chicago.

MEMORIAL DAY PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	75@ 3 00
Per 100	
" Beauty, short.....	\$4 00@ 6 00
" Hoosier Beauty.....	4 00@12 00
" Killarney Brilliant.....	4 00@10 00
" Killarney.....	4 00@10 00
" White Killarney.....	4 00@10 00
" Richmond.....	4 00@10 00
" Prince de Bulgaris.....	4 00@10 00
" Rhea Reid.....	4 00@10 00
" My Maryland.....	4 00@10 00
" Mrs. Geo. Sawyer.....	4 00@10 00
" Milady.....	4 00@10 00
" Sunburst.....	4 00@10 00
" Mrs. Aaron Ward.....	4 00@10 00
" Hadley.....	4 00@10 00
" Ophelia.....	4 00@10 00
" Double White Killarney..	4 00@10 00
" Mrs. Moorfield Storey....	4 00@10 00
" Cecile Brunner.....	2 00@ 3 00
" George Elgar.....	2 00@ 3 00
" Fireflame.....	4 00
" Our selection.....	4 00
Carnations.....	5 00@ 6 00
Cattleyas.....per doz., 9 00	
Gardenias.....per doz., 3 00@ 4 00	
Jonquils.....	1 00@ 3 00
Peonies.....	4 00@ 8 00
Tulips.....	3 00@ 4 00
Lilium Harrisii.....	12 50@15 00
Mignonette.....	6 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 5 00
Adiantum Croomianum.....	1 00@ 1 50
Snaptagons.....per doz., 75@1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Calendulas.....	3 00@4 00
Ferns.....per 100, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumous Strings.....each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprengeri, Plumous Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

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EXTRA LONG NEW DAGGER FERNS

Booking orders now—Special Prices in case lots. The Best Ferns you have ever used so early in the season.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SUPPLY AND DEMAND BALANCE.

Since the full shipments of Mothers' day, stock has been scarce, nearly all lines selling up as fast as they arrive. There has been a rather light demand which has kept things even. Had Mothers' day been Sunday, May 21, there would have been great difficulty in filling orders. The growers report that the warm weather of two weeks ago brought out the buds that were set, and that now quite a lot of items, particularly carnations, are off crop. The roses are about equal to the demand with very good quality for the season. There are still plenty of Easter and calla lilies; they are not bringing fancy prices. Gladioli are now quite a factor and some very good flowers are seen. Sweet peas are still in good shape and sell as well as anything on the list. Cattleyas are more plentiful and there is a fair supply of lily of the valley. Southern peonies are in but the quality is below the standard of the local stock, which is just commencing to show color in sheltered situations. Whether there will be anything in this line for Memorial day depends on the weather, six, warm, soft days will be necessary to bring any kind of a showing. On Saturday, May 20, there was a very good demand for flowers for May day in the Catholic churches, when each girl in the various processions was expected to carry a bunch of flowers.

NOTES.

In speaking of the peony situation, Leo Niessen reports that if the weather is at all favorable there will be a lot of peonies by May 27, hardly any of which will have seen the ice box. There are quite a number of growers in Virginia who have gone into peony growing and even with continued cool weather most of this stock will be at its best by that time.

There is much that in the minds of some in the retail trade, interferes with business—crepe pullers, street men, etc. Now along come the Italian florists who offer to rent out designs of wax and enameled flowers for funerals, even allowing them to be taken to the cemetery, when after the friends have departed, the various pieces are returned to the store.

Samuel F. Lilly, who grows largely of carnations, reports that the plants are not making the showing they should for the month of May, last season's cutting being much better at this time. He does not know how to account for it unless it is the cool weather. He looks for them to catch up later on, if they do not arrive too late.

Duncan Macaw, of Macaw Brothers, Norwood, is well satisfied with their past season's business, it having greatly exceeded their expectations. A new auto truck has been added to their delivery service; also, an eight-cylinder touring car, a very up-to-date looking machine.

The Robert Craig Co. is rushed with a great quantity of bedding stock. As soon as this is out of the way, the large ranges of glass on the Forty-ninth and

Wholesale Flower Markets

BOSTON, May 24.		Per 100
Roses, Beauty.....	20 00	25 00
" Killarney Queen.....	2 00	8 00
" White and Pink Killarney.....	2 00	8 00
" Double White Killarney.....	2 00	8 00
" Killarney Brilliant.....	4 00	10 00
" Hadley.....	4 00	10 00
" Cardinal.....	2 00	8 00
" Mock.....	6 00	12 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	2 00	8 00
" Milady.....	2 00	6 00
" Ward and Hillingdon.....	2 00	8 00
" My Maryland.....	50	5 00
Cattleyas.....	50 00	75 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	50	1 00
Carnations.....	1 00	2 00
select.....	2 00	3 00

BUFFALO, May 24.		Per 100
Beauty Special.....	20 00	25 00
" Fancy.....	15 00	20 00
" Extra.....	10 00	12 00
" First.....	8 00	10 00
" Second.....	2 00	4 00
Roses, Killarney.....	3 00	8 00
" White Killarney.....	3 00	8 00
" My Maryland.....	3 00	8 00
" Killarney Queen.....	3 00	6 00
" Richmond.....	3 00	8 00
" Sunburst.....	3 00	8 00
" Ward.....	2 00	5 00
" Taft.....	3 00	8 00
" Ophebia.....	4 00	8 00
" Francis Scott Key.....	4 00	10 00
" Shawyer.....	4 00	8 00
" Bon Silene.....	2 00	3 00
Lily of the Valley.....	4 00	6 00
Lilies.....	8 00	10 00
Cattleyas.....	40 00	50 00
Carnations.....	2 50	4 00
Snappdragons.....	2 00	6 00
Yellow Tulips.....	2 00	3 00
Daffodils.....	1 00	2 00
Asparagus Sprengeri.....	35	50
Ferns.....per 1000.	3 00	
Smilax.....		15 00

CINCINNATI, May 24.		Per 100
Roses, Beauty.....per doz.	\$1 50	\$5 00
" Killarney.....	3 00	8 00
" My Maryland.....	3 00	8 00
" Richmond.....	3 00	8 00
" Taft.....	3 00	8 00
Lily of the Valley.....	4 00	5 00
Lilium Gigantum.....	6 00	10 00
Asparagus Plumosus.....per bch.	25c	
Orchids.....per doz.	6 00	
Carnations.....	2 00	4 00
Rubrum Lilies.....	3 00	10 00
Gladiolus.....	4 00	6 00
Sweet Peas.....	25	1 00

Chestnut street corner, recently sold, will be removed and erected at their Norwood establishment.

The Lansdowne Horticultural Society will hold a rose and cut flower show in Lansdowne, June 3. S. S. Pennock is much interested in this show, being a large exhibitor of roses from his own garden.

The Jos. Heacock Co. is discarding Radiance roses. They have received as much as \$2.60 per plant from this variety in one season, and yet it must go. Those that remain must have a wonderful record.

Berger Bros. Market turns out a lot of stock daily. Memorial day promises well here. There will be peonies in quantity if there is any kind of weather. High grade sweet peas are a feature.

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Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

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Florists' Supplies

PITTSBURGH, - PA.

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Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Hanstead St., PHILADELPHIA, PA.

S. S. Skidelsky is suffering from an injury to his foot sustained while in Pittsburgh a week ago. This will unfortunately keep him on the convalescent list for several weeks.

Edward Reid is laying plans for Memorial day so that he will have stock for all demands. He is doubtful

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Everything in the
line of Cut Flowers,
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We guarantee satisfaction.

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Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
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Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

about peonies, but believes they will pull through all right.

The M. Rice Co. is making a hit with their fish globes and stands, which are considered a good investment in the best stores. K.

Montreal.

SEASON IS BACKWARD.

Trade since our last report has been very good with the heaviest call for funeral work of the year. Cut flowers, especially white, are very scarce. Indoor bulbous stock is over and owing to the continued cool weather the outdoor supply is not very plentiful, but promises to be very soon and of good quality. Roses and carnations are not seen in as large numbers as might be expected at this season, neither is the quality very good. There is little trade in plants. The bedding season is about to commence judging from the numerous inquiries and business promises to be good. Stock is a little backward, due to cool weather, but is very stocky and therefore more salable. Geraniums are still the favorites but there are strong objections to the scarlet, it being unsatisfactory if planted near anything else, due to its color. Several auction sales of Holland grown nursery stock have been held and the general public appear to be eager buyers at figures which play riot with established prices. Some of the prices were hammered down to practically nothing. Roses for an exception, however, which were worth about 40 cents, sold as high as \$2.50.

There is quite a scarcity of gardeners, assistant gardeners and helpers for landscape work. Many places on private estates are open. J. L.

GUST. RUSCH & CO.



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1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 24.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@10 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 8 00	
Sweet Peas.....	50 @ 1 00	
Snapdragons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Glaudiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, May 24.		Per 100
Roses, Beauty, special.....	30 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Sweet Peas.....	50	
Spanish Iris.....	5 00	
Yellow Daisies.....	2 00	
Carnations.....	2 00	
Adiantum.....	1 25	
Asparagus Sprengerii, per bunch,	35@40	

MILWAUKEE, May 24.		Per 100
Roses, Killarney and W. Killarney	4 00@10 00	
" Ward.....	4 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@25 00	
" Ophelia.....	5 00@10 00	
" Hoosier Beauty.....	5 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	75 @ 1 50	
Carnations, fancy.....	6 00	
Snapdragons.....	doz., \$0.50@ \$0.75	
Daffodils.....	3 00	
Tulips.....	3 00@ 4 00	

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Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

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St. Louis, May 24.		Per 100
Roses, Beauty, medium.....	25 00	
" short.....	4 00@ 8 00	
" Killarney.....	4 00@ 8 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 50	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	2 50	
Callas.....	8 00@12 50	
Lilies.....	4 00@ 8 00	
Lilacs.....	4 00	
Asparagus Plumosus, per bu.,	25@75	
Ferns.....	per 1000, 3 00	
Bronze Galax.....	per 1000, 1 00	

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New York.

MARKET CONDITIONS SHOW IMPROVEMENT.

The weather of the past week was very cool and cloudy. By May 18 the supply of stock had decreased and prices advanced to some extent, particularly on short roses that were in demand for funeral work. On special stock of tea roses, there was little change. Special American Beauties have wholesaled up to \$25 per 100. Good carnations have sold up to \$4 per 100; in fact, all stocks seem to have been doing a little better than in the early days of May.

NOTES.

Pileski & Schott, growers of Bayside avenue, Flushing, have dissolved partnership. P. S. Schott retains the Flushing range. Frank Pileski has secured a site on or near Eleventh avenue, Whitestone, and will erect four houses, each 25x100. He will, we learn, grow a similar line of stock as when in partnership, that being largely bulbous stock and chrysanthemums. P. S. Schott has a very fine stock of young chrysanthemums which he is now planting in the beds. He expects to grow about 35,000 plants, and to force 750,000 bulbs.

Fr. Koller, for the past eight years with Fred Stewig, the retailer, of 940 Sixth avenue, this city, has bought the retail business of Charles Arnold, 180 Main street, Astoria, and has taken possession. He is a clever and active young man in the retail business and will undoubtedly be successful. There is a neat conservatory connected with the store.

Louis Neukert is one of the interesting florists of Brooklyn. Since 1883 he has conducted a retail store on Jamaica avenue, opposite the main entrance to Cypress Hill cemetery. He is a genial and kindly man and has many friends in the trade.

We found Victor Dorval's Sons, Woodside, very busy at potting and planting out, the late season having retarded outdoor work. They have a great stock of fine aster plants. Both these young men are hard workers and know their business.

John Kral, for a number of years head salesman for Moore, Hentz & Nash, in the rooms of the New York Cut Flower Co., died at his home in Portchester, N. Y., May 21, of pneumonia. A more extended notice will be found elsewhere.

Louis Stossel, of Maspeth, has taken charge of his greenhouses near Flushing cemetery, Otto Kratt having given them up and gone to work for Frank Grumbach of Jamaica. Mr. Stossel has another range at Maspeth.

One of the busiest men in Flushing is George F. Kochersberger. He superintends Flushing cemetery, also a neat range, where many plants are grown, and has other interests and does all of it well.

At the store of Thomas F. Burns, 4 Madison avenue, Flushing, we have noticed great activity. In addition to cut

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The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

flowers and funeral orders, he has been very busy with landscape work.

D. H. Laney, of Woodhaven, has a neat range and a nice stock of plants. He says, however, that he has been in harness long enough and is ready to sell the business.

Calling on Deans & Jacobson, Astoria, May 18, we found them busy planting *Asparagus plumosus nanus*. Peter Jacobson is getting to be an asparagus king.

Chas. F. Douglas, 1149 Jamaica avenue, Woodhaven, has a prosperous retail and seed business and is a very busy man.

August Millang, who has a store in Jamaica, has opened another at Richmond Hill, which is conducted by Mrs. Millang.

A. F. F.

Lancaster County Florists' Club.

Without the incentive of a visiting trip, the attendance at the May meeting was almost up to the normal; a few were no doubt too busy, possibly some had not made enough to warrant the expense of car fare, and the rest had no use for the essayist, so that the number present (about half the club's membership) was not so bad all things taken into consideration. The dates for the flower show were fixed for November 9-11 and the members urged to prepare as much stock as possible for the exhibition. A picnic committee was appointed consisting of Elmer Weaver, A. F. Strickler and Rudolph Nagle and it will report at the June meeting with date, places and all particulars. The programme committee, through its chairman, Harry K. Rohrer, reported the possibility of the June meeting being a peony symposium, with B. F. Barr as the essayist. T. J. Nolan was the only out-of-town member present. He is looking for building prospects, but the high cost of material has put a damper on new houses for 1916.



Mention the American Florist when writing

The paper of the evening was by A. M. Herr, entitled, "Looking Backward and Forward in the Florists' Business." In the discussion it created, the matter of prices was pretty thoroughly threshed out, and the general consensus of opinion seemed to be that it was an individual proposition. As a counteraction to the planting of hardy stock in small city yards, crowding out the annual plant trade and reducing the revenue of every florist in the United States, it was suggested by the writer that several florists make an exhibit of yard effects in our public parks as educators of what a yard should look like. If this were carried out all over this United States it would mean millions of dollars to the florists of the country. W. M. Hahman, a rose enthusiast, suggested that a rose garden be a feature of one of the parks to create a love for roses and educate the people what to buy. The after-meeting talk would fill a volume, and if the paper did no other good, it made some discussion.

Rudolph Nagle exhibited a fine specimen of Easter Greeting pelargonium.
ALBERT M. HERR.

PAUL MECONI

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" " extra and fancy....	20 00
" " No. 1 and No. 2....	3 00@ 5 00
" Prima Donna, special.....	1 00@10 00
" Alice Stanley.....	1 00@ 8 00
" Francis Scott Key, special.....	1 00@ 6 00
" Mrs. Geo. Shawyer.....	1 00@ 6 00
" White Killarney, special....	6 00
" Killarney, My Maryland....	4 00@ 6 00
" " special.....	25@ 2 00
" " No. 1 and No. 2....	1 90@ 6 00
" " Queen.....	50@ 6 00
" " Brilliant.....	1 00@ 8 00
" Aaron Ward.....	25@ 5 00
" Richmond.....	25@ 5 00
" Sunburst.....	1 00@ 8 00
" Taft.....	1 00@15 00
" J. L. Mock.....	25@ 5 00
" Hadley.....	1 00@ 6 00
" Ophelia.....	1 00@ 6 00
" Mrs. Chas. Russell.....	2 00@20 00
" Hoosier Beauty.....	75 00
" Ulrich Brunner.....	15 00@30 00
Cattleya Orchids, special.....	2 00@ 3 00
" " inferior grades.....	2 00@ 3 00
Lilies, Longiflorum and Harrisii.....	2 00@ 3 00
Lily of the Valley.....	2 00@ 3 00
Carnations.....	2 00@ 3 00
Adiantum Croweanum and	50@ 75
Hybridum.....	2 00@ 2 50
Asparagus Plumosus.....	1 25@ 1 50
Smilax.....	75@ 1 00
Gardenias.....	25@ 75
Sweet Peas, orchid flowered.....	50@ \$1 00
Mignonette.....	\$0.15@ \$0.25
Lavender Lilac.....	75@ 1 00
Snapdragons.....	1 00 1 50
Callas.....	1 00
Corn Flowers.....	2 00@ 4 00
Peonies.....	50@ 1 50
Iris, Spanish.....	
Daisies, Yellow.....	

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Boston:

SHORT SUPPLY IN ALL LINES.

Business held up very well during the past week, there being a general shortage of flowers. Most growers seem to be off crop on nearly every line, and there is a certain amount of holding back for Memorial day. Roses were not plentiful and trade on them was fairly good at prices which ranged from 2 cents up, according to quality and grades. Carnations are in short supply and sell readily at \$4 per 100. White varieties are in good demand. Sweet peas have been selling rather spasmodically. During the middle of the week prices fell off as the demand slackened, but on Saturday trade was very brisk. In fact, the Saturday business all around seems to be better than the rest of the week. Lily of the valley is very short and growers of outdoor stock find it a profitable crop this season, \$3 and \$4 per 100 being received for it. Bulbous stock is about finished for this year and the trade seems to have had enough of it as the demand is none too good. Yellow marguerites are shortening in supply as some growers have cut their entire crop for the season. They find a better market than they have for some months, selling at from 75 cents to \$3 per 100. Gypsophila sells very well, this flower being very popular as a filler for bouquets. The supply of green, such as Sprengeri and plumosus, is fairly good, but seems to sell satisfactorily. There is a good supply of pansies, but only the choicest colorings sell well. The retail florists are advertising and pushing the sale of artificial wreaths this year more than ever, but as yet it seems to have made no impression in the flower business, as orders are coming in as well, if not better, than in previous years.

F. L. W.

Washington, D. C.

Business in general is keeping up far beyond expectations, with stock plentiful and prices are at the retailers' figures. Roses of all kinds can be had at prices varying from \$2 up, the very best going at \$8. Carnations in the best grades are sold at from \$1 to \$2 per hundred. The only scarce item is lily of the valley. Peonies are plentiful and find ready sale.

NOTES.

Geo. C. Shaffer is more than pleased with his spring business. He also has numerous advance orders for June wedding decorations, which will keep his force on the move.

G. M. Thomas, one of the leading retailers in Center market, has taken the "fatal leap." We wish "Milt" and his bride the best of luck.

J. H. Small & Sons have been very busy during the past week, the demand for Memorial day and funeral work being exceptionally brisk.

The government planting in the local parks is practically finished, and for beauty at this time of the year they cannot be excelled.

W. Marche & Co. are showing some peonies of extra good quality, also some fine bedding stock from their own range.

G. C. D.

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc., supplied in any quantity. A few on my list:

FERNS—Adiantum, Blechnum, Aspidium, Asplenium, Gleichenia, Todea.

PALMS—Calamus Muelleri, Kentia Monostachya, Livistonia Australia, Seaforthia elegans, Areca Baueri, Macrozamia.

OTHER LEAVES—Lomatia, Grevillea robusta, Australian Moss, Restia Tetraphyllus.

Samples and quotations forwarded on application to

MARK BROWNE, 68½ Pitt St., SYDNEY, N. S. W., Australia

Cable: "NIAOULI, SYDNEY." Codes A. B. C. 5th and Western Union.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

ACTUAL
SIZE

Mention the American Florist when writing

NEW FERNS

Fancy Ferns.....\$1.35 per 1000
Dagger Ferns..... 1.15 per 1000
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag
Huckleberry Foliage..... 2.50 per case
Lyrata (Evergreen Oak)..... 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

Hail at Fort Smith.

A near cloudburst, accompanied by the most severe hail and electrical storm in the history of the city, did heavy damage at Fort Smith, Ark., May 20, George Rye and other florists being heavy losers. At the Rye greenhouses on the Plaza nearly every light of glass was shattered. The effect of the storm was equally as severe at his establishment on Grand avenue. Mr. Rye estimates that his glass loss alone will amount to about \$350. This is covered by insurance, however. B. B. Freeman, 202 Towson avenue, sustained a loss of from \$175 to \$200, as the result of broken glass and plants destroyed by hail. Garden truck in the city was cut to pieces, and if the storm was as severe in the fruit belt as it was in Fort Smith, it is feared that the crop is a total loss.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

Retail Florists



Now is the time to prepare your advertising for
Social Occasions Fall Announcement
Fall Planting Thanksgiving

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

J. H. SMALL & SONS

FLORISTS

NEW YORK AND WASHINGTON

Announce the removal of their New York store to

505 MADISON AVENUE AT 52ND STREET.

WASHINGTON, D. C.,
15th and H Sts.

Floral and
Landscape Work

NEW YORK
WALDORF ASTORIA and
505 MADISON AVENUE.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger

Mullanphy Florists
(INCORPORATED)

Eighth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

C. Trauenerfelder

FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

Syracuse, N. Y.

MILES S. HENCELE

FLORIST

536 SOUTH SALINA STREET
Funeral Designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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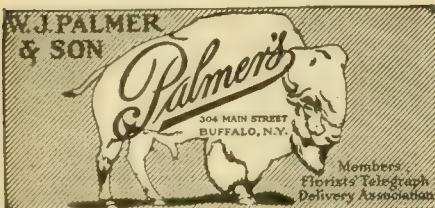
-OR-

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson**SHEBOYGAN, WISCONSIN**

Members of Florists' Telegraph Delivery.



New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:

1501 and L1582

Members of Florists' Telegraph Delivery.

Max Schling

NEW YORK.
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alexandria Florist, The, Los Angeles, Calif.
Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A. & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hendle, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. R., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Potter Floral Co., El Paso, Texas.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Sakelos, G., New York.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Feters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brookline, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

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L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



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D. C.

Gudes'

Members of Florists' Telegraph Delivery.

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233-235 Grant Avenue.

JOSEPH'S FLORISTS

B. M. JOSEPH. Novelties for

"Welcoming" and "Bon Voyage" Packages.
Flowers Delivered to Any Part of the World.

Denver, Colo.

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Floral Co.

J. A. VALENTINE, President
Members of Florists' Telegraph Delivery.

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PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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IN THE CENTER OF IOWA

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We cover all points in Iowa.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Seattle's Leading Flower Shop

1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

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The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

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Member of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

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Blackstone

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

Original Decorations a Specialty.

Branch:
THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch 1808

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hadesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—The Alexandria Florist.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Renter's.
New Orleans, La.—Metairie Ridge Nursery Co.
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New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
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New York—Thos. F. Galvin, Inc.
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New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
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Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
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Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
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St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evensen Bros. Co.

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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.
Member of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n



C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

New Haven, Conn.

The retail flower shops of New Haven present a bright, up-to-date appearance that shows the proprietors to be alive to their opportunities. They are, for the most part, located on Chapel street, right in the heart of the shopping district, four of the principal stores, those of John H. Champion & Co., the S. H. Moore Co., Chas. Munro and Myers' Flower Shop, being within a stone's throw of one another, with Cowan & Heller just off Chapel street, opposite the Taft hotel. The last named have a very roomy and convenient store with nicely arranged windows.

The Doolittle Floral Co., on Orange street, has quite a large store and makes a feature of seeds as well as plants and cut flowers. They grow much of their own stock. S. C. Buck, who has opened a new store at 29 Broadway, is satisfied with his business for the first season and contemplates making extensive improvements. Andrew McCrea, on Meadow street, has a roomy store, selling seeds as well as plants and flowers.

The S. H. Moore Co. have in addition to their store, a greenhouse in the rear, which was filled with palms and ferns. A good stock of flowers is also carried. A lot of funeral work was keeping the force busy. John N. Champion & Co. have a very well appointed store with a showy window. Business was reported very good, with prospects of a strong demand for Memorial day.

Chas. Munro made a good bid for business, having quite a number of novelties. His window was very attractive and the entire front of the next building was banked with bay trees and bedding plants; in fact, all the stores featured growing stock for the flower beds.

Myers' Flower Shop carried a good stock of cut flowers and plants. The season's trade had been good. The preparations for Mothers' day at this establishment resulted in excellent business.

K.

Telephone 1813 Main JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST
105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist
603 Title Guarantee Bldg.

Los Angeles, Calif.

SEKI BROS. & CO.
Wholesale and Retail Florists
We grow our own flowers All kinds of Decoration a Specialty
Phone A-2550 229 W. 4th Street

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith
853 So. Olive St., Los Angeles, Calif.
Every Order sure to receive prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVENDEN BROS. CO.
Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

Boston, Mass.
HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher
Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.
Member of Florists' Telegraph Delivery.

Springfield, Mass.

This is a wideawake business city, with a lively central shopping district. Most of the cut flower shops are clustered on Main and State streets, right in the busiest section. Mark Aiken's principal store is at 484 Main street. This is a very up-to-date establishment, well arranged with two showy, well decorated windows. A branch store on the same street, a half block away, was also well filled with plants and flowers. Mr. Aiken raises much of his stock, having a large range of greenhouses at the outskirts of the city.

N. F. Higgins, 154 State street, has a very commodious and well arranged store with a large greenhouse in the rear. Great preparations were being made for Memorial day, for which he expects great business. In fact, in all the New England stores, wreaths of magnolia were being made at every spare moment, as with them it is almost the greatest day of the year. T. F. Sheehan, 143 State, was well equipped with a nicely appointed store and attractive windows. "The Flower Shop," on State street, just above Main, is an attractive and inviting store with its many novelties and up-to-date ideas.

Wm. Schlatter & Son, 422 Main street, were well supplied with plants, seeds and flowers; their store has a busy look. Much of the stock is grown at their greenhouses on Bay street. Ostermann & Steele, 137 State street, have a very busy place, which is unquestionably a flower shop, they carrying a large stock of blooming plants and flowers.

L. D. Robinson on State street, on the edge of the shopping district, has a lively store. He also grows plants and flowers, having quite a lot of glass.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

**D. F. SIMONDS
J. R. BUTZOW**

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

and all **T. J. JOHNSTON & CO.**

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

A DUTCH traveler writes: "Here-with beg to acknowledge you that I arrived home saved."

THE weather in the Chicago district has been quite favorable for onion sets except on low ground.

NORTHERN Missouri and Iowa are very wet and the young corn is showing in only a few cases.

ONION AILSA CRAIG, one of the most popular varieties on the English market, is reported a very scarce item.

CHICAGO.—Prices for grass seed on the Board of Trade May 24 were as follows: Timothy, \$5.50 to \$8.50 per 100 pounds.

ROCKFORD, ILL.—H. W. and John T. Buckbee have the sympathy of the trade in the loss of their mother, who died May 20.

VAUGHAN'S SEED STORE, Chicago, had 35 windows damaged in the west side warehouse by the recent bomb explosion in the next block.

CABLES from Ollioules, France, dated May 20 are said to indicate that the French Growers' Syndicate is maintaining the prices which it fixed about May 7.

MILWAUKEE, WIS.—L. L. May, of St. Paul, who was operated upon at the Mt. Sinai hospital May 15, is progressing favorably and permitted to receive calls of friends in the trade.

THE HOLLAND-AMERICAN line is reported to have made 190 per cent profit the past year, having charged liberal amounts to depreciation and still paid a cash dividend of 50 per cent.

O. H. DREW, formerly in the catalogue seed and bulb trade at Hibernia, N. Y., and who for the past few years has lived at Tropico, Calif., has returned to the latter place after a four months' tour of the east.

SOUTH FRANCE reports of May 5 state that owing to the unfavorable weather the crop of Roman hyacinths is very poor and because of the shortage of labor it will not be easy to harvest the crop of narcissi.

YOSEMITE VALLEY, CALIF.—L. W. Wheeler, of Gilroy, Calif., and wife reached here May 15, in their Overland Six. They are stopping at Camp Curry. After viewing the local wonders they will motor to Wawona, where they expect to enjoy some fine fishing.

THE Twin City Trading Co., a holding company for the Albert Dickinson Co., of Chicago, has made plans for the erection of an elevator at Minneapolis, Minn., which will bring the total capacity of the company's storage in that city to 1,500,000 bushels.

DUTCH BULBS.—Dutch bulb dealers say business in Norway and Sweden is very good. It is reported that double tulips Murillo and Couronne d'Or sold at better prices than last year. Narcissi and hyacinths are looking better than the tulips just now in the open ground, although narcissi are said to have suffered from excess moisture.

A. H. GOODWIN, of the W. W. Barnard Co., Chicago, says that while store trade is quite active at the present time it will be difficult to counteract the losses due to the backward weather unless the season is prolonged well into June. Mr. Goodwin expects to spend the summer at his Indiana place. Mr. Barnard, who spent the winter and spring in California on account of his health, has fully recovered, and is now on his way home, due May 27.

French Bulb Growers Fix Prices.

At a meeting of the Bulb Growers' Syndicate at Toulon, May 6, the following fixed prices were agreed upon by the growers:

Variety	Size in Centimeters	Frances Per 1,000
Hyacinth, Roman White	12-15	100
" " "	11	80
" " Italian	12	80
" " Rose Tendre		70
" " Fonce		70
" " L'Bleu Fonce		70
Narcissus Grandiflora	13 and up	22
" " Grandiflora	12	18
" " Totus Albus	13	15
" " Double Roman	13	16
" " Trumpet Major		30
" " Soleil D'Or		55
Lilium Candidum	18-20	60
Freesias	4½	15

The prices are without discount and payable cash to the growers.

American Seed Trade Association.

C. E. Kendel, secretary of the American Seed Trade Association, announces that the programme for the thirty-fourth annual convention, which will be held at Chicago, June 20-22, has been purposely shortened as matters of vital importance to the association will be up for discussion and it was thought wise to allow sufficient time for their consideration. The following papers are included in the programme and will be presented at the opening session: "Accounting and Business Methods," by Robert E. Belt, Federal Trade Commission, Washington, D. C.; "Corn Growing in the Northwest," by A. K. Bush, Northrup, King & Co., Minneapolis, Minn.; "Farmers' Associations," by John A. Salzer of John A. Salzer Seed Co., La Crosse, Wis.; "Advertising—Fair Play Seed," by Frank B. White, Agricultural Publishers' Association, Chicago.

The Hotel Sherman has been selected as headquarters. The rates for room with bath are: Single, \$2 to \$5; two in room, \$3 to \$6; suites of two rooms for two persons, \$5, \$7 and up. The hotel management urges early reservations to avoid disappointment.

The Government Bulb Farm.

As the 60 acres of land donated to the government for experiments with bulbs and nursery stock at Bellingham, Wash., noted in our issue of April 1, page 558, is mostly woodland and will not be ready for some time, arrangements have been made to retain the leased 10 acres on which this work has been carried on until 1918. It is understood that 15 acres of the new land will be devoted to bulbs, 15 acres to nursery stock, and the remainder reserved for general agricultural experiments.

The past winter having been one of the most severe in the history of Bellingham, the bulb farm is showing its effects, whole plots of hyacinths and narcissi being frozen out. Tulips, however, do not appear to have suffered seriously. A total of 4,210,989 bulbs, including seedlings and mature stock, were planted last fall, divided as follows: Tulips, 2,117,678, hyacinths, 1,244,194, narcissi, 66,117, scillas, 92,000. The Single Early tulips are used more than the Darwins, although according to W. G. Vollen-god, bulb expert, a native of Bevel-wik, Holland, the Darwin tulips do much better in this country than in Holland and the Single Early not as well in America as in Holland. The tulips grown at the farm include Artus, Chrysolora, King of the Yellows, Rose Gris-de-lin, Belle Alliance, L'Immaculee, Crimson King, White Pottelbakker, Prince of Austria, Couleur Cardinal, Mon Tresor, Keizerskroon, Thomas Moore, Sarah Bernhardt, Cottage Maid, Princess Marianne, Duchess de Parma and Cardinalshat. Among the hyacinths, Gertrude, Grand Maitre, Roy de Belges and L'Innocence are the most abundant.

It is planned to add, probably this fall, Iris, Spanish, English and German, snowdrops, lilies and lily of the valley to the list of plants grown here for experiment.

Henderson-McRea.

Howard M. Henderson, member of the firm of Peter Henderson & Co., seedsmen, New York, and Miss Helen V. McRea, daughter of Milton A. McRea, well-known newspaper publisher, were married at the home of the bride's parents at San Diego, Calif., May 22. After a month's auto tour of California, Mr. and Mrs. Henderson will leave for their future home, Summit, N. J.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Sugar Beet Crop Expands.

According to estimates furnished by John Burnham & Co., the 1916-17 sugar beet campaign in the United States will total about 787,623 acres. This is 176,322 acres greater than the acreage for the last campaign. The figures are shown in the table below, with corresponding figures for the last season:

1916-17		1915-16	
Factories operating	Acreage contracted	Factories operating	Acreage contracted
Colorado	15 209,261	14	171,222
California	11 163,630	11	122,737
Michigan	15 145,500	15	122,000
Utah & Idaho	16 128,000	12	91,294
Ohio	4 32,300	4	25,684
Nebraska	3 44,433	2	25,684
Other states	8 64,500	8	39,951
Wyoming	2 .....	..	..
Illinois	1 .....	..	..
Indiana	1 .....	..	..
Kansas	1 .....	..	..
Minnesota	1 .....	..	..
Oregon	1 .....	..	..
Montana	1 .....	..	..

Totals

72 787,623 66 611,301
This estimate does not include anything for Wisconsin. The only factory that made a report was Janesville, which stated that it would not open this year.

The plants at Ottawa, Ohio; Waverly, Iowa; Marine City, Mich.; Corcoran, Calif.; Glendale, Ariz., and Fallon, Nev., will not operate, primarily because of the seed situation.

There are new plants operating this year at Lovell, Wyo.; Gering, Neb.; Twin Falls, Idaho; Grants Pass, Ore.; Brigham City, West Jordan and Spanish Fork, Utah.

Indian Corn Quarantine.

The fact having been determined by the secretary of agriculture that maize or Indian corn and closely related plants are subject to certain injurious diseases, especially downy mildews in various forms, it has been declared necessary to enforce the plant quarantine act to prevent the introduction into the United States of these diseases. The importation into the United States of Indian corn of maize, in the raw or unmanufactured state, seed and closely related plants from southeastern Asia, Malayan archipelago, Australia, New Zealand, Oceania, Philippine Islands, Formosa, Japan and adjacent islands, is forbidden on and after July 1, 1916, and until further notice.

Japan Lilies

RETARDED BULBS FROM COLD STORAGE

As these Lilies are most useful during the early winter months and for Christmas flowering, we suggest May, June and July delivery as the best time for making shipments of Speciosum.

Full Cases of Lilies at 1000 Rate.

Lilium Longiflorum Giganteum—Cold Storage	100	1000
9- to 10-inch, 200 bulbs in a case.....	\$12.00	\$100.00
Lilium Auratum—Cold Storage		
11- to 13-inch, 100 bulbs in a case	17.00	160.00
Lilium Speciosum Album—Cold Storage		
8- to 9-inch, 225 bulbs in a case.....	10.50	100.00
9- to 11-inch, 125 bulbs in a case.....	17.00	160.00
Lilium Speciosum Rubrum—Cold Storage		
9- to 11-inch, 125 bulbs in a case.....	11.00	105.00
Lilium Speciosum Melpomene—Cold Storage		
9- to 11 inch, 125 bulbs in a case.....	11.00	105.00

Arthur T. Boddington Co., Inc., Seedsmen

128 Chambers Street, NEW YORK

French Bulbs

A. & L. BREMOND FRERES,

Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF—Red-top, Meadow Fescue, Blue

Grass, Sunflower, Timothy and Garden Peas.

ENGLISH

CORRESPONDENCE.

Our traveling salesman, **MR. LAWRENCE S. PAYNE**, who has been calling on the American trade for many years past, will leave for his annual trip early in June.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking earliest orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT,

NEBRASKA

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter

New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited. SWEDESBORO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Always mention The American Florist
when writing. : : :

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quantity,
variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

97th Year

J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomersdale Farm. Bristol, Pa.

Mention the American Florist when writing

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St. CHICAGO

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
1830

HOLLAND

Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

Bulb Catalog Ready Now

Suppliers to the American Trade Since 1840

Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

VALLEY

FROM STORAGE

Bruns' Celebrated Chicago Market Brand, \$22.00 per 1000; \$11.50 per 500; \$6.00 per 250.

Florists' Money Maker, \$18.00 per 1000; \$9.50 per 500; \$5.00 per 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

GLADIOLI

All First Size Bulbs. Per 1000

America.....\$11.00
Augusta.....12.00
Francis King, scarlet.....10.50
Halley, sal pink.....16.00
Independence, rose pink.....11.00

TUBEROSES

Per 1000

Double Pearl, 1st size.....\$12.50
S. Armstrong, 1st size.....13.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

BEGONIAS

We make a specialty of begonias; you will like our stock: prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Chatelaine, 2½-in.....	\$ 3.50	\$ 30.00	Xmas Red, 2½-in.....	\$ 6.00	\$ 50.00
Chatelaine, 3-in.....	5.00	45.00	Xmas Red, 3-in.....	8.00	70.00
Chatelaine, 4-in.....	6.00	50.00	Xmas Red, 4-in.....	10.00	90.00
Luminosa, 2½-in.....	2.50	20.00	Vernon, 2½-in.....	6.00	50.00
Erfordii, 3-inch.....	6.00	50.00	Vernon, 3-in.....	8.00	70.00
Prima Donna, 2½-in.....	2.50	20.00	Vernon, 4-in.....	10.00	90.00
Prima Donna, 3-in.....	4.50	40.00	Lorraine, 2½-in.....	12.00	100.00
Prima Donna, 4-in.....	6.00	50.00	Cincinnati, 2½-in.....	15.00	120.00

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2½ inch.....\$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom.....4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties.....4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants.....2½ inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2½ inch.....\$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch.....\$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

Miscellaneous Stock For Florists

Asparagus Sprengeri, 2 in., \$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.

Asparagus Plumosus, 2-in., \$3.00 per 100; \$25.00 per 1,000.

Azalea Mollis, bushy plants, full of buds, all colors mixed, 12 to 15 inches high, 35c each, \$4.00 per dozen; \$30.00 per 100.

Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4.00 per 100.

Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3.00 per 100, \$25.00 per 1000.

English Ivy, 4 in. pots, 3 ft. tops, \$12.00 per 100.

Fern Dish Ferns, all standard varieties, \$3.00 per 100, \$25.00 per 1000.

Hardy Azaleas, best named, 18 to 24-in., full of buds, 50c each, \$5.00 per dozen, \$40.00 per 100.

Kentia Belmoreana, 2½ in. pots, \$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

ATCHISON, KAN.—Howe Bros. are building a vegetable house at Potato Hill.

Rhubarb Leaves Kill.

Sterling, Ill., May 11.—Mrs. Louis D. Beechel, of Geneseo, is dead as the result of eating leaves of rhubarb.

Dandelion Poisoning.

Sterling, Ill., May 11.—Sixteen cases of ptomaine poisoning have occurred in Malden and Arlington due to eating dandelion greens. Some of the victims are seriously ill.

Prices of Indoor Fruits and Vegetables.

Chicago, May 23.—Mushrooms, home grown, No. 1, 35 to 50 cents per carton; lettuce, cases, 17½ to 20 cents; radishes, 25 cents to 50 cents per doz. bunches; celery, \$1.75 to \$2.00 per crate; tomatoes, six baskets, \$3.00 to \$4.00; cucumbers, per doz., 50 cents to 75 cents.

New York, May 23.—Celery, per 12-inch crate, \$2.00 to \$3.50; cucumbers, 75 cents per dozen; mushrooms, 40 cents to \$1.50 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per dozen bunches, 25 to 35 cents.

Texas Bermuda Onion Crop.

Reports and telegrams received by the bureau of crop estimates, United States department of agriculture, in the first week of May, indicate that the total production of onions in Texas will be about 4,650 carloads of 460 bushels each, as follows:

Webb county, 2,250 cars; Lower Rio Grande valley, 350 cars; Dimmit and Zavalla counties, 1,550 cars; La Salle, Frio, and Atascosa counties, 400 cars; and scattering, 100 cars.

Shipments to and including May 3 are reported as follows: Out of Laredo, 2,014 cars, 200 carloads still to move. Total from the state, 2,924 carloads.

Thymol From Horsemint.

Recent investigations of the United States department of agriculture indicate that, under favorable circumstances, thymol from horsemint may be a profitable undertaking. Thymol, which forms the basis of a number of important pharmaceutical compounds, has in the past been imported from Europe, where it was manufactured from ajowan seed grown in northern India. For several years the department of agriculture has been conducting experiments with horsemint, which occurs as a common weed on light,

sandy soils over the entire region from southern New York to Florida, and westward to Wisconsin, Kansas and Texas. The results of these investigations, published in Bulletin 372 issued by the department, show that horsemint, when the plants are improved by selection, warrant their use for the commercial production of thymol. It is probable the plants will thrive under cultivation wherever they are found growing wild, but local conditions will determine whether or not the production will be profitable. The investigations of the department indicate that by distilling the improved plants an average of 20 pounds of oil per acre may be obtained from first year plantings and at least 30 pounds per acre in succeeding years. The phenol content of this oil may be assumed to be about 70 per cent, almost all of which is thymol. The yield of thymol per acre of horsemint therefore, should be a little less than 13 pounds for the first year and a little less than 20 pounds for succeeding years. The average price of thymol for a number of years has been about \$2 per pound.

It is difficult to estimate with accuracy the cost of producing the thymol. In the opinion of the investigators it is doubtful whether the profits from the industry will be sufficient to warrant anyone in engaging in it unless the horsemint is grown in connection with other oil-yielding plants for which a distilling apparatus is required. In that event, of course, the entire cost of the distilling plant can not be charged against the thymol industry alone. For this reason in the estimates of cost of production published in Bulletin 372 such items as land rent, taxes, depreciation, upkeep, and interest on the distilling plant have not been included. Excluding these items it is believed that thymol can be produced at an approximate cost of \$23 per acre the first year, and \$19 per acre thereafter. This figure includes the growing of the plants, fertilizer, cultivation, harvesting, and distilling. A plantation of horsemint will not have to be replanted oftener than once in five years, and under average conditions may continue to give a good yield for a still longer time. After the first year a material reduction can be made in the cost of fertilizers if the distilled herb is returned to the soil.

HARTFORD, CONN.—The Rose Hill Floral Co. has been incorporated by Louis L. Barton, Abner Pitner and Ralph M. Grant; capital stock, \$50,000. Additions will be made to their present range.

Holyoke, Mass.

At the Oak street establishment of G. H. Sinclair & Son, prospects look fine for Memorial day, geraniums and other seasonable stock being in good shape. G. H. Sinclair is a keen observer, and no doubt owes a great deal of his success to this characteristic. A few years ago he noted a seedling adiantum that looked "different." Today he has a good stock of a fine fern which is a money maker in the production of "green." The fronds are of extra substance, borne on long stems, and of quite distinct appearance. In their new house at Smith's Ferry, carnations and sweet peas are in good crop. Buxton's Silver Pink snapdragon, with stems four feet long, have also been a pleasing sight in this house.

Gallivan Bros. have so many orders for Memorial day as to necessitate renting another store for making up purchases.

H. E. D.

Albany, N. Y.

Favorable reports are made by the trade on Mothers' day. Colored carnations brought \$6 a hundred, wholesale, and white ones, \$8. The retailers report sales ahead of a year ago with a disposition on the part of buyers to go into other lines of flowers than simply carnations. Some dealers did a good trade in boxes. White carnations were pretty well sold out when Sunday arrived.

R. D.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

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Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

Leaves	In. high	Each	Per doz.
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	18.00

Cibotium Schiedeii

9-in. cedar tub, 4 to 5 ft. spread, at.....	\$4.00
---	--------

Areca Lutescens

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....4.....	8 to 10.....	\$1.50	2.00
3-in. pot.....5.....	12.....	2.00	4.50
4-in. pot.....5 to 6.....	15.....	\$0.40	1.00
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	26.....	1.25	15.00
6-in. pot.....6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....	42 to 45.....	4.00	48.00
9-in. cedar tub.....	45 to 48.....	5.00	

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Mention the American Florist when writing

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeckana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam. Per 100	Diam. Per 100
Plants 10-12 in...\$12.00	Plants 16-18 in...\$ 40.00
" 12-14 in... 15.00	" 18-20 in... 60.00
" 14-16 in... 20.00	" 20-22 in... 80.00
" 15-17 in... 30.00	" 22-25 in... 100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

COTTAGE MAID

A Sport of

MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in.....doz., \$1.00:	100, \$8.00	

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, **Allegany, N. Y.**

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

Begonia Mrs. J. A. Peterson

2¼-in. pots, \$25.00 per 100; \$200.00 per 1000.

Begonia Cincinnati

2¼-in. pots, \$15.00 per 100; \$140.00 per 1000.

Begonia Lorraine

2¼-in. pots, \$12.00 per 100; \$110.00 per 1000.

CYCLAMENS

Separate colors; finest strain; extra strong.

3-in. pots, \$8.00 per 100; \$70.00 per 1000.

JULIUS ROEHRS CO., Rutherford, N. J.

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Cycas Stems

NEW ALL STOCK SIZES

Prices: 100 LBS. @ 8¢
500 LBS. @ 7½¢

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

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Miscellaneous Plants

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Ageratum, 6 varieties.....	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera, 6 varieties.....	2.00	18.50	3.00	25.00
Alyssum, dwarf and giant.....	2.00	18.50	3.00	25.00
Begonia Luminosa.....	3.00	25.00	4.00	30.00
Vernon.....	2.00	18.50	3.00	25.00
Cannas, standard varieties.....			3.00	25.00
Coleus, 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea, Platycentra.....	2.00	18.50	3.00	25.00
Lemon Verbenas, 6 var.....	2.00	18.50	3.00	25.00
Moonvines.....	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens.....	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich.....	2.00	18.50	3.00	25.00
Senecio Argenteus (Dusty Miller).....	2.00	18.50	3.00	25.00
Swainsona, white.....	2.00	18.50	3.00	25.00

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

HELENA, MONT.—The State Nursery Co. is now located in its new store and reports excellent business.

SCOTTSVILLE, TEX.—A heavy wind-storm during the night of May 20-21 blew off from 25 to 33 per cent of the peaches in this vicinity.

CAMDEN, N. J.—The new city park on the Delaware river, comprising 60 acres, is to have a 20 acre athletic field and club house and three new playgrounds.

PEONIES in Chicago and vicinity are about 10 days later than last year. At the present time (May 24) it is believed very few of the plants in this locality will bloom before June 10.

American Association of Nurserymen.

MILWAUKEE CONVENTION.

A spirit of true co-operation appears to have laid hold of the in-members of the American Association of Nurserymen, and the forty-first convention to be held in Milwaukee, June 28-30, will average in attendance with any former gathering of the representatives of the nursery trade. With the adoption of the new constitution at Detroit last year a general revival of determination to place the organization on a higher plane than it has ever before attained was manifest.

At the coming convention a report by Curtis Nye Smith, Boston, Mass., who was appointed counsel of the association, will consist of a review of his work for the past year and of recommendations for the future; and the various papers to be read will all breathe the same spirit of effort to raise the moral and commercial ethics of the organization. The intention is to make a membership in this association a guarantee of all that is honest in the carrying out of contracts, the stock handled, and in general business conduct. The dealer who follows the "gold brick" methods and whose representations either to customers among the public or with his brethren in the trade, is to reform or suffer elimination from the association.

The quality of the program for the Milwaukee meeting, in variety of topics and discussions, surpasses anything ever before presented to the nurserymen, and the sessions will be full of life and profit. The receipts for membership dues are more than double those of any previous year, and the correspondence accompanying renewals indicates satisfaction with the new constitution. Members of record in 1915 may renew without coming under the new rule, and if this notice should be read by such as have not yet renewed they may feel at liberty to send in application so as to reach the secretary not later than June 3 and be included in the badge book. The address of the secretary is John Hall, 204 Granite building, Rochester, N. Y.

Warning Against Spineless Cactus.

The propaganda carried on in portions of the south in advocacy of the commercial planting of spineless prickly pear, or spineless cactus, should be viewed with suspicion by farmers who are seeking thoroughly proved forage crops for that region. For any portion of the south this is no more than an experimental crop, according to specialists of the United States department of agriculture. The experiment station at Gainesville, Fla., some years ago tested out 30 or more varieties furnished by the department and found them entirely unsuited to the conditions there. While the reports from some of the coastal sections are more favorable, the plants have not been grown on a sufficient scale to warrant more than an experimental planting by the man of limited means. Prospective growers should confine themselves to a small number of plants, from which a nursery can soon be established if the crop proves to be adapted.

There is but one spineless species known which will withstand the temperatures in Texas as far north as Waco. This is *Opuntia ellisiana*, a medium-sized species of about the same habit as the common natives of southern Texas. This hardy species seems to have its origin at Corpus Christi, and there are evidences that it was grown there 14 years ago. It is known to be grown there still. The stock of it is quite limited, there being but few growers known to the department who have propagated it on any scale, and even their supplies are not large.

So far as the types which are now being exploited are concerned, they

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

can not be grown except in the very warmest sections of the country. It is yet to be determined whether any spineless cactus can make an economic crop in the humid South, where legumes and other forages of a higher nutritive value can be had in a green, succulent condition nearly the entire year.

JAPANESE TEA GARDEN

—AND—

ROCKERY

of any style made in a short time.

T. R. Otsuka, 300 S. Michigan Ave.
CHICAGO.

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For the Best New and Standard

DAHLIAS

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Peacock Dahlia Farms.

P. O. Berlin, N. J. Williamstown Junc., N. J.

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ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

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Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO.,

NEWARK, NEW YORK

Don't Place Your Order for Printing

CATALOGS or CATALOG COVERS

Until You Get Our Prices

WE FURNISH "NEAREST-TO-NATURE" COLOR PLATES

WE ALSO ILLUSTRATE YOUR CATALOG FREE

Get a copy of our 80-page Stock Catalog for Nurserymen

Gillies Litho. & Printing Co., Rochester, N. Y.

P. E. FELLOWS, Mgr. (MEMBER AMERICAN ASSOCIATION OF NURSERYMEN)

Chrysanthemums

Now Ready

Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$1.50	\$10.00	\$90.00
Rooted Cuttings	.....	7.00	60.00
Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$1.75	\$ 5.00	\$45.00
Rooted Cuttings	.....	4.00	30.00
White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$30.00
Rooted Cuttings	.....	3.00	25.00
Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Hironelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.60	\$ 4.00	\$35.00
Rooted Cuttings	.....	3.00	25.00
Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Ivory, Jeanne Nonin, Mlle. Arlette Dubois, Mrs. B. E. Hayward, Patty, Pink Ivory, Yellow Ivory.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....	2.50	20.00
Chrysolora, Clementine Touset, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonaffon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonaffon.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	.....\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	.....	2.00	17.50

Complete list of Pompons, Anemones and Singles. Prices on application.

Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.

Not less than 25 of a variety sold as rooted cuttings.

Reference or cash from unknown correspondents.

These prices are to those in the trade only.

ELMER D. SMITH & CO.
Adrian, Mich.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8 00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner	.....	\$10.00 per 1000
Ricard and Poitevine	.....	12.50 per 1000
Asparagus Plumosus	.....	25 00 per 1000
Petunia, 3 inch	.....	3 00 per 100
Salvia Zurich, 3 inch	.....	3 00 per 100
Buddelia Magnifica	.....	5.00 per 100
Buddelia Asiatica	.....	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

Ipomoea Noctiflora

(MOONVINES)

2 1/2 in. pots.....\$5.00 per 100
3 in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

ROSES

Field-grown,
2-year dormant

Per 100, \$12.00 While Unsold

Hybrid Perennials

Betty
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Magna Charta

Hybrid Teas

Ulrich Brunner
Caroline Testout
Pink Killarney
White Killarney

Climbing

Baby Rambler
Baltimore Belle
Crimson Rambler
Flower of Fairfield
Hiawatha
Queen of Prairie

Polyanthus

Phyllis
Ellen Poulsen
Erna Teschendorff
Jessie
Mad. Jules Gouchault

Miscellaneous Roses

Mad. Geo. Bruant
Persian Yellow

Rugosa White
Rugosa Red

**1000 Hoosier Beauty, Grafted Stock,
2 1-4 inch, for \$100.00.**

Ampelopsis Vietchi, 3-yr., Extra, per 100, \$12.00

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

1300 VINCA VARIEGATA

Out of 4 inch pots, \$12.50 per 100.

GERANIUMS, out of 3 1/2 inch.....\$7.00 per 100

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

FERNS IN FLATS

In Best Varieties
for Fern Distes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues
SAN FRANCISCO, CALIF

BELLE WASHBURN

Plants in 2½-inch Pots Ready for Bench or Field

BELLE WASHBURN won the silver medal of the Society of American Florists' at the 1915 Buffalo, N. Y., Exhibition, and again won the Society of American Florists' silver medal and American Carnation Society's silver medal at the St. Louis, Mo., Exhibition, January 26-27, 1916. This is the only variety that ever won the Society of American Florists' silver medal two years in succession, which is worth considering when buying new varieties. Results count—order accordingly.

The Best Red Carnation. Young plants in 2½-in. pots,
\$12.00 per 100; \$100.00 per 1000; 500 at the 1000 rate.

BASSETT & WASHBURN, OFFICE AND STORE,
178 N. Wabash Ave., Chicago, Ill.
GREENHOUSES, HINSDALE, ILLINOIS.

Flowering, Decorative and Vegetable Plants By the Thousands

Liberal extras for early orders.			
Size Pots.		Per 100	Per 1000
2¼-in.	Abutilon Savitzii, or 8 vars. mixed	\$2.25	\$20.00
2¼-in.	Ageratum, white, light and dark blue	2.25	20.00
2¼-in.	Alyssum, Large Giant and Little Gem	2.00	18.00
2¼-in.	Asparagus Plumosus and Hatcheri	3.00	25.00
4 -in.	Asparagus Plumosus and Hatcheri	7.50	70.00
2¼-in.	Asparagus Sprengeri, large plants	2.50	22.50
4 -in.	Asparagus Sprengeri, large plants	6.50	60.00
3¼-in.	Begonia, Flowering, 8 lead- ing varieties	10.00	90.00
3 and 3¼-in.	Canna King Humbert	5.00	45.00
3 and 3¼-in.	Cannas, Brandywine, Crimson Bedder, Crozy, 20 varieties	4.50	40.00
2¼-in.	Centaurea, dusty miller	2.25	20.00
2¼-in.	Coleus, Golden Bedder, Ver- schaffeltii and 15 varieties, mixed	2.50	22.50
2¼-in.	Cupheas, cigar plant	2.25	20.00
4 -in.	Dracaena Indivisa	12.50	
5 -in.	Dracaena Indivisa	20.00	
6 -in.	Dracaena Indivisa	25.00	
2¼-in.	Fuchsias, double and single, 12 varieties	2.75	25.00
4 -in.	Fuchsias, double and single, 12 varieties	7.50	70.00
2¼-in.	Funkia Variegata clumps	5.00	45.00
2¼-in.	Geraniums, Nutt, Ricard, Poitevine, Buchner, etc.	2.25	20.00
3¼ and 4-in.	Geraniums, Nutt, Ri- card, Poitevine, Buchner, etc.	7.00	65.00
2¼-in.	Heliotropes, white, light and dark blue	2.75	25.00
4 -in.	Heliotropes, white, light and dark blue	7.50	70.00
2¼-in.	Marguerites, white, yellow and Mrs. Sander	2.50	22.50
2¼-in.	Petunias, single mixed va- rieties	2.50	22.50
3¼-in.	Petunias, double, 15 varieties mixed	6.50	60.00
2¼-in.	Rudbeckia Golden Glow	3.00	25.00
2¼-in.	Salvia, Bonfire and Splen- dens	2.50	22.50
3 -in.	Salvia, Bonfire and Splen- dens	5.00	45.00
2¼-in.	Verbenas, very choice, mixed or separate colors, in bud	2.25	20.00
2¼-in.	Vincas, variegated and green, fine stock	3.50	30.00
4 -in.	Vincas, variegated and green, fine stock	7.00	65.00
GOLDEN LEAVED PRIVET, ovalifolium			
aureum, 6-in. pots, 18 to 24 in. high, very bushy, 35c each; 4-in. pots, bushy plants, 15c each; young plants for potting, \$6.00 per 100. Ex- cellent stock for filling urns and porch boxes.			
VEGETABLE PLANTS BY THE MILLION.			
Lettuce Plants, Big Boston and Grand Rapids, \$1.50 per 100.			
Cabbage Plants, Early Winingstadt, Wake- field, Henderson's Early Summer, etc., \$2.50 per 1000.			
Cauliflower Plants, Early Paris and Snowball \$5.00 per 1000.			
Tomato Plants, Earliana, Jewel, June Pink, Perfection Stone, Dwarf Champion, Acme, etc., \$2.25 per 1,000.			
Peppers, Egg Plants, Sweet Potatoes, etc. Correspondence Solicited.			

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

Mention the American Florist when writing

Rose Plants, 2½ in.

The quality of the plants we are offering is in keep-
ing with the splendid cut stock that won so many
first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3 00	25.00
Milady	4.00	35.00
White Killarney	4.00	35.00
Maryland	4.00	35.00
Ophelia	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

Mention the American Florist when writing

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing

Spring
List
ROSES
THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

ALYSSUM, Little Gem, thumb pots, 1 1/2 c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9.00 per 1,000; \$1.00 per 100. 3-in. strong, \$5.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

ASPARAGUS SPRENGERI, 3-in., \$6 per 100; 3 1/2-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

AZALEAS.

Azalea Mollis, bushy plants, full of buds, all colors, mixed, 12 to 15-in. high, 35c each; \$4 per doz.; \$30 per 100. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEDDING PLANTS.

Spring bedding plants. For varieties, prices and sizes, see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonias. We make a specialty of them.	
	100 1,000
Chatelaine, 2 1/2-in.	\$ 3.50 \$ 30.00
Chatelaine, 3-in.	5.00 45.00
Chatelaine, 4-in.	6.00 50.00
Erfordii, 3-in.	6.00 50.00
Luminosa, 2 1/2-in.	2.50 20.00
Luminosa, 3-in.	4.50 40.00
Luminosa, 4-in.	6.00 50.00
Prima Donna, 2 1/2-in.	2.50 20.00
Prima Donna, 3-in.	4.50 40.00
Prima Donna, 4-in.	6.00 50.00
Xmas Red, 2 1/2-in.	6.00 50.00
Xmas Red, 3-in.	8.00 70.00
Xmas Red, 4-in.	10.00 90.00
Vernon, 2 1/2-in.	6.00 50.00
Vernon, 3-in.	8.00 70.00
Vernon, 4-in.	10.00 90.00
Lorraine, 2 1/2-in.	12.00 100.00
Cincinnati, 2 1/2-in.	15.00 120.00
Pyfer & Olsem,	Wilmette, Ill.

BEGONIAS.

BEGONIAS.	
Begonia Xmas Red, 2 1/2-in.	100 \$5.00
" " 3-in.	8.00
Erfordii, 2 1/2-in.	3.00
" 3-in.	6.00
Chatelaine, 2 1/2-in.	3.50
" 3-in.	8.00
Prima Donna, 2 1/2-in.	3.00
Extra strong plants, all in bloom.	
Vernon Erfordii, Prima Donna, Luminosa and Triumph. Strong transplanted seedlings, \$1.25 per 100.	
Begonia tuberous rooted, \$5.00 per 100; \$1.00 per doz.	ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Delivery from May 15.

Per 100	
Lorraine, 2 1/2-in. pots.	\$ 12.00
Cincinnati, 2 1/2-in. pots.	15.00
Mrs. J. A. Peterson (new), 2 1/2-in. pots.	25.00
Per 1,000	200.00
JULIUS ROEHR'S CO.	Rutherford, N. J.

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2 1/2-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2 1/2-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2 1/2-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argenteo guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.	
Boxwood, 12 15-in.	Each. .35c
" 15-18-in.	.65c
" 18-24-in.	\$1.00
" 24-30-in.	\$1.25 to 1.50
Pyramids, 2-2 1/2 ft.	1.50
" Heavy	2.00
" 3-3 1/2 ft.	2.50
" Heavy	3.00
" 4 ft.	4.00
Standard, 12-in.	2.50
" 15-in.	3.50
Globes, 12-in.	1.75
All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.	
ERNEST ROBER, Wilmette, Ill.	

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

Boxwood. Well shaped plants. For sizes and prices, see advertisement elsewhere in this issue. A. Henderson & Co., 211 No. State St., Chicago.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS.

4-in. Cannas, leading sorts, yellow, red and variegated, \$4.00 per 100. SCHMAUS BROS., Paducah, Ky.

Canna. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00
WIETOR BROS.,		

162 N. Wabash Ave., Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterburg, 158 North Wabash avenue, Chicago.

Carnations, Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.
Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100	Per 1,000
Salomon Gold, yellow.....	\$2.00	\$18.00
Ramapo, yellow.....	2.00	18.00
Col. D. Appleton, yellow.....	2.00	18.00
Bonnafon, yellow.....	2.00	18.00
Chas. Razer, white.....	2.00	18.00
White Bonnafon, white.....	2.00	18.00
Dr. Enguehard, pink.....	2.00	18.00
Chrysolora, yellow.....	2.00	18.00
Halliday, yellow.....	2.00	18.00
Intensity, red.....	2.00	18.00
Lynwood Hall, white.....	2.00	18.00
Chieftain, pink.....	2.00	18.00
Alice Salomon, white.....	2.00	18.00
E. A. Seidewitz, pink.....	2.00	18.00
Clem. Touse, white.....	2.00	18.00
Bronze Touse, bronze.....	2.00	18.00
Early Touse, white.....	2.00	18.00
White Chieftain, white.....	2.00	18.00
Roman Gold, (yellow).....	2.00	18.00
Smith's Ideal, (white).....	2.00	18.00
Golden Queen, yellow.....	2.00	18.00
Buckbee, white.....	2.00	18.00
Nagoya.....	2.00	18.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock.

	Per 100	Per 1,000
Lulu, white.....	\$2.00	\$18.00
Baby, yellow.....	2.00	18.00
Overbrook, yellow.....	2.00	18.00
Mrs. A. S. Taylor, yellow.....	2.00	18.00
Saber, yellow.....	2.00	18.00
Cubit, tan.....	2.00	18.00
E. D. Godfrey, pink.....	2.00	18.00
Croesus, bronze.....	2.00	18.00
Tiber, brown and red.....	2.00	18.00
Mensa, white.....	2.00	18.00
Quinola, yellow.....	2.00	18.00
Pretoria, yellow.....	2.00	18.00
Zenobia, yellow.....	2.00	18.00
Mary Richardson, terra cotta.....	2.00	18.00
Aglo, variegated.....	2.00	18.00
H. Hicks, brown.....	2.00	18.00
Klondike, yellow.....	2.00	18.00
Mrs. F. Beu, bronze.....	2.00	18.00
Sylvia, red.....	2.00	18.00
Sydania, yellow.....	2.00	18.00
Miss Julia, yellow.....	2.00	18.00
Lilla.....	2.00	18.00
Mrs. Buckingham, pink.....	2.00	18.00
Souv. Melannia, pink.....	2.00	18.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Lynwood Hall.....	2.00	15.00

YELLOW	Per 100	Per 1,000
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odesa.....	6.00	60.00
Bonnafon.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	60.00

PINK	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	60.00

CRIMSON	Per 100	Per 1,000
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	50.00

J. D. THOMPSON CARNATION CO., Illinois.

Chrysanthemums—New Pompon Golden Wedding. Latest on the market. Color, golden yellow. Full double flower. Strong grower. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS.

We have a fine lot of Smith's Advance, Yellow Bonnafon and Josephine. Rooted cuttings ready, at \$2.00 per 100, or \$15.00 per 1,000. Cash please. Klimmer's Greenhouses, 812 Dunlop Ave., Forest Park, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton. Rooted Cuttings, \$15 per 100; 2½-in. pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

CINERARIAS.

CINERARIAS, Dusty Miller, thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

COLEUS.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

CYCLAMEN.

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 2, 2½ and 2½-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 2, 2½ and 2½-in. pots.....	\$10.00
Rose of Wandsbek, bright salmon, 2, 2½ and 2½-in. pots.....	12.00
Schoene Dresdnerin, soft salmon rose, 2, 2½ and 2½-in. pots.....	12.00
Pearl of Zehlendorf, bright salmon rose, 2, 2½ and 2½-in. pots.....	13.00
Glory of Wandsbek, bright rose, 2, 2½ and 2½-in. pots.....	15.00

An assortment of the above nine varieties at \$11.00 per 100. Can be shipped from now on.

ANTON SCHULTHEIS, College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

DAISIES.

DAHLIAS, 20 best named varieties, strong, 2-inch pot plants, \$3.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies. New kind of double Shasta. S. Murata & Co., Los Angeles, Calif.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., 35c. Harry Heim, West Toledo, O.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

15,000 ferns. Strong rooted runners. Whitman, Boston and Harris, \$2.00 per 100. Cash. E. F. ROSE, Taunton, Mass.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Ferns. Extra long new dagger ferns. Special prices in case lots. The Leo Neissen Co., Philadelphia, Pa.

GERANIUMS.

ROOTED GERANIUM CUTTINGS.

	Per 100	Per 1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Poitevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO., Illinois.

Extra fine S. A. Nutt geraniums, 2½-in., at \$3.00 per 100; \$25.00 per 1,000; 3-in., at \$6.00 per 100; \$50.00 per 1,000; 4-in., at \$8.00 per 100; \$80.00 per 1,000. 250 at 1,000 rate. Cash please. KLIMMER'S GREENHOUSES, 812 Dunlop Ave., Forest Park, Ill.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Visard and Gen. Grant, 4-in., \$7.00 per 100. \$65.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$4.00 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS., Ricard, S. A. Nutt, Jean Visard, White Buchner, 3½-in., 7c; White Buchner, 4-in., 8c. All good plants, bud and bloom. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. 10,000 S. A. Nutt, 2-in. pots, \$25.00 per 1,000. Ready now. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

GERANIUMS. Standard varieties, strong 3-in. stock, \$50 per 1,000. F. J. BENTHEY, 165 North Wabash Ave., Chicago, Ill.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, any color, full of bud and bloom, 2½-in., \$7 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

4-in. Geraniums, fine mixed sorts, bud and bloom, \$5.00 per 100. SCHMAUS BROS., Paducah, Ky.

Geraniums. Best four varieties in bud and bloom, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

Geraniums, out of 3½-in. pots, \$7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLI.

Gladiolus, America, \$11 per 1,000; Augusta, \$12 per 1,000; Francis, \$10.50 per 1,000; Halley, \$16 per 1,000; Independence, \$11 per 1,000. St. Louis Seed Co., 411-413 Washington ave., St. Louis, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GLADIOLI.

Gladioli. First size bulbs. America, pink and Francis King, scarlet, \$1.25 per 100; \$10 per 1,000. Augusta, white, \$1.45 per 100; \$12 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; huckleberry foliage, \$2.50 per case; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HARDY PERENNIALS.

HARDY PERENNIALS—Aquilegias, campanulas, calliopsis, digitalis, Glaucium luteum, hollyhocks, white and yellow; sweet williams, Shasta daisies. All 3-in. pot plants, wintered in cold frame; \$6 per 100. I. N. KRAMER & SON, Cedar Rapids, Iowa.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HELIOTROPE, 2-in. strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Japan lilies, retarded bulbs from cold storage. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington Co., Inc., 128 Chambers St., N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, Cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MOONVINES. Strong 3-in., 4c each; 2½-in., 2c each. SCHMAUS BROS., Paducah, Ky.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wycote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

PANSIES.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

PANDANUS VEITCHI, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias. Best fringed French varieties, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunias, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

PHLOX.

HARDY PHLOX, 20 best varieties, divided field clumps grown in 30-inch pots, dwarf and bushy, \$4.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in.	2½-in.
	Grafted.	Own Rt.
	Per 1,000	Per 1,000
Russell	\$120.00	none
Killarney .....	.....	\$56.70
White Killarney	100.00	56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	.....
Richmond	100.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00

POEHLMANN BROS. CO., ILLINOIS.
MORTON GROVE,

FINE 2½-INCH ROSE PLANTS.		
	100	1,000
Killarney Brilliant	\$4.00	\$35.00
Killarney	4.00	35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

Extra strong 3½-inch plants.
Sunburst

WIETOR BROTHERS,
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES.
Prima Donna (Madame Paul Euler) (the Florex Gardens strain). A grand deep pink bloom; handsome form; strong stem; fine foliage, very fragrant, better shaped, deeper color than Russell. Prima Donna is a money maker! Plants ready now, \$15 per 100; \$125 per 1,000. Order early. GUTTMAN & RAYNOR, INC., 101 W. 25th St., New York.

2½-INCH ROSE PLANTS.		
	100	1,000
Pink Killarney	\$2.50	\$20.00
Sunburst	3.00	25.00

Good Stock. Order Early.
GEORGE REINBERG,
162 North Wabash Ave., Chicago, Ill.

Roses, 2½-in., Killarney, Milady, White Killarney, My Maryland, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000; Ophelia, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

ROSE PLANTS, Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses.—Field-grown, 2-year dormant, \$12 per 100. For varieties, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

SALVIA Bonfire and Splendens, extra fine, heavy, 3-in., \$4.00 per 100; 4-in., extra fine, \$6.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

SALVIAS. Same as last year. Thumb pots, \$1.50 per 100. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SALVIA BONFIRE. Good plants, 2½-in., 2½c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Salvia, Zurich, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS. \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed. \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcheri seed. 60c per 100; \$4.50 per 1,000. Asparagus Elogatus seed. \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurst, Swedesboro, N. J.

SEEDS, BEGONIA—Luminosa, trade package, 50 each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. For varieties, see advertisement elsewhere in this issue. Simon Louis Freres & Co., Bruyeres-le-Chatel, (Seine & Oise) France.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds. High test 1914 seed corn, yellow dent and white dent varieties. Write or wire for prices. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

SNAPDRAGONS.

SNAPDRAGONS, 2-in. pots, pink, red, yellow, white and Ramsburg Silver Pink, 3c each. Cash please. B. C. Blake, R. D. 4, Springfield, O.

SWEET PEAS.

Winter Orchid Flowering Sweet Pea. New list will be ready in June; write for it. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

TUBEROSES.

Tuberoses, Double Pearl, \$12.50 per 1,000; S. Armstrong, \$13 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

VEGETABLE PLANTS.

Fine field grown cabbage plants, \$1.00 per 1,000; 5,000, \$4.00; 10,000, \$7.50. Tomato, \$2.00; pepper, \$2.50; sweet potato, \$2. Well packed and satisfaction guaranteed anywhere. TIDE-WATER PLANT CO., Box 58, Franklin, Va.

SWEET POTATO PLANTS, 3,000,000, Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancymond, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

VEGETABLE PLANTS.

Vegetable plants, cabbage and lettuce, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CELERY PLANTS. Golden self-blanching, (French strain), fine plants, ready for the field, \$2.00 per 1,000. Cash. Special prices on large lots. Brill Celery Gardens, Kalamazoo, Mich.

VERBENAS.

VERBENA. Good plants, 2½-in., in separate or mixed colors, 2c. Cash with order. GUS SCHLEGEL, Olney, Ill.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. Pot plants, fine stock, \$3.00, \$6.00, \$8.00 per 100. Sample mailed on receipt of 10c for postage. I. N. KRAMER & SON, Cedar Rapids, Ia.

VINCA VAR., 2½-in., \$3 per 100; 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

Vinca Var., out of 4-in. pots, \$12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Flowering, decorative and vegetable plants. For varieties and prices, see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, N. J.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Commercial Humus, just what you need for pot plants. 10 100-lb. bags for \$5. Commercial Humus Co., 509 Firemen's Bldg., Newark, N. J.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery of any style made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

PERFECTION BRAND INSECTICIDES AND DISINFECTANTS. Write for prices. Perfection Chemical Co., Flushing, N. Y.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Wanted—The best price on 2,000 3-inch Adiantum cuneatum. W. D. Desmond Co., Minneapolis, Minn.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

MISCELLANEOUS.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass. Syracuse, N. Y.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

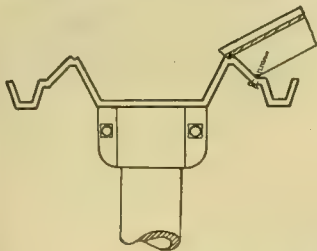
WIRE WORK.

Wire floral designs, hanging baskets and all special wire work. Write for catalogue and special discount. Sixth City Wire Works, 224 High Avenue, S. E., Cleveland, Ohio.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Use The Garland Cast Iron Gutter When You Build



It has made good in hundreds of largeranges throughout the country and is recognized by all the growers who have used it as the best in the field. Gutters that were used for twenty years in old houses were found to be practically as good as new and when the other material was thrown on the rubbish heap the Garland Cast Iron Gutters were set aside to be used in the new range. Absolutely the best and safest Gutter to use. It costs no more and lasts a life time. Get in touch with us whenever you need anything in Greenhouse Materials. Always remember that we make the greenhouse complete and that it pays to get our sketches and estimates before you build.

GARLAND MANUFACTURING COMPANY,
DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.

Oklahoma City.

TRADE GOOD IN ALL LINES.

We are having an unprecedented cool spring and every growing thing outdoors is very backward. The florists, however, say that business is very good in every branch of the trade. Mothers' day brought a bigger demand for carnations than has ever been known before; a conservative estimate of the number sold for that day is 25,000. There has also been a big demand from over the state for commencement flowers. The main trouble with these orders has been that only white flowers could be used for that purpose and it has been somewhat difficult to procure all of the stock required. The sale of bedding plants has exceeded all previous years and the end is not yet in sight as the planting season is being prolonged by the continued cool weather.

Papers have been filed by Shannon and Hickey, of the firm of Lucas, Shannon & Hickey, seedsmen, to dissolve the corporation and the store is closed temporarily until the matter is settled. The firm is perfectly solvent and it is the intention of Messrs. Shannon & Hickey to purchase the interest of Mr. Lucas, and to continue the business.

S. S. B.

New Jersey Floricultural Society.

The monthly meeting of the New Jersey Floricultural Society was held in J. O. U. A. M. hall, Orange, May 15. It was decided that the next meeting, which will be held June 19, will be "rose night" and cash prizes will be awarded for the best vase of 18 white; also for best display of hybrids. It has always been the custom of the society in the past to discontinue its meetings during July and August, but an exception will be made this year as far as July is concerned, and the regular meeting of that month will be held to make arrangements for the eleventh annual dahlia, gladiolus, fruit and vegetable show.

A gold watch fob was presented to Fritz Berglund, who resigned his position as treasurer last year after three years of faithful and efficient service. There was an excellent display on the exhibition tables and the judges, Fritz Berglund, Peter Duff, Jr., and Wm. Jordan, awarded points as follows to Max Schneider: Carnations, 90; tulips, 50; sweet peas, 60; Calceolaria hybrida, 65.

GEO. W. STRANGE, Sec'y.

DALLAS, TEX.—A hail storm, which visited this city May 15, caused considerable damage to plants in the field, but very little glass was broken.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

GREENHOUSE GLASS

We are the largest manufacturers of Greenhouse Glass west of the Mississippi River and carry at all times an adequate stock to enable us to make immediate shipment of your requirements. Our glass is heavy in thickness, well flattened and annealed, and especially manufactured for greenhouse purposes. Write us for prices.

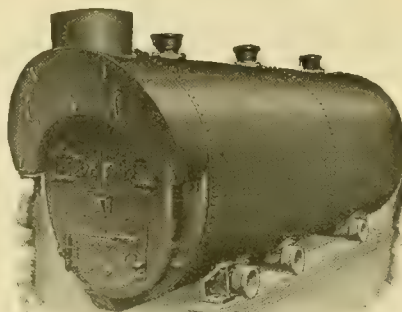
Okmulgee Window Glass Co., Okmulgee, Okla.

Mention the American Florist when writing

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
 846-848 W. Superior Street
 CHICAGO

Mention the American Florist when writing

PERFECT HOUSES

Our houses are all model buildings. Up-to-date, strong, durable, perfectly made and perfectly built. Price right.



MASONIC TEMPLE BUILDING

Boilers OF HIGH
 GRADE....
 For GREENHOUSES

See Our Catalogue.

Steam and
 Hot Water

GIBLIN & CO., Utica, N. Y.



After using all other makes, Florists prefer our

PLANT STAND

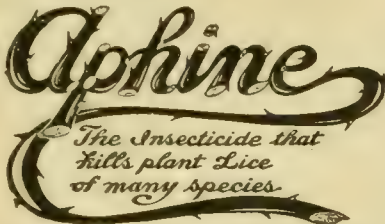
because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
 842 Grandy Ave., Detroit, Mich.

KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.**GREENHOUSES****We Claim Maximum Strength and Minimum Shadow. Investigate**

BOSTON OFFICE: 113 State St., Boston, Mass.

PHILADELPHIA OFFICE: Harrison Bldg., 15th and Market Sts., Philadelphia, Pa.

**The Recognized Standard Insecticide**

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart. \$1.50. Gallon, \$4.50.

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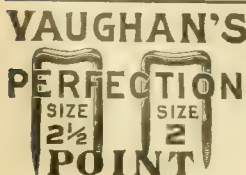
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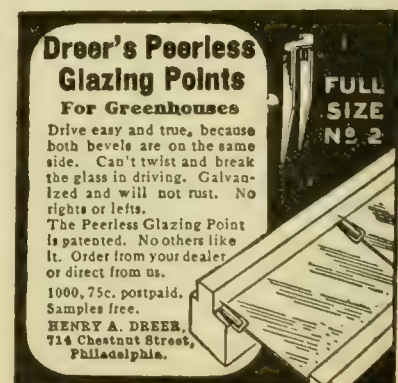
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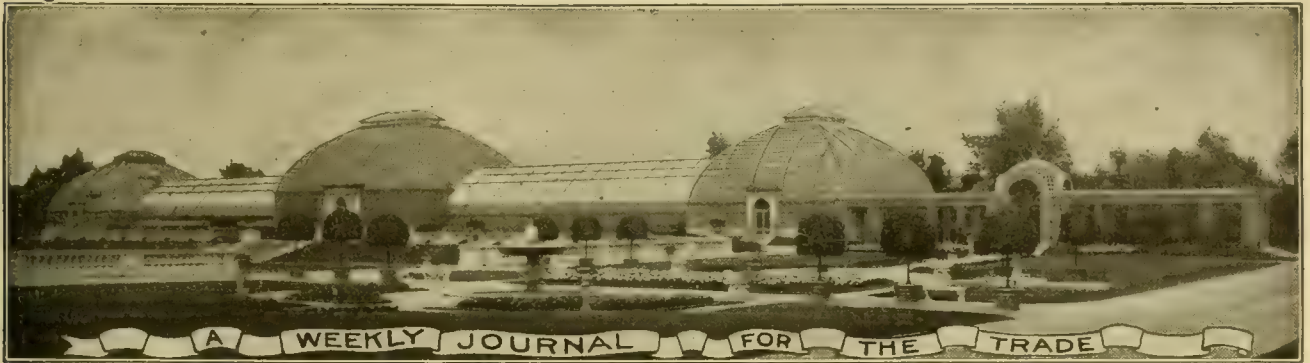
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Vol. XLVI.

CHICAGO AND NEW YORK, JUNE 3, 1916.

No. 1461

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SUGGESTIONS FOR PLANT GROWERS.

Cleaning Up.

The bedding season is over, the year's work is practically finished, the young stock for another year in preparation, and now is the time to clean house. Don't leave a lot of worthless stock scattered around the houses that takes a man's time to water, but what it is desired to save block all up together where it can be watered in a short time, and above all things throw out anything that has passed its usefulness. How often have we seen plants that would never have been of any value left standing in the greenhouses until fall planting; neglected, yet taking more or less room to be thrown out at last and the houses never thoroughly made ready for the coming crop. Get the plants that need care and attention all together and clean up the other houses. If the stock is grown in benches these will need repairing, and if badly decayed take them down and rebuild. Those that have cement benches are fortunate for they will only need repairs. Throw out all the old soil and clean up under the benches and in all the corners, and throw out any old rotting boards or pieces of crocks, and thus get rid of the vermin that invariably infest greenhouses. After the benches are cleaned out, give them a good, thick coat of whitewash in which sulphur was mixed when the lime was slacking. The advantage of this is too little appreciated by many growers. It costs but little and the prevention from fungus will often amount to a great deal. After the whitewash has dried throw a few ashes or a mulch of some kind on the wooden benches to protect them from the hot rays of the sun. Give the inside of the house a good coat of white paint; this should be done at least every other year, for the difference in the amount of light in a clean white house and a dirty one during the dark short days is material, and the increased quality and quantity of stock will more than repay for the expense and labor. Any repairs that the heating system needs

should be done at once and the boilers cleaned up ready for fall. Too often the boiler is never thoroughly cleaned out after the last firing and ashes and clinkers left lying around in a moist condition, rusting the boilers. The steam boilers should either be emptied or filled, for if the water is left standing rust will form inside just above the water line and rapidly eat into the iron. These are all necessary details to be looked after at the earliest possible moment.

Ardisia Crenulata.

The seeds of ardisia may be sown at any time during spring, and as it will take until another year to grow plants that will fruit it is not material at which particular time they are sown. The seeds are a little slow in germinating and it is better to sow them in the manner of sowing cyclamen, about half an inch apart. In early summer they should be potted in 2½-inch pots and are better grown in a frame than in the greenhouse. In the fall when brought into the houses they should be again potted in three or four-inch pots and grown in a temperature of 50°. The plants are of a woody nature and grow slowly and should not be potted into too large pots, for it is far better to allow the roots to fill the pots before shifting. The following spring they will bloom, and should then be potted in six-inch pots and given a cool location in the houses. After the fruit has formed and grown to good size the plants should be given a good sunny position that they may take on a bright color by Christmas. If the plants are grown too warm the foliage will be thin and lack the substance and luster which makes them so much admired in the cooler grown plants, and the warmer grown stock gets chilled very easily, when the berries will drop off. The only insect which infests this plant is the brown scale, which, if not destroyed, will cover the plant stem completely. These should be carefully removed and continually guarded against. If there

are any old plants that have dropped their lower leaves the top of these can be rooted in a similar manner to rooting rubbers, that is, by cutting into the stem and mossing the cut, and after the roots have appeared in the moss, the top cut off below the moss and potted.

Gloxinias.

The gloxinias that were started in late winter should now be beginning to flower. After the flower beds have set they can be placed in a little shadier location and the danger of burning the foliage be obviated to a great degree. The plants should be spaced far enough apart that they do not touch and a proper circulation of air produced around the plant. If the flowers are to be used in floral work they should be cut as soon as fully open and placed in water away from draughts, and they will keep very well; these flowers are very fragile and should be handled carefully. If there are any particularly beautiful flowers that it is desired to propagate, the leaves can be rooted in the propagating bench by placing the base of the leaf in the sand to the depth of about an inch. The seedlings should be potted along for later blooming.

Dracaena Indivisa.

The seedlings of *Dracaena indivisa* should now be taken from the flats and potted in small pots and placed in a good moist location that they may make a good growth before the fall. A palm or fern house or one with similar temperature is the best for the small stock. The four-inch stock that was not disposed of during the spring sales can be either plunged outside or planted in a frame, where they will not demand the close attention necessary in the greenhouse. If planted out they should be potted up early, at least by September 1, when the roots are active and will quickly obtain a foothold in the new soil. They should be heavily shaded for a few days after potting or some loss of the plants may result. Any old plants that have outgrown their usefulness may be propagated, the stems cut up into small pieces and laid in a propagating bed with bottom heat where the eyes will open and young plants quickly form.

Canterbury Bells.

There is always a demand in the spring for something different than the flowers which the buyers have seen all through the winter and many growers have a call for some of the forced perennials. Canterbury bells are grown for this purpose and if well grown find a ready sale. Seeds sown now and grown on in pots, being shifted into larger sizes as may be required, will bloom next spring and help furnish the grower with a variety of stock. They should be grown cool during the early winter, a violet house or one of a similar temperature being about right, and then brought into a warmer house with a temperature of 50° in late winter where they will produce fine blooms for early spring. By bringing a few at a time into the warmer house a succession of bloom may be had.

LENOX, MASS.—August Schermerhorn will build a range of three houses at Pine Croft.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The June Wedding.

THE FLORIST'S OPPORTUNITY.

The first week in June is claimed by the bride, and more weddings are celebrated at that time than any other season of the year. It is an especially good season for the florist, as there is generally an excellent assortment of outside flowers, particularly peonies, and shrubbery of all kinds. Pot hydrangeas are also at their best and nothing is more decorative than well flowered, pink or blue hydrangeas. Palms and ferns can be handled without fear of frost, and some choice specimens get outside of the greenhouse for the first time for these occasions.

THE CHURCH DECORATIONS.

How the church looks is very important; the guests arrive; they are all expectation; they sit for half an hour listening to the delightful music and



Gloxinia Imperialis.

Grown by Clarke Bros., Portland, Ore.

feast their eyes on the more or less elaborate decorations, which, whether large or small, should be in good taste and have a finish that will leave no room for criticism. No matter how familiar one may be with the building, it is best to look it over and plan out the work for each new commission. No two decorations should look exactly alike, as there are innumerable ways of arranging the same stock to produce different effects. A background of palms in the chancel or on the pulpit platform is nearly always in order. Cibotiums give a very artistic finish when arranged with palms. A swinging pot or tub holder, fitted to a flat-iron base, is admirable for the placing of such stock as ferns, hydrangeas and other short spreading plants. The holder can be placed on top of any pedestal and the plant, while securely held, tilted to any desired angle. Arches across the middle aisle are very effective, as are standards on either side bearing cibotiums or baskets of flowers.

Tall floor vases of peonies are very showy and seasonable as well. They can be used effectively among the palms or at other conspicuous points. Bunches of peonies or roses at the pew

ends of the reserved seats with generous bows of ribbon, are nearly always seen in elaborate decorations; in fact, every pew end on the center aisle is at times decorated in this way. We have seen the chancel and front of the church near the pulpit and reading desk, decorated with climbing roses, as if clinging to the walls. Wire netting with laurel as a background to cover it, was put up the day before and small tubes or vases of roses set in a few hours before the ceremony. The effect was natural and very artistic.

A wide chancel railing gives an opportunity for a bank of flowers that always attracts attention. A well trimmed prie-dieu or kneeling stool, behind which the clergyman takes his position on the arrival of the wedding party, should be one of the special features. A very nice finish is given just before the bridal procession, by laying a white muslin floor cloth the length of the aisle. This has been rolled on a stick, resting on the floor with one end tacked down immediately in front of the kneeling stool. Two of the ushers carry this down the aisle; it unrolls as they go and is fastened to the floor at the end quickly with small nails that fit into holes made for the purpose.

FLORAL EMBELLISHMENT OF THE HOUSE.

The decoration of the house depends much on the architecture. The room in which the bridal party receive is usually the feature. Here is the inevitable bank of palms or ferns with floor vases of lilies, snapdragons, white roses or peonies. A canopy of smilax, embellished with any flower desired, is a worth while addition sure to attract the admiration of the guests. Other vantage points are the mantels, over the doorways, the newel posts and banister railings to the second or third floor. Pin oak boughs take the place of southern smilax at this time and are very effective. The white flowers of the privet work in nicely with the oak leaves. The table for the bridal party should be arranged with white flowers entirely, the center a tall, slender vase with snapdragons, long stemmed roses or lilies. A pretty decoration is made with a large low rose bowl in the center of a wreath of white sweet peas or roses that encircle the table just inside side the plate line.

The large serving or buffet table looks best with a tall vase, well filled with long American Beauties. When served on the lawn, as is often the case, the guests are seated at small tables, with a vase of flowers in the center of each, the bridal party generally remaining indoors.

At times the ceremony is performed on the lawn, but in this case a chance is taken with the weather. A canopy of green and flowers is erected at the end of one of the walks where there is sufficient room to seat the guests. This space can be prettily enclosed with garlands of laurel, with bunches of flowers at each supporting post. The path leading from the house should be garlanded in like manner. Such a setting makes a very pretty effect. It is generally for an afternoon affair, and with propitious weather, it is called a beautiful wedding.

The flowers for the bridal party are important. There is great latitude allowed. Sweet peas are a favorite with many, snapdragons with others, while pink or yellow roses, larkspurs, daisies,

pink or blue hydrangeas are all suitable, either singly or in combination. Some carry colonial bunches; others have Leghorn hats filled with sweet peas. A generous use of ribbons is nearly always a necessary finish. The bride's bunch is a round or shower bouquet of lily of the valley and orchids, but some prefer white roses and sweet peas or gardenias and sweet peas. Boutonnieres are generally made of either gardenias, lily of the valley, or pompons of white carnations.

Mothers' Day—"Think it Over."

Our good Boston friend flounders around considerably in his criticism of the third largest floral holiday of the year. He does not believe it is a good thing for the florists' trade; that they will surely suffer later, in the public esteem; he quotes the lady who feels the burden of having to buy a flower for each of her children on that day, but who, no doubt, will welcome the flowers she will receive from them on future anniversaries. We are in accord with him versaries. We are in accord with him about the doggerel verse; the sentiment of the day is beautiful and no particular flowers are necessary for use in its observance. We are sure his information as to the "frosty" nature of its observance last year is incorrect, as the movement is steadily gaining in popularity. In his own city the wholesale dealers and growers all report that this season's demand was wonderful and much better than any previous Mothers' day, although there had been a heavy business last season. There was no boosting of prices, but the demand raised values all around, with carnations bringing easily one hundred per cent more than ordinary prices for the season. As to the ethics of advertising and "unwise promotion" of the sale of flowers for this occasion, we can only state that no word has been raised against the work of the Western Union Telegraph Co., who appropriated \$20,000 to advertise the day, expecting to realize a profit from the use of their system in telegrams to mothers by sons and daughters away from home. We understand they are particularly well pleased with results.

Mothers' day is a fixed floral holiday of immense benefit to the trade; the selling or advocating the use of flowers for this occasion is perfectly legitimate and he is a poor business man who will not take every fair advantage of the opportunity. Birthdays and anniversaries of all kinds are made by some florists a special feature of their business, but this national Mothers' day, with the sentiment back of it, can be made, we believe, the greatest flower day of the year.

As to assisting Miss Jarvis in her work of furthering the movement, that has so greatly benefited the trade, we are sure that all will see the propriety of such a purpose. For years she has devoted her time and funds to extending the movement in this country as well as abroad, her reward being simply the honor of having founded the day. She is still earnestly engaged in continuing this work and moneys contributed will be given to her as a gratuity for her own personal use. It is hoped that enough benefited contributors will be found to make this a handsome sum.

K.



BRIDESMAIDS' BOUQUET BY GEO. WIENHOEBER, CHICAGO.

Killarney Roses and Lily of the Valley.

Daffodil Show in London.

Each spring now brings forth a fine display of daffodils and narcissi at the Royal Horticultural hall in Westminster, and the show held in April this year was quite interesting in character. In addition to the older varieties (which still hold their own and are not likely to be ousted for many years to come) there were a very large number of new and exquisite seedlings. These show that the modern hybridizer is working on more enlightened and less haphazard lines than his predecessors, and the results achieved indicate future possibilities of great importance. Some of the very finest seedlings were unnamed. They were distinguished only by the raiser's private number, the reason being that it is scarcely worth while giving a name to a seedling, no matter however charm-

ing it may be, of which only one or two bulbs exist. When such seedlings become more common or show signs of increasing rapidly, we may be sure that their owners will lose no time in christening them with appropriate names.

As to the exhibition itself, both trade and amateur growers were in evidence. Robert Sydenham, of Birmingham; R. H. Bath, of Wisbech; J. R. Pearson & Sons, Lowdham, Notts; Barr & Sons, Long Ditton; Dobbie & Co., Edinburgh; Carter & Co., Raynes Park, and Sutton & Sons, Reading, were conspicuous trade exhibitors, each setting up his display according to his own taste. The majority contented themselves with arranging the blooms in clusters in vases, and these were generally staged in tiers, one above the other. Dobbie & Co. and Carter & Co., however, adopted more original lines. The first-

named had large fan-shaped stands with metal vases at various heights and angles, and in these the flowers were artistically set up. Carter & Co. made a fine attempt at copying nature. Undulating borders representing the soil were made and the daffodils and narcissi sprang out of these and appeared as if they had been planted there last fall. Great masses of one variety were used to set off similar masses of another. The only criticism one might make against the style was perhaps that the flowers were arranged much too regularly. If the masses had been broken up a little more in accordance with natural garden schemes, the effect would have been far more charming.

As to varieties the most conspicuous were forms of poeticus seedlings, among which were Horace, Laureate and Virgil, of definite merit. Many unnamed seedlings in this section were also greatly admired. The Ajax or large trumpet section was boldly represented by such magnificent varieties as King Alfred, Emperor, Empress, Golden King, Golden Knight, Lord Roberts, Queen of the West, Olympia, Grenadier, Golden Empire and King Harold—all of which are monsters in size in the daffodil world and worth the commercial gardener's attention. There were hundreds of other forms intermediate in size and of all shades of yellow, cream, white and orange, but it is impossible to particularize. Mention, however, must be made of R. H. Bath's "White Pennant," which secured an award of merit. This is a pure Leedsi seedling, with a large, regular trumpet which is at first tinted with pale, creamy yellow, but when fully expanded is a pure white. An award of merit was also given to Coral, shown by W. F. M. Copland, Shirley, Southampton. This is an attractive seedling, delicately pure white, with a nicely filled trumpet.

Other fine varieties whose merits may be gleaned from the various growers' catalogues were Lady Margaret Boscawen, Great Warley and Lord Kitchener, Bernardino, Crystal Queen, Sunrise, Inglescombe, White Emperor (a fine thing from C. Towne, Simpson, Bletchley), Phyllida, White Pearl and Neron, the last named a fine trumpet from Sutton & Sons. W.

Destroying Moles.

The common garden mole is in most situations more beneficial than harmful, but is a decided nuisance when it invades a well-kept lawn or a newly-planted seed bed. The burrowing habits of pine mice closely resemble those of the mole, and they frequently use mole tunnels to reach growing plants. Pine mice may be easily killed with poisoned grain, but moles seldom take poisoned baits of any kind, and special mole traps, of which there are three general types, and which require considerable experience and judgment, are the main dependence for their destruction. These traps and their method of operation, together with much information regarding the mole, its habits, control, etc., are described in Farmers' Bulletin No. 583 of the United States department of agriculture.

WINAMAC, IND.—Miss M. J. Wittmer has spent a well earned vacation in Chicago during the past few weeks.

Am. Rose Society Visits Test Garden.

There was much to interest the members of the American Rose Society in the inspection of the rose gardens at Arlington in Washington, D. C., May 23, mention of which was made in our issue of May 27, page 992. It was regretted that the backward season had hindered the development of the flowers, although some few varieties, notably the Hugonis of China, were already out of flower. Mme. Abel Chatenay, Lady Ashtown, Papa Gontier, Grus an Teplitz, Harrisoniana, Dawson, and a few others, were fairly full of flowers. The newer sorts were looked over by the judges, who used the new charts of the society, one of which reads: Novelty, 5; color, 10; fragrance, 5; lasting, 10; shape, 10; substance, 5; petalage, 5; size, 5; blooming, 15; hardiness, 10; foliage, 10; growth, 5; stem, 5. The other chart awarded floriferousness, 20; vigor, 20; color, 15; size, 15; form, 10; substance, 10; fragrance, 10.

The drizzling condition of the weather interfered considerably (although it might have been much worse), with an inspection of other interesting points of the extensive grounds of the agricultural department. The visit to "Twin Oaks" was very enjoyable, the rose arches giving promise of a great show of flowers in a week or 10 days. The collection of irises were very fine, as were the columbines. A purple petunia of unusual color and substance was a feature. This is truly an ideal garden; a wealth of beauty the entire season.

The luncheon at the Raleigh hotel was most enjoyable, the table, with its tall vase of red Radiance and baskets of Richmond roses, stephanotis and

gardenias, furnished by the Gude Bros. Co., looked especially inviting. With the serving of the ices, President S. S. Pennock called on Robert Pyle of the Arlington garden committee, who stated he thought the weather man should be consulted before next years' meeting was arranged. He praised Wm. F. Gude for his great interest in the society and the work he had done. Dr. Van Fleet was also commended for his great work in raising so many American varieties. It was Mr. Pyles' desire to see roses written into the civilization of America and the culture of roses woven into national life. All should take an interest in what the agricultural department were doing and assist by seeing that new varieties and also many old ones were furnished them.

W. F. Gude said he found it a pleasure to work for the society. Roses and beautiful gardens were places restful, where the money loving man tiring of this pursuit, finally found great repose. He strongly urged all present to ask their various representatives to give liberally to the ornamenting of the national capital which belonged to the whole people. He added that he wanted the American Rose Society to grow so that its fame would be heard around the world. J. Horace McFarland said he felt that the society should join with the great national rose organization of England and read several communications that had passed between the honorable secretary, Courtney Page, and himself, in which Mr. Page had extended the hand of fellowship and would do all he could to help in the good work. They had a membership of over 7,000 in England and if the people could be



BASKET OF ORCHIDS AT NEW YORK SPRING SHOW.

Exhibited by Max Schling.



"TWIN OAKS," HOME OF MR. AND MRS. CHARLES J. BELL, WASHINGTON, D. C.

Rose Arbor and Arches: Peonies in the Foreground.

aroused, there was no reason why even these large figures should not be possible here. He referred to the great annual issued there and the work done here in that direction. In England, membership stood at about 500 for a long time, when an educational movement was begun by issuing books and pamphlets on rose culture which had added hundreds and later thousands to their list. Their rose culture literature had not heretofore been very extensive and the interest created among amateurs is now very beneficial. The American society, should it follow along these lines, he felt, would be greatly benefited. There was a most brilliant future, for this broad country presented climatic conditions to suit every class and variety of the rose. In a list of 5,000 roses in England only 26 were of American origin. Commercial work had been necessary, but the time had now come for the amateur to take a hand and experiment in the raising of new varieties. They could go to Admiral Ward and steal from him and yet take nothing away. He believed it possible for Dr. Van Fleet to start something in the United States—an American family to build upon, the people should be taken into confidence and told of the diseases of the rose and how to combat and cure them. At Cornell test garden they were making an orderly study of the rose and needed the co-operation of rose growers in a financial way to properly carry the

work on. Wonders had been done in fruit tree diseases which had saved the country millions of dollars. The executive committee were directed to look into this suggestion of Mr. McFarland's, and if possible help with the assistance of the professional rose grower.

Prof. Mulford urged the society to assist in getting new varieties of roses for the garden, there not being half as many as they ought to have. California and the Pacific coast growers were anxious to send plants, but the expense of freight which must be prepaid should be in some way provided for. Admiral Ward spoke of the importance of stock for budding and grafting roses, different soils and environments were favorable, or otherwise, to certain root parentage. The seedling briar was the best all 'round for the purpose. The Manetti is rather short lived. The multiflora of Japan gives half again as much growth as any other stock, but it is thought to do so at the expense of color, which was very important. He said locality was a great factor, Great Britain and here being very different. Bright colored roses should be tried on different stocks and tested for color values. Jackson Dawson uses multiflora stocks exclusively.

Professor Corbett said he had become a rose enthusiast from riding across the prairies and noting the wild roses there. He was much interested in making American varieties of roses.

He was sure that to obtain the best success, we must have varieties raised here that will stand and become inured to our climate; instead of 5,000 European varieties and 25 American, it should be possible to read it the other way. In grafting, great attention should be paid to the congeniality of the variety with the stock which is to carry it. There must be the right soil for the plant that is to grow in it. In experiments as to variations of color from different stocks, it was desirable that the buds or grafts should all come from the same plant to get definite results. Individuality is very marked in different plants of the same variety.

E. G. Hill said he felt sure that if this garden was given the proper support, it would become in time national in character and reputation and rank with the best in England and France. Wonderful advancement in forcing roses had been made in this country. Bon Silene, Safrano and others of the earlier periods, had given way to the grand varieties of today, but outside garden roses had been neglected. Dr. Van Fleet and Mr. Walsh had done a great deal, but the reason that there was not the great improvement there should be, was because there was no money in it. The best new hybrid would not bring \$100. there was no decent recompense for the commercial man as an inducement. The wealthy amateurs should take it up and Mr. Hill felt sure there

would soon be some grand American roses. The amateurs in England knew all about roses, and at the large shows given there the rose growers took thousands of dollars worth of orders for their new sorts. He added that the city of Paris offers gold medals for the best roses and these are eagerly contended for. Something like that should be done here. George W. Hess invited all the members to visit the Botanic gardens, where they would find many interesting things.

Those in attendance were: E. Allan Pierce, Waltham, Mass.; E. G. Hill, Richmond, Ind.; D. M. Dunning, Auburn, N. Y.; J. Horace McFarland, Harrisburg, Pa.; Admiral Aaron Ward, United States Navy; S. S. Pennock and F. B. Michell, Philadelphia, Pa.; Robert Pyle and Antoine Wintzer, West Grove, Pa.; George M. Hess, Professor F. L. Mulford, Dr. W. A. Taylor, Dr. H. H. Hasselbring, Clarence C. Linz, Professor Corbett, George Wainwright, W. F. Gude, Adolph Gude and Ernest Gude, all of Washington, D. C.

K.

The Ficus.

The term, decorative plants, is a rather elastic one, and may cover a large variety of stock, but from a commercial point of view the list becomes much more contracted. For many years some of the ficus family have been very familiar among the trade species of decorative plants, partly from their natural beauty and partly from their enduring character. In fact, a rubber plant became almost a necessary part of the furnishing of a modern home in some localities, until

this popularity became almost its undoing, for as an article becomes common, especially one that is used for decorative purposes, it is likely to lose caste, if it ever had any. This is not intended as a criticism of *Ficus elastica*, for the writer is still a strong admirer of a well-grown and shapely ficus, be it either a single stemmed plant or a symmetrically branched specimen, and there are surely few more satisfactory plants for the window than this.

A well grown plant of the variegated form of *elastica* is also a thing of beauty, and as to its wearing qualities I can only say that I have seen it in an ordinary living room in good condition for more than a year. But to keep a variegated ficus in a dwelling for such a period requires in the first place a well-rooted plant, and one that has been given plenty of light and air in the course of its growth, for one that has been grown in a close atmosphere and under shaded glass will surely lose its leaves in a short time after it has been taken from the greenhouse. Too much water either at the root or overhead is not beneficial to the variegated ficus, and especially during the winter it should not be syringed too late in the day.

OTHER VARIETIES.

But *Ficus elastica* is not the only member of the genus that has attracted attention commercially, for during the past ten years or so the bold foliage and massive growth of *Ficus pandurata* have won many friends, and incidentally have swelled the bank accounts of some fortunate growers, even though this noble plant

is not adapted to all occasions or to the most humble dwelling. And now some of the acquaintances of our earlier years in the rubber family are being exploited to a greater or less extent, among them being *Ficus Chauvieri* and *F. Porteana*, both admirable species of the *elastica* type, but abundantly distinct from that species.

Possibly when another broad-leaved species is found desirable for the market we may be re-introduced to *F. macrophylla*, a remarkably handsome plant as a large specimen, though not quite so easily propagated as some of its brothers. Generally speaking, the ficus are easy to propagate, provided that sufficient heat and moisture be maintained to keep the stock plants in a growing condition, and although cuttings of many of the species root freely, yet the topping system is the most satisfactory.

CARE OF THE PLANTS.

For the benefit of those who may be unfamiliar with it, we may remark that the topping system referred to is that of partly cutting through the growing shoot and then binding it up with a bandage of wet moss, then keeping the moss wet and the plants rather warm until the roots show through the moss, after which the young plant is severed from its parent and potted up. These young plants naturally require some protection from the sun and wind and also abundant moisture to keep them from wilting after they are potted off, but once they are established in the pots they cannot get too much light, and this applies especially to those that may be potted late in the season. W. H. TAPLIN.



AMERICAN ROSE SOCIETY MEMBERS AT THE ARLINGTON TEST GARDENS, WASHINGTON, D. C., MAY 23.

Washington Notes.

In keeping with this beautiful city, with its tree lined avenues and wide thoroughfares, of which every American has a right to be proud, there is, it seems, a more universal demand for flowers than one finds in other communities of the same size. No doubt the beautiful surroundings of all the government buildings and other public grounds has encouraged an aesthetic taste and love for flowers that the craft have been wide awake enough to foster and increase by liberal advertising and a wealth of window displays in their many large stores. The retailers here delight in corner properties and a number of large flower shops are seen with wide fronts and show windows extending the length of the store on the cross street. J. H. Small & Sons, Z. D. Blackistone, Geo. C. Shaffer, The Flower Store, the Dupont Flower Shop, W. Marche & Co., and Robt. Bowdler & Sons, all have very elaborate show windows, which when one considers their size, are kept wonderfully well decorated. Gude Brothers Co., Inc., F. H. Kramer, and J. R. Freeman have large, inside the block stores, very deep with commodious greenhouses in the rear. The Washington Floral Co. and Geo. H. Cooke's are also beautiful stores. There are in addition to these a number of other establishments that by their attractive displays of plants in front, and more or less elaborately arranged windows and store decorations, keep in active touch with the flower buying public.

Auto delivery cars are considered a necessity with nearly all the stores, the Gude Co. having some six or eight. This store carries on a wholesale as well as retail business. Their stock is wonderful; everything in flowers and plants would just about describe it, but their 35 or 40 employees manage to handle the immense business and keep the store in order and inviting condition nearly all of the time, although the extra rushes of business does at times tax them to the utmost. A large telegraph delivery business is done here—over 100 orders have been received and filled in one day. Their windows are always attractive. A large gilt frame with baskets of flowers made a beautiful picture, while silver thistle plants from the fields growing in moss at the front, kept people guessing.

The Flower Store at Harvard and Fourteenth streets is another corner shop with fine show windows at front and side. With its tasteful decorations and the bright personality and enthusiasm of Mrs. Phillips, there can be no doubt about the success of this business. J. Dan Blackistone, 3120 Fourteenth street, N. W., opened last fall, and has quite an attractive shop. Business has greatly exceeded his expectations. S. F. Holland, 2406 Eighteenth street, out in the residential district, is also well fitted for business with a very well arranged interior and show window. There are nine months of good business here, but dull in summer, but trade is increasing all of the time.

In addition to their well stocked stores, some of the trade are quite liberal advertisers, using printer's ink in a way that would appear extravagant to a degree to those who have not tried such methods of publicity or on such a scale. F. H. Kramer runs one-half, and at times whole pages in expensive papers when he is featuring a specialty. Z. D. Blackistone is another who uses large space, in high priced advertising mediums on special occasions. Gude Bros. Co., Inc., Geo. C. Shaffer and others are also seen in newspapers, theatrical programmes and publicity mediums.

The Center Market must not be forgotten, for here in their separate stalls or some with enclosures as large as small stores, are found splendid stocks of all kinds of flowers, plants and made up work. Frank Sly, G. Milton Thomas, Robt. Bowdler & Sons, John Boyle, A. Herold, F. H. Kramer, M. J. McCabe, J. R. Morgan, C. Ponnet & Co., F. L. Schultz, and D. H. Von Bottger, all find the market a good place for business, and made up work here is quite as artistic and up-to-date as that seen in many of the stores.

J. H. Small & Sons' beautiful store, with its many windows all elaborately decorated, is always one of the show places. Z. D. Blackistone's windows are always gay with blooming plants, cut flowers, and made up work. Bedding plants are now a feature. W. Marche & Co. on the opposite corner, in addition to showy windows, carries outside a line of evergreens and hardy plants, which are very attractive.

F. H. Kramer, at Ninth and F streets, has a very showy place, with his decorative and bedding plants, large cut flowers and funeral design business. This is always one of the busiest shops in town. His extensive advertising brings him a great deal of out of town business. An insecticide of his own manufacture has quite a reputation and is much in demand.

The Dupont Flower Shop, on Dupont circle, is an ideal place, with its wide front show window and 50 feet of same on the side, which is really all front. The inside and outside display of selected plants makes this a very attractive store. Mr. Mayberry, the manager, reported business very good.

Geo. C. Shaffer's store is always gay with flowers. His windows won two prizes in April, this year, offered by the Chamber of Commerce and the Washington Times. This was in competition with all florists, dealers in fruits, fancy grocers and other branches of trade.

Leapley & Meyer, Ninth and G streets, have a showy front, and are doing an extensive business in bedding plants and seeds of which a large stock is kept at this season. Cut flowers and design work are also features.

The Washington Floral Co.'s well arranged shop on H street, with its large well decorated show window, is right in it for location. Manager Hetherington reports business very satisfactory.

C. E. Brook's branch store, Fourteenth street and Park road, and his place at 1527 Fourteenth street, were well stocked with plants, in which a large business is done.

W. W. Kimmell, at 1139 Fourteenth street, has a large greenhouse in the rear. Landscaping is a specialty and an important branch of his business.

O. A. C. Oehmler, on G street, has a busy looking shop with attractive windows. He reports business on the increase.

George H. Cooke's store on Connecticut avenue is well fitted up with attractively arranged windows and interior. K.

SALEM, N. J.—Several greenhouses are to be added to the range of the Seabrook Farms Co.

MANKATO, MINN.—Two new houses, each 20x100 feet, are being built by A. J. Kramer.

CROMWELL, CONN.—A. N. Pierson, Inc., will hold a field day at Cromwell Gardens, June 21, complimentary to the National Association of Gardeners and the American Association of Park Superintendents.

OBITUARY.

Frank A. Stecher.

Frank A. Stecher, head of the Stecher Lithographic Co., Rochester, N. Y., died at his home in that city May 22, after an illness that had lasted since the first of the year. At that time he contracted a heavy cold and found it necessary to withdraw from business temporarily. He went to Florida in the hope of regaining his former good health, but as he grew no better, he returned home early in March.

Mr. Stecher was founder of the house which bears his name, and was well known in the seed and nursery trades. For many years he was a familiar figure at the annual conventions of the American Seed Trade Association and the American Association of Nurserymen, having among members of both organizations numerous patrons for his high grade lithographic work in catalogue covers, plates, etc. Mr. Stecher's genial disposition, with his fine character and the unusual skill displayed in his business, won for him everywhere a host of life-long friends.

Mr. Stecher was born at Achern, Baden, Germany, in 1849, and came to this country when he was but 10 years old. He is survived by one sister, two daughters and several grandchildren. His funeral took place at Rochester May 25 and was largely attended.

Jonathan Nash.

Jonathan Nash died suddenly at his New York home early on the morning of May 27. He had been ill for several weeks, but was believed to be improving, when his heart failed. He was born in Essex, England, in 1853. He received a good education, and after reaching manhood, engaged in the wholesale florist business. He came to this country 22 years ago, 21 years of which have been spent with the New York Cut Flower Co. For a number of years he has been the resident manager of the firm of Moore, Hentz & Nash, which is connected with the New York Cut Flower Co. It has been written: "Say nothing but good of the dead," but there is nothing else to say about Jonathan Nash. A Christian in the best sense of the word, an educated gentleman and a good business man, he was an honor to the country of his adoption and to the florist business. He is survived by a widow, three sons and one daughter. His funeral was held at Grace Episcopal church, May 29, at 2 p. m. and was largely attended by the trade.

A. F. F.

George Vocke.

George Vocke, one of the older florists of Long Island City and Brooklyn, N. Y., died at his home, 153 Albany avenue, Brooklyn, May 28, aged 66 years. He was born in Germany and came to this country when a boy. He was for a number of years a grower at Long Island City, and later, for a number of years, was florist and gardener on the grounds of the Brooklyn Navy Yard. The last position, which we believe he relinquished because of ill health, was his last active work. He is survived by a widow, two sons and three daughters. One son, Joseph, is a salesman for William H. Siebrecht, Sr., in the Cut Flower Exchange, in which the deceased was also a stockholder. The other son, George, is a salesman for the New York Cut Flower Co.

A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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VERONICA HULKEANA has been recommended as a pot plant for April bloom.

CLIMBING IRISH FIREFLAME is among the new roses offered by Alex. Dickson & Sons, the well known Irish rose growers.

Sunflowers in Germany.

Cologne, Germany, May 30.—Garden planting of sunflowers for the sake of the oil contained in the seeds was all the rage last year. It was also sufficiently successful so that it is being urged on a large scale this spring. The very latest suggestion is that the school children of Germany shall utilize part of their spare time by systematically planting sunflowers along every mile of road in the empire.

THE price of the government postal guide, the new edition of which will be issued in July, has been reduced to 40 cents. Every florist should have a copy.

British Curtail Plant and Bulb Imports.

By an order in council signed by the king on May 10 the importation into the United Kingdom of bulbs, flower roots, plants, trees and shrubs is prohibited, except under license from the board of trade.

This order, it is believed, practically prohibits importations as above, and while it will most likely depreciate prices of all stock usually imported by British growers, including plants and bulbs from Holland and Japan, on the other hand, the value of stock grown in the British Isles will be materially increased.

Imported Nursery Stock Regulations.

New rules and regulations governing the importation of nursery stock in the United States have been issued by the federal horticultural board and will take effect on and after July 1. In the revised regulations the most important change is the provision which makes permits for the importation of nursery stock from countries which maintain nursery stock inspection and for the importation of orchids and tree seeds from those which do not maintain such inspection valid until revoked. Hitherto all permits had to be renewed each year. The other changes in the regulations are chiefly minor and matters of form.

Memorial and Arbor Day in China.

The Chinese Minister of Agriculture and Commerce has called upon the nation for the observance of Arbor day, a festival only within recent years added to the Chinese calendar. In reality no new holiday is created, for the observance of Arbor day is set for the Chinese "Ch'ing Ming" festival, the day corresponding in a great measure to our Memorial day, for on this day the Chinese all over this vast country visit the graves of their ancestors. The graves are put in order, trees are planted, and there is a ceremony to the departed. The people also ascend the hills and mountains near by, in a sort of nature worship. Five thousand magistrates throughout the length and breadth of China were instructed by the Minister of Agriculture and Commerce to exhort the people of their respective districts to an observance of Arbor day by the planting of trees. The day fell this year upon April 6. The fact that this festival was observed generally throughout China, in conjunction with the "Ch'ing Ming," speaks volumes of promise for the future of this "forestless" nation. Tree planting promises soon to become a habit with the Chinese people. The Minister of Agriculture and Commerce, in company with the Director of Agriculture, the Director of Forestry, the American forestry adviser (formerly director of forestry for the Philippine Islands), and a number of other officials went to the western hills near Peking, April 6, and there set an example to the rest of the nation in the observance of Arbor day by personally planting a number of trees.

Mothers' Day Prices.

A NOTE OF WARNING.

May 14 has been decided upon as Mothers' day, the day being designated by wearing a flower in memory of your mother and sending a flower or bouquet. A beautiful sentiment, to be sure, and where is the man or woman who wouldn't wear a flower in memory of the dearest one that ever lived, "Our Mother."

I should like to ask why this day should be robbed of its sentiment and turned into a financial proposition? Flowers that were selling at a moderate price, within reach of all, a few days previously, were advanced from 100 to 300 per cent higher. In other words, Mothers' day was made a harvest for many.

Let us always have May 14 as Mothers' day, but instead of wearing a flower, let a white ribbon be just as appropriate, and let us see who will get a corner on white ribbon and send the price up beyond the reach of those who really care and want a Mothers' day.—Mrs. F. T., in the Minneapolis Tribune, May 22, 1916.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cleveland, O., June 5, 8 p. m.—Cleveland Florists' Society, Club Room A, Hollenden hotel. Frank A. Friedley, secretary, 95 Shaw Ave., East Cleveland.

Montreal, Que., June 5, 8 p. m.—Montreal Gardeners and Florists' Club, 140 Mansfield St. W. H. Horobin, secretary, 283 Marquette St., Montreal.

Dayton, O., June 6, 8 p. m.—Dayton Florists' and Gardeners' Association, Y. M. C. A. Bldg. E. E. Schaefer, secretary, 136 S. Main St., Dayton.

Detroit, Mich., June 6, 8 p. m.—Detroit Florists' Club, L. Bomb Floral Co. Henry Foster, secretary, 237 Woodward Ave., Detroit.

Indianapolis, Ind., June 6.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, 3800 Rockwood Ave., Indianapolis.

Lake Geneva, Wis., June 6, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Charles Lockwood, secretary, Lake Geneva.

Los Angeles, Calif., June 6, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin St. Hal S. Kruckeberg, secretary, Los Angeles.

Minneapolis, Minn., June 6, 8 p. m.—Minneapolis Florists' Club, 218 North Fifth St. Wm. J. Vastka, secretary, 3340 Chicago Ave., Minneapolis.

Philadelphia, Pa., June 6, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad St., above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., June 6, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt hotel, 10th St. and Penn Ave. H. P. Joslin, secretary, 7202 Perryville Ave., Ben Avon, Pa.

Washington, D. C., June 6, 8 p. m.—Florists' Club of Washington, 1214 F St., N. W. Clarence L. Linz, secretary, 635 10th St., N. E., Washington.

Louisville, Ky., June 7, 8 p. m.—The Kentucky Society of Florists. August Baumer, secretary, Masonic Temple, Louisville.

Chicago, June 8, 8 p. m.—Chicago Florists' Club, Hotel Morrison, Madison and Clark Sts. Guy W. French, secretary, Morton Grove, Ill.

Davenport, Ia., June 8, 7:30 p. m.—Tri-City Florists' Club. Wm. Goos, secretary, Bettendorf, Ia.

New London, Conn., June 8, 8 p. m.—New London Horticultural Society. Municipal Bldg. John M. Humphrey, secretary, Municipal Bldg., New London.

Omaha, Neb., June 8, 8 p. m.—Omaha Florists' Club, Court House. L. Henderson, secretary, 18th and Douglas Sts., Omaha.

St. Louis, Mo., June 8, 2 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2. J. J. Beneke, secretary, 1216 Olive St., St. Louis.

Hartford, Conn., June 9, 8 p. m.—Connecticut Horticultural Society, County Bldg., Trumbull St. Alfred Dixon, secretary, 25 Wilcox St., Wethersfield, Conn.

Dobbs Ferry, N. Y., June 10, 8 p. m.—Dobbs Ferry Horticultural Association, Odd Fellows hall. Henry Kastberg, secretary, Dobbs Ferry.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address
 Key 637, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address
 Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address
 Key 622, care American Florist.

Help Wanted—Helpers wanted in rose houses. Apply to ALBERT F. AMLING, Maywood, Ill.

Help Wanted—Good all around grower and designer. Must be sober and willing and able to produce first class stock. T. NELSON,
 833 E. North St., Morris, Ill.

Help Wanted—A good rose grower and one assistant; state wages wanted. Address
 Key 634, care American Florist.

Help Wanted—Several experienced greenhouse men. Apply at once and come prepared to start work. ANTON THEN,
 2219 Winnemac Avenue, Chicago.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting.
 THE REMINGTON-WELCH CO. Geneva, N. Y.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address
 Key 631, care American Florist.

For Sale—Good paying retail flower store in Chicago on northwest side. Address
 Key 628, care American Florist.

For Sale—One acre of land with five greenhouses, cottage and full equipment, on account of sickness, must be sold at once.
 J. C. PAUL,
 South Holland, Ill. R. 1, Box 36.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address
 A. HANSON, 2615 F Street, Vancouver, Wash.

Wanted to Rent—About 15,000 or 20,000 feet of glass suitable for carnations, near Chicago with option to buy. Address
 Key 636, care American Florist.

Gardener Wanted

Good, sober, honest handy man; \$25 a month, room and board in very good home for right party. If you want a job all the year round address

W. F. F.,
 Care American Florist.

BUDDLEIA WANTED

We want 1000 to 2000 Buddleia variabilis from 2-inch to 2½-inch pots. State quantity available and price, mailing sample to

HENRY FIELD SEED CO.,
 SHENANDOAH, IA.

Warehouseman Wanted

Experienced man for seed warehouse. One who understands receiving, cleaning and storing seeds, bulbs, etc.

Write stating experience.

Henry A. Dreer, Philadelphia, Pa.

FOR SALE.

Will give away five greenhouses in running condition to the party who takes over this business, established 25 years ago; 250 feet frontage by 125 feet deep; brick house, three flats and a store. Price, \$25,000; one half cash. Possession July 1, 1916. Big bargain—act quick.

PEIER SROCZYNSKI,
 1523 N. Harding Ave., Chicago.

Traveling Man Wanted.

One of the largest wholesale seed houses has some good eastern territory for a live wire representative—one who can bring good trade with him and is a good, steady, hard-working representative. Write in strict confidence, giving full particulars. Address

Key 639, care American Florist.

SITUATION WANTED

Experienced storeman capable of taking complete charge. At salesman and designer. For many years connected with several of Chicago's leading retail establishments. For particulars address

Key 633, care American Florist.

Situation Wanted

Salesman and up-to-date maker-up, with eastern experience, wishes position in middle west with progressive establishment; best of New York references.

Key 629, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

FOR SALE

Oldest established greenhouse and florist business in thriving western city. Owner has other business interests and cannot devote necessary time to it. This is a splendid opportunity that it will pay you to investigate. For further particulars address

Key 638, care American Florist.

Foreman Wanted

General all around man for place in middle west.

Address

Key X, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼ x 5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Rose Bushes, Rhododendrons, Evergreens, Etc. Also Bay Trees, Bedding Plants, Potted Plants, Etc. Sales Each Tuesday and Friday, at 11 o'clock a. m.

Kansas City, Mo.

BEST MEMORIAL DAY DEMAND IN HISTORY.

Business in all lines was very satisfactory for the week ending May 27. Funeral work is especially heavy and decorations for social functions and weddings are more numerous. Orders for outside plantings and stock for boxes are more plentiful, the cool weather during the past few weeks having delayed this business. Nearly all of the local trade report a big increase in this line over last year. The Memorial day supply was large especially in peonies. These are now seen in every yard as well as at the flower shops. Carnations, roses, snapdragons and other seasonable stocks are seen in better supply. Memorial day orders up to the close of business last week were the heaviest in the history of the trade of this city.

NOTES.

At the Alpha Floral Co.'s establishment, the Memorial day demand was far beyond expectations, but preparations had been made to take care of a record breaking call. The mail order business especially showed a substantial increase over that of a year ago.

T. J. Noll & Co.'s stock for the week consisted principally of peonies, carnations, roses and Cape Jasmynes, but they were disposed of by the thousands. The number of advance orders broke a record at this establishment.

The Mount St. Mary's greenhouses prepared for a big cemetery trade and were not disappointed. The call for stock for bedding and window boxes has also been heavy.

A. F. Barbe was prepared as usual for the big rush. He had a large supply of both cut flowers and pot plants and was not disappointed in the volume of business.

W. J. Barnes reports the heaviest call for bedding plants and porch box stock of the year. He carried a heavy Memorial day stock and had record breaking business.

Arthur Newell had a wonderful display of wreaths for Memorial day. His advance orders exceeded all expectations and a big quantity of stock was disposed of.

Samuel Murray prepared for a record breaking Memorial day trade and had splendid business. An especially fine line of pot plants were a feature here.

H. Kusik & Co. handled 65,000 peonies for Memorial day, in addition to large stocks of roses, carnations, etc. The shipping trade was extra heavy.

The Geo. M. Kellogg Flower and Plant Co. handled a big supply of roses, carnations and pot plants. They also cut 49,000 peonies.

Charles Biederman & Son were "all set" for the big day and were rushed to the limit to take care of the large number of orders.

The Wm. L. Rock Flower Co. had heavy cuts of good stock which cleaned up nicely, as did some fine pots of hydrangeas.

Mrs. T. A. Mosely has been very busy with commencement work. Her Memorial day trade was brisk.

Roy Harvey has been added to Au-

gust Luther's force. Business is reported larger than expected.

The Elmwood Landscape & Nursery Co. had a cut of 25,000 peonies for Memorial day.

Jacob Hepting is cutting about 3,000 carnations daily.

James Payne had his usual rush of cemetery work.

E. J. B.

Cincinnati.

HEAVY SUPPLY FOR MEMORIAL DAY.

The supply for Memorial day was heavy. All seasonable lines were seen in good quantities, although advance orders for this day had been unusually brisk. During last week, owing to heavy dumping of stock, the market was overcrowded. Roses are in very large supply. The supply of American Beauties, too, is plentiful. The peony cut for Memorial day was also very heavy. Practically all of the local early varieties arrived in time for the occasion. Carnations are plentiful, as are lilies. Cape Jessamine glut the market, and it is impossible to move all of them. Gladioli are proving good property. A good cut of Double Poeticus is on hand. Other offerings for the day included orchids, lily of the valley, stocks, feverfews, snapdragons, cornflowers and sweet williams. The supply of greens is ample.

NOTES.

P. J. Olinger has made arrangements to rebuild the house, packing shed and barn recently destroyed at his greenhouses at New Castle, Ind.

Joe Maunder and Dollie Maunder have the sympathy of the trade in their bereavement in the loss of their mother, who died May 24.

C. E. Critchell had a fine lot of Double Poeticus from Perry, Ohio, for his Memorial day business.

E. G. Gillett reports that he had a large number of orders for Memorial day.

Visitors: Karl Heiser, Walter Gray and Wm. Lodder, Hamilton, O.; Jos. Hill, Richmond, Ind.; J. T. Herdigen, Aurora, Ind.; Frank Friedley, Cleveland, O., and Julius Dilloff, representing Schloss Bros., New York.

H.

Whitestone, N. Y.

When we called on Manager Apple, of the John M. Keller Co., we found him directing his force in planting out a fine stock of heather. Many other good plant features were noticed at this range.

Frank Pileski, formerly of Flushing, who recently bought the Bagley fruit and flower garden, has broken ground for four new houses, each 20x100 feet.

Bedding plants are a leading feature at the range of Fred. Holderer and they grow good ones; also cut flowers, which Mrs. Holderer sells in the Cut Flower Exchange, New York.

Dreyer Brothers have a fine stock of plants coming on, particularly noteworthy being a great stock of young cyclamens.

A. F. F.

Los Angeles.

GOOD BUSINESS CONTINUES.

Business is keeping up well in all lines of the florist trade in this city. Weddings and funerals are always with us, but as a rule special days come only now and then. This spring, however, with a late Easter, then Mothers' day and Memorial day have helped to keep things moving. With the exception of roses, the market seems to be well supplied with cut flowers. The girl graduate will soon be making her bow, and the florists, through her friends and relatives will have another heavy call, especially in roses. It is safe, therefore, to say that business will continue good for a time at least.

NOTES.

At Wolfskill Bros. & Morris Golden-son's corner, we noted their window banked high, a background of gladioli making a splendid contrast for an excellent arrangement of roses and sweet peas, a feature being Cecile Brunners in the foreground. Some extra fine Coreopsis grandiflora were also seen here. They report a poor condition in roses generally, but have booked splendid orders in all other seasonable lines.

As usual Wright's Flower Shop, Inc., is well stocked with everything seasonable that is procurable. This establishment grows its own roses, but reports stocks scarce in this line, many of the plants taking their annual rest.

O. C. Saakes had some very good roses on display, especially Shawyer and American Beauty. He anticipates good business for graduation exercises as well as for Memorial day.

The Redondo Floral Co. specializes on Memorial day wreaths made up with statice; also a full line of appropriate decorations.

The California Cut Flower & Evergreen Co. reports a good general trade. Shipping business was also good here.

G. H. H.

Oklahoma City.

MEMORIAL DAY DEMAND INCREASING.

Florists who also maintain a landscape department report that they are having an extremely busy season; many private citizens are having rose gardens laid out and it is just beginning to dawn on the people, that roses, when properly planted and the right varieties selected, make a grand showing in this climate and are one of the best things to plant for general purposes. Considering that it was commonly believed a few years ago that roses could not be grown successfully here, it may be remarked that we are making good progress horticulturally.

While Memorial day trade does not assume the large proportions here that it does in northern cities, there is always, however, quite a demand for cut flowers and bedding plants, and it is a noticeable fact that each succeeding year sees an increase in this trade. Local florists say they expect good business for this day, and one of their chief reasons for their prognostication is, there has been a great deal of inquiry for stock from over the state, and that is always a sure sign that the home trade will develop strong.

S. S. B.

Get Them from Vaughan's
and Get Them Good

FOR FORCING
Imported Bulbs
French
Japanese
Dutch

as well as

Bermuda and California Stocks

Bought and Inspected
by Our Own Traveler

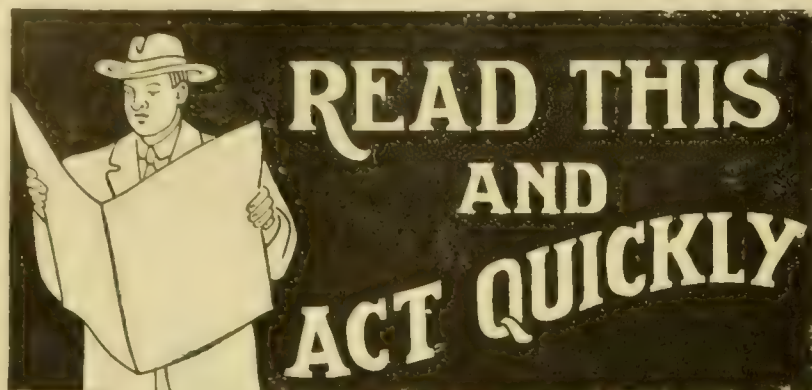
Offered by Us at Rates and Terms
to meet any competition

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

Write us for
News of Latest
Foreign
Conditions

CHICAGO

VAUGHAN'S SEED STORE, NEW YORK



YOU CAN SAVE much time and trouble, possibly money too, by making this your headquarters for your supply of Cut Flowers **BECAUSE** we are acknowledged the largest shippers on this market. **WHY? BECAUSE** we give the best quality and service, and right prices. We have the quality Cut Flowers that give the best satisfaction all the year around.

Beauties-Russell and Roses

Of All Kinds For Commencements and Weddings

CURRENT PRICE LIST—In Effect June 1st

AMERICAN BEAUTIES.		Per doz.
Long	.....	\$3.00
30 inches	.....	2.50
24 inches	.....	2.00
18 to 20 inches long	.....	1.50
Short, per 100, \$4.00, \$6.00, and \$8.00.		

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.		Per 100
Long	.....	\$8.00 to \$10.00
Medium	.....	6.00
Short	.....	2.00 to 4.00

MRS. CHAS. RUSSELL.		Per doz.
36 inches long	.....	\$2.50
30 inches long	.....	2.00
24 inches long	.....	1.50
18 to 20 inches long	.....	1.00
Short	.....	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.		Per 100
.....		\$2.00

CARNATIONS.		Per 100
Fancy	.....	\$4.00 to \$5.00
Medium	.....	4.00
Short	.....	2.00

CATTLEYAS	.....	per doz., 6.00 to 7.50
CAPE JASMINE	.....	per 100, \$2.00 to 3.00
VALLEY, \$3.00, \$4.00, \$5.00 per 100.		

PEONIES.		Per 100
Fancy pink and white	.....	\$3.00 to \$10.00
Medium	.....	6.00
Small	.....	4.00

MISCELLANEOUS CUT FLOWERS.		Per 100
Sweet peas (common)	.....	\$0.50 to \$ 0.75
Sweet peas (Spencer)	.....	1.00 to 1.50
Lilies	.....	10.00 to 12.00
Snappdragons	.....	per doz., 1.00
Daisies	.....	1.00 to 1.50
Mignonette	.....	4.00 to 6.00
Pansies	.....	per doz. bunches 1.00

MISCELLANEOUS GREEN GOODS.		
Mexican Ivy	.....	\$0.75
Smilax	.....	doz., 2.50
Sprengerl and Asparagus Sprays	.....	2.00 to 3.00
Leucothoe	.....	.75
Adiantum	.....	1.00 to 1.50
Galax (bronze and green)	.....	per 1,000 1.50
Eastern flat ferns	.....	per 1,000 3.50 to 4.00

Commencement and Wedding Accessories

It has been our good fortune to get several cases of these French baskets which we are offering at the following prices, subject to being unsold:

No. 1—17 inches high, \$0.35	No. 4—30 inches high, \$1.00
No. 2—22 inches high, .50	No. 5—36 inches high, 1.50
No. 3—26 inches high, .75	No. 6—40 inches high, 2.00

Bridal Scarfs

Pink and White 90c each

Bridal Chiffon

Beautiful, 8.inch, per yard 25c

Shower Ribbon Gauze

Per bolt of 10 yards 18c per bolt

DIRECTOIRES' STAFFS-SHEPHERD CROOKS

BRIDAL MUFFS, ETC.

Sheet Moss, Fine Fresh Material, per bag, \$2



POEHLMAN

72-74 E. Randolph St.,

KENTIAS

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEADQUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

KENTIAS

BELMOREANA MADE-UP PLANTS

Specimens, heavy, \$12.00, \$15.00, \$20.00.

BELMOREANA SINGLE PLANTS

2 1/2 inch pots, \$1.50 per dozen; \$10.00 per 100.	Leaves	Doz.
4 inch pots	5-6	16-18 inch high....\$ 4.50
4 inch pots	5-6	16-18 inch high....\$.40
6 inch pots	6-7	24 inch high.... 1.00
6 inch pots	6-7	28-30 inch high.... 1.50
6 inch pots	6-7	32-34 inch high.... 2.00
8 inch tubs	6-7	30-38 inch high.... 3.50

FOSTERIANA SINGLE PLANTS

4 inch pots	Leaves	Doz.
4 inch pots	5-6	18-20 inch high....\$ 4.50
4 inch pots	5-6	18-20 "u. high, ea. .40

6 inch pots	Leaves	Each
6 inch pots	6	28-30 inch high....\$ 1.00
6 inch pots	6-7	34-36 inch high.... 1.50
10 inch tubs	6-7	5 1/2 feet high.... 3.00
10 inch tubs	6-7	5 1/2-6 feet high.... 10.00

FOSTERIANA MADE-UP PLANTS

8 inch tubs	Plants	Each
8 inch tubs	4	38-42 inch high....\$ 3.50
8 inch tubs	4	48-50 inch high.... 5.00
8 inch tubs	4	52-54 inch high.... 6.00
10 inch tubs	4	5 feet high.... 8.00
12 inch tubs	4	60-64 inch high.... 10.00
12 inch tubs	4	5 1/2 feet high.... 12.00
12 inch tubs	4	5 1/2-6 feet high.... 15.00
15 inch tubs	4	6-6 1/2 feet high....\$18@20

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.	Each
3 inch pots, nicely characterized, doz.	\$3.50
6 inch pots	18 inch high 24
8 inch tubs	30 inch high 36
10 inch tubs	35 inch high 42 \$5@7.50

DRACAENAS

2 1/2 inch pots	Dracena Godseffiana, \$8.00 per 100.	Each
2 1/2 inch pots	Dracena Godseffiana, \$8.00 per 100.	\$1.25
6 inch pots	Dracena Lindeni, 6-in.	\$1.25
6 inch pots	Dracena Massangeana, 7 in.	\$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.	Each
6 inch pots, 4 plants.	\$1.00
8 inch pots, 5 plants, 4 in. high.	Each
8 inch pots, 5 plants, 4 in. high.	4.00

LIVISTONA ROTUNDFOLIA

4 inch pots, strong.	Each
4 inch pots, strong.	\$0.50 each
5 inch pots	Each
5 inch pots	.75 each

2 1/2-INCH GRAFTED AND OWN ROOT ROSE PLANTS

Russell	Grafted	Own Root
Russell	1000	1000
Killarney	\$120.00	None
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	56.70

Milady	Grafted	Own Root
Milady	1000	1000
Ward	\$100.00	56.70
Richmond	100.00	56.70

Cecile Brunner	Grafted	Own Root
Cecile Brunner	1000	1000
Elgar (Special Only)	\$100.00	\$56.70
Francis Scott Key	100.00	63.00

SPRING BEDDING PLANTS

Alternantheras, red and yellow	100	1000
Alternantheras, red and yellow	2.50	\$23.00
Alyssum, Sweet, 2 1/4 in.	2.50	20.00
Ageratum, Blue Dwarf, 2 1/4 in.	2.50	
3 in.	5.00	
Begonia Luminosa and Vernon, for bedding, 2 1/4 in.	2.50	
3 in.	5.00	
4 in.	8.00	
Begonia Chatelaine, 2 1/4 in.	3.50	
3 in.	8.00	
4 in.	15.00	
Caladiums, fancy leaved, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.	2.50	23.00
Dusty Miller, for border, 2 1/4 in.	2.50	
Geraniums, the best and most popular bedding varieties, pots in bloom, 4 in.	8.00	80.00
Extra strong, 4 in.	10.00	
Rose Geraniums, strong, 2 1/4 in.	3.00	
Rose Geraniums, strong, 3 in.	5.00	
Heliotropes, 2 1/4 in.	2.50	
3 in.	5.00	
4 in.	10.00	
English Ivy, 2 1/2 in.	3.00	
3 in.	15.00	
Strong, 5 in.	\$20.00 to 35.00	
German or Parlor Ivy, 2 1/2 in.	2.50	
3 in.	5.00	

Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding	100	1000
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding	2.50	22.00
Queen, 2 1/4 in.	2.50	
Marguerites, Mrs. F. Sanders, 2 1/4 in.	3.00	
3 in.	5.00	
4 in.	10.00	
Marigold, Double, 3 in. pots.	5.00	
4 in. pots.	8.00	
Pansies, best German strain, in bloom	2.50	25.00
If wanted in baskets, an additional price will be charged to cover cost of same.		
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2 1/4 in.	3.00	
Phlox Drummondii, all colors, 2 1/4 in.	2.50	23.00
3 in.	5.00	
3 in., all colors.	5.00	45.00
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Recinus (Castor Oil Beans), red foliage, strong, 4 in.	12.00	
Salvia Bonfire and Zurich, from cuttings, 2 1/4 in.	2.50	
3 in.	5.00	
4 in.	8.00	

Smilax, strong new stock, 2 1/4 in.	100	1000
Smilax, strong new stock, 2 1/4 in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fournieri, Blue, 2 1/4 in. pots	2.50	
3 in. pots	5.00	
Vinca Rosea and Alba, 2 1/4 in.	2.50	
Vinca Minor (Hardy Grave Myrtle), 3 in.	6.00	
Vinca, variegated and green, for boxes and vases, 2 1/4 in.	2.50	23.00
4 in.	\$12.00 to 15.00	
Verbenas, all colors, 2 1/4 in.	2.50	23.00
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2 1/4 in. pots	2.50	
Asparagus Sprengeri, 2 1/4 in. pots	2.50	
Nasturtium, 3 in.	5.00	
Hydrangeas—50c, 75c, \$1.00, \$1.50, \$2.00 each; larger specimen, \$3.50 to \$5.00 each.		
Cyclamen—3 inch, \$8.00 per 100.		
Calceolarias—35c and 50c each.		
Fuchsias—5c and 12c each.		
American Beauty—5 1/2 and 6-inch (just right for Memorial Day), 35 cents to 50 cents each.		

CHRYSANTHEMUMS

PINK—	Rooted Cuttings	2 1/2-in. plants
McNiece	100	1000
Enguehard	2.50	\$22.00 \$2.75 \$27.00
Maud Dean	2.50	22.00 2.75 27.00
R. E. Loeben	2.50	22.00 2.75 27.00
Patty	2.50	22.00 2.75 27.00
Wells Late Pink	2.50	22.00 2.75 27.00
Chieftain	2.50	22.00 2.75 27.00

CHRYSANTHEMUMS

YELLOW—	Rooted Cuttings	2 1/2-in. plants
Golden Glow	100	1000
Chrysolora	\$2.00	\$18.00 \$2.75 \$25.00
Yellow Eaton	2.00	18.00 2.75 25.00
Yellow Salomon	2.00	18.00 2.75 25.00

POMPONS

WHITE—	2 1/2-in. plants
Kennmitt (medium double)	100 1000
Yellow—	\$3.50 \$32.00
Knut (large early)	\$3.50 \$32.00
Mike Gabel (large)	3.50 32.00
Skibo (early bronze & yell. button)	3.50 32.00
Big Baby (button)	3.50 32.00
Madge (large)	3.50 32.00
Klondyke (large)	3.50 32.00
Quinola (bright late yellow)	3.50 32.00
Baby (small button)	3.50 32.00

PINK—	2 1/2-in. plants
Lillian Dotty	\$3.50 \$32.00
Queen Marie	3.50 32.00

POMPONS

BRONZE—	2 1/2-in. plants
Madam La Porte	100 1000
Mrs. Frank Beu	\$3.50 \$32.00
RED—	3.50 32.00
La Gravere	\$3.50 \$32.00

BOXWOODS

12-in. in burlap, 30c; in tubs or pots.	Each
12-in. in burlap, 30c; in tubs or pots.	\$0.55
15-in. in burlap, 40c; in tubs or pots.	.75
18-in. in burlap, 50c; in tubs or pots.	.85
2 feet in burlap, \$1.75; in tubs.	2.00
2 1/2 feet in tubs	2.00
12x12 in. tubs	3.00
Stevia—Fine 2 1/2-in., \$20.00 per 1000.	
New Pink Snapdragon, 2 1/2-in., \$6 per 100.	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.	
Table Ferns, 2 1/2-in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.	

N BROS. CO.
Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

YELLOW ROSES

We have a large stock.

Prices per 100: Short, \$4.00 to \$5.00; Medium, \$6.00 to \$8.00; Long, \$10.00.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stem.....	\$3.00
Extra long stems, seconds.....	\$1.50 to 2.00
Medium stems.....	1.50 to 3.00
Shorter lengths.....	.50 to 1.00

Sunburst	Per 100
Extra long.....	\$10.00
Medium.....	\$6.00 to 8.00
Short.....	5.00

**Rhea Reid--Ophelia--Richmond--Shawyer
White and Pink Killarney--Killarney Brilliant**

Long.....	per 100,	\$8.00
Medium.....	"	6.00
Short.....	"	4.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$12.00 to \$15.00
Medium.....	8.00 to 10.00
Short.....	4.00 to 6.00
Cecile Brunner	per bunch, 25c to 50c

Carnations	Per 100
Red, White and Pink extra fancy.	\$3.00
LILY OF THE VALLEY	\$5.00
ORCHID-FLOWERING SWEET PEAS	\$.75 to 1.50
ASPARAGUS SPRAYS and SPRENGERL.	3.00
FERNS, Eastern	per 1000, \$4.00
ADIANTUM	\$1.00 to 1.50
GALAX, bronze and green	per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$25.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN,

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

MEMORIAL DAY TRADE VERY GOOD.

The Memorial day trade this year was very good and compares most favorably with that of 1915. Business could have been much better, but very few complaints in regard to poor business are heard. The shipping trade was exceptionally good, but the heavy rain Monday, May 29, affected the city demand to such an extent that the buying was rather light. Considerable business was done on the morning of Memorial day, and while there were more than enough flowers to go around first-class stock was none too plentiful. The excessive heat of last week brought the stock in in large quantities and affected the quality to such an extent that it was impossible to use some of the flowers to ship any great distance. The mercury registered 90 $\frac{1}{4}$ degrees Friday, May 27, which was the hottest weather of the year and a record-breaker for so early in the season. Though the bathing beaches were not officially opened, hundreds of bathers sought the cooling waves of the lake and all the parks were thronged. The expressmen's strike caused a lot of extra work for the wholesalers, but all orders were pretty well taken care of and no one has any license to kick in this regard, for the florists are getting better service than any other line of trade in the city, which means a great deal. Peonies were unusually plentiful this year and sold well, but there never was such a large supply of poor quality stock offered for Memorial day, which was no doubt due mostly to hot weather and the delay in reaching the stores. Other stock also suffered considerably from the heat and what real good stock was offered was quickly disposed of at

CUT PEONIES--GERANIUM PLANTS

Plenty of Stock—Write for prices on what you need.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

satisfactory prices. Roses and carnations sold well, but did not bring as high prices as one expected they would. American Beauty roses, lily of the valley and orchids were scarce, notwithstanding the fact that there was a good supply of out-door lily of the valley offered. Sweet peas sold well and some magnificent stock was seen. Lilies and callas had a good call and there was no great surplus left when the stores closed at night. Cape Jasmines were plentiful and arrived in unusually fine condition this year. Lilac was not as plentiful as in other years and what stock was offered sold quickly at fair prices, but there was a lot of inferior stock seen which was dumped almost as quickly as it was unpacked. Gladioli were in good supply and had a fairly good call. Snapdragons, iris, feverfew, larkspur, swainsona, Double White narcissus, daffodils, candytuft, daisies, pansies, violets, poppies, tulips, mignonette, cornflowers, calendulas and a raft of other indoor and outdoor miscellaneous flowers were included among the offerings and in some instances had a surprisingly good call.

NOTES.

Members of forty-three of the teams in the Chicago Junior Baseball league assembled at Armour square last Saturday, May 27, and then paraded to the White Sox park where "Bobby Roth day" was celebrated. Upon arrival at the park the teams encircled the grounds once, following which the

league officials presented Roth, who formerly was a member of the Sox and is now with the Cleveland Indians, with a gold watch and a beautiful floral token.

The date of the flower day for the benefit of the Frances Willard hospital has been set for June 9. Two hundred young women will sell the flowers and fourteen of the leading society women will chaperon them. The committee selected a good time and will no doubt receive the support of many of the local wholesale florists.

Vaughan's greenhouses at Western Springs now have their rush orders well in hand. The business shows a 20 per cent increase. A large proportion of the orders coming a month late has made the season a difficult one.

T. R. Otsuka, the well known landscape gardener of 300 South Michigan avenue, is engaged on a very extensive Japanese garden for F. A. Seiberling, of Akron, O., with a large force of men.

A. E. Hunt & Co. are cutting a dandy supply of poppies which are in brisk demand for window displays and basket work. They market all their stock at D. E. Freres' wholesale store.

E. C. Pruner, representing Poehlmann Bros. Co., returned from a successful out-of-town trip in plenty of time to spend Memorial day at home.

The Chicago Florists' Club will meet at the Hotel Morrison, next Thursday, June 8, at 8 p. m.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY SUPPLY

Fancy Roses and Carnations

For the June Weddings and School Closings, so send your orders direct to us.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond

Killarney

White Killarney

My Maryland

Sunburst

Ophelia

Milady

	Per 100
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

Per 100

Roses, our selection

Carnations, fancy

Harrisii

Peonies

Valley

Sweet Peas

Adiantum

Asparagus, per bunch

Ferns, per 1,000

2,000,000 Feet of Modern Glass

The preparedness parade, June 3, will be composed of ten grand divisions instead of six, as was originally planned. Each grand division is roughly estimated as being 20,000 strong. The units are distinct from the national guard division, in which 5,000 soldiers will march. It is now estimated that the parade will consume about twelve hours in passing, beginning at 9 or 9:30 a. m. At 6 p. m. an hour's recess may be ordered, but the police line will be maintained and the route kept clear for the evening division. At least 20,000 men representing the packing industry will be in line and the committee of the stockyards industries to have charge of the organization of the marchers in their division includes Dwight L. Harris of the Pulverized Manure Co.

Erne & Klingel had a wagon load of peonies tipped over about four o'clock on the afternoon of May 17 by the striking express drivers at the south end of the State street bridge as they were taking them to the Western cold storage plant. August Barnett, one of the Erne & Klingel force, was with the driver and promptly notified his house, but fortunately no flowers were lost, which Chas. Erne was afraid of, who reached the scene shortly after the trouble. Riot calls were sent to two police stations, but the attackers had disappeared before the police arrived.

A. L. Vaughan & Co. report a splendid Memorial day trade with the sales running considerably ahead of last year. This firm had a magnificent supply of peonies to offer in addition to their regular line and cleaned up much better than they expected to. J. Mohrie helped the regular force out during the rush, which had more orders than it could conveniently handle alone.

Walter Kennicott cut his first local peonies this week, mostly Old Reds.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

COMPLETE LINE

Wedding AND Commencement Cut Flowers

Try us and you will get the best stock there is obtainable in this market at the most reasonable prices.

Chicago's Largest Dealers in Decorative Greens

Mention the American Florist when writing

Mr. Kennicott says he has heard more or less talk of the scarcity of labor, but adds that he had no trouble in getting all the help he needed for the next four or five weeks.

The George Wittbold Co. had the decoration for the electrical convention held at the Auditorium theatre last

week and will arrange the decoration for the republican convention to be held in the Coliseum. Louis Wittbold has solved the labor problem at Edgebrook by employing 25 Polish women to do the potting and other light work about the greenhouses and the results so far have been very satisfactory.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Send Us Your Cut Flower Orders for Weddings and Commencements and You Will Not Be Disappointed.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50
White—KILLARNEY—Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00
SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00
GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION	\$3.00

CARNATIONS.	Per 100
Fancy	\$3.00
Good	\$1.50 to 2.00
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Peonies	\$5.00 to \$8.00
Ferns, per 1,000	4.00
Smilax, per doz.	2.50
Adiantum	1.00
Sprenger, per bunch ..	.50
Asparagus Sprays, bunch ..	.50
Other Green Goods	Market Rates.

Mangel, the Palmer House Florist, had the decorations for the opening of the new Lyon & Healy building last week. His conservatory is nicely stocked up with blooming and foliage plants of all kinds and a dozen small, live ducks are a side attraction for the visitors. Someone left the door of the conservatory open May 28 and when no one was looking the ducks walked out and started to parade east on Monroe street to Wabash avenue and got lined up in battle formation before anyone noticed them. It was more fun than a picnic to see the boys catch them and to avoid their joining in the preparedness parade on June 3 a special cage has been built for them in the rear of the glass house facing the hotel lobby. Mangel's new store in the Edgewater Beach hotel will be opened next month.

W. P. Kyle, of Kyle & Foerster, says that it would be perfectly lovely for the trade if all the marchers in the preparedness parade, June 3, could be induced to wear a carnation on that day. Over 200,000 will be in line and about that many carnations disposed of would strengthen the market considerably.

The Central Floral Co.'s store on North State street was robbed of \$37 one night last week after the store was closed for the day. Peter Duris says that the robbers climbed through the transom over the main entrance and then rifled the cash register, making their escape the same way.

The White House Florist had a very good Memorial day trade and was called upon to make a number of American flags of flowers in which red and white carnations, feverfew and cornflowers were used. The pieces were very pretty and were greatly admired by their many customers.

Daniel Branch, 313 East Fifty-first street, recovered his automobile through the police, which was stolen last week. The thieves stripped the car of everything of value and then abandoned it on the west side, where it was located several days later.

Harry J. Murphy, formerly of Grand Rapids, Mich., was in the city this week on business in connection with the new store that he will open at Lansing, Mich., next fall in the new bank building there.

A. C. Kohlbrand, of the E. C. Ameling Co., attended the funeral of his sister, Mrs. Arthur J. Becker, at Cov-



THAT YOU CAN GET THEM HERE

Corsage Shields

"BLOWDEN" \$2.00 per dozen—
\$20.10 per gross.

Corsage Ribbons

All leading shades. No. 7—70c per bolt;
No. 9—90c per bolt.

No. 2 Gauze

All Colors. Just what You Need. 22c per bolt.

Choice Cut Flowers

Large supply of Roses, Carnations, Calendulas, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas, Baby Gladioli.

PEONIES—GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

ington, Ky., Monday, May 29, and was greatly missed at the store during the Memorial day rush.

George Reinberg cut a good supply of Richmond roses all last week but they were of such good quality that Manager Northam did not have a flower left when the store closed for the day, May 26.

H. E. Philpott, of Winnipeg, Can., is here this week on business. He gave the boys a lift at Pyfer & Olsem's retail store in Wilmette during the Memorial day rush.

Miller & Musser handled a good supply of choice peonies for Memorial day and will have enough to supply their customers with for several weeks to come.

M. C. Gunterberg added a peony grower to her list of consignors just in time to get her share of the Memorial day business, which was the best in years.

John Schoepfle, 933 Belmont avenue, has had a remarkably good season and reports an abundance of funeral orders which has kept his force busy right along.

One of the young South Wabash avenue retail florists will join the ranks of the benedicts in the near future. Further particulars later.

The Foley Greenhouse Manufacturing Co. is furnishing the material for

three new houses for Goerger Bros. at Arlington Heights.

Herbert Stone has been having some very pretty window displays recently at the Atlas Floral Co.'s store on East Randolph street.

O. A. & L. A. Tonner had a very satisfactory Memorial day trade in both their cut flower and supply departments.

H. C. Blewitt is cutting a large supply of fine sweet peas, which he is marketing at A. L. Vaughan & Co.'s store.

Walter Adams, 1021 Rush street, is now ably assisted at his store by J. J. Krell, who joined the staff a few weeks ago.

L. C. Busse, of Mt. Prospect, is building a new house, 40x200 feet, and a service building, 40x60 feet.

Bernard J. Schriener, 849 Irving Park boulevard, was forty-five years young, Saturday, May 27.

Elmer Sigwalt, of Arlington Heights, is building two new Foley houses, 40x200 feet.

A. W. Herre, with Poehlmann Bros. Co., has returned from an eastern business trip.

Miss Elsie Schnapp has joined the sales force at Mangel's Palmer House store.

A. F. Longren spent Memorial day at home this year.



Order Your Wedding
and Commencement
Flowers From Us.

Large supply of everything mentioned in the Price List below.

Current Price List Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00

	Per 100	\$
Richmond, fancy	8.00	
" good	\$5.00 to 6.00	
" short	3.00 to 4.00	
White Killarney, fancy.....	8.00	
" good	5.00 to 6.00	
" short	3.00 to 4.00	
Ward, fancy	8.00 to 10.00	
" good	5.00 to 6.00	
" short	3.00 to 4.00	
Sunburst, fancy	8.00 to 10.00	
" good	5.00 to 6.00	
" short	3.00 to 4.00	
Killarney Brilliant, fancy...	8.00 to 10.00	
" good	5.00 to 6.00	
" short	3.00 to 4.00	
Roses, our selection.....	3.00	

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white.....	\$3.00
Red and pink	2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz.,	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Cape Jasmine	1.50 to 3.00
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 4.00
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.
NOT INC.
PHONES:
CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

**Z M
E A
& N
C N
H N**

EXTRA LARGE SUPPLY
Russell-Ophelia
SUNBURST-KILLARNEY-WHITE KILLARNEY
AND WARD ROSES FOR THE
June Weddings and School Closings
SWEET PEAS.

Most beautiful stock ever offered. Just what you need for your wedding bouquets and corsage work. Mammoth supply in all lengths of stems—plenty for everyone—so order here.

LILY OF THE VALLEY-PEONIES-LILIES-ETC.

Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago
L. D. Phones
Central 3283
Automatic 42-965

The Alpha Floral Co. made a large showing of cut flowers for Memorial day and advertised extensively for the occasion. Everything went along lovely until the weather man turned on the faucet and sprinkled the city so thoroughly Monday, May 29, that trade was not as brisk as it might have been otherwise.

Nick Monsen, 3640 Fullerton avenue, reports a busy season. He is ably assisted at the store by Mrs. Monsen which permits him to attend to the buying and make his daily trip to the market.

The Fleischman Floral Co. had an appropriate window display for Memorial day, consisting of a large wreath

of magnolia leaves, wheat sheaves and callas backed by three American flags.

Dick Rolson says that trade has been very good at the Flower Craft, 1514 Hyde Park boulevard, of which F. L. Eagleston is the proprietor.

Miss Frances Ludlow, of Vaughan's Seed Store, has been visiting St. Louis friends this week.



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Cape Jasmine, Baby Gladioli, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc., for June Weddings and School Closings. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The expressmen's strike is not over yet, but rumors have been numerous the past week to the effect that the men would be back to work by June 1, but at this writing, May 31, there does not appear to be much truth to the report. In an effort to facilitate arbitration, a delegation, headed by Robert E. Crowe, called on Mayor Thompson, May 29, which was the third effort made by the strikers to prevail upon the mayor to bring about a conference. Fred Lautenschlager is still managing the special service inaugurated by the trade, and, everything considered, no one has any reason to complain, for the florists are getting better attention than any other line of business in the city.

A. J. Knapp, of Evansville, Ind., is shipping a large quantity of peonies to the E. C. Amling Co. in a ventilated box that appears to be just about what the grower needs for shipping his stock into the market. The box he is using holds about 40 dozen peonies, and is made of elm so as to be as light and strong as possible. The corners are iron bound so as to give it the necessary strength and avoid breakage, and the box itself is self-locking with a separate seal for each one. Mr. Knapp says that the boxes cost him \$2 each and have given such splendid satisfaction that he can safely recommend them to any grower who would like to give them a trial.

A. I. Simmons, 242 West Sixty-third street, has the sympathy of the trade in the loss of his wife, whose death occurred Friday evening, May 26. Mrs. Simmons dropped dead in the store and heart disease is said to have been the cause of her death. The funeral was held Monday morning and the remains laid to rest in Oakwoods cemetery. She was a sister-in-law of Mrs. J. L. Raske and Fred Ronsley and was well and favorably known to the trade. The floral offerings from the wholesale and retail florists were many and beautiful and the funeral was well attended by members of the trade.

Poehlmann Bros. Co.'s supply department has just received a large importation of French baskets which always play so important a part in the June weddings and school closings. The cut flower department had a dandy Memorial day trade and got out all their shipping orders on good time, notwithstanding the expressmen's strike, which caused a lot of extra work.

Wietor Bros. had a tremendous supply of carnations for Memorial day, which enabled them to take care of all their regular customers in fine shape, as well as several of the wholesalers. Sunburst roses are in fine crop with this firm and some exceptionally fine stock is seen at this house this week. The Memorial day trade was very satisfactory and will run considerably ahead of last year.

The Chicago Flower Growers' Association had a good Memorial day trade and report the shipping trade as exceptionally brisk. Roses and carnations are seen in large quantities at this establishment and their list includes all the old standards and best new varieties.

Frank Schramm, of Crystal Lake, is adding two more Foley houses, 40x225 feet, to his range. He is shipping his stock to Des Plaines during the expressmen's strike and from there it is brought in by truck to Kyle & Foerster's store where his entire output is handled.

A. Lange always has a pretty showing of cut flowers at his East Madison street store and Memorial day was no exception. Trade for Memorial day was as good as could have been expected at this establishment, considering the unfavorable weather conditions.

Peter Reinberg has a splendid Memorial day trade with the shipping demand exceptionally good. Stock cleaned up nicely in all lines at this house, according to Felix Reichling, who adds that the sales will compare most favorably with those of last year.

A. T. Pyfer & Co. had their share of the Memorial day trade and filled an unusually large number of shipping orders. Peonies, roses and carnations are arriving in large quantities at this store but are cleaning up fairly well each day.

Bassett & Washburn are cutting heavily in yellow roses, which are always in brisk demand for weddings and school closings. The Ophelia and Rhea Reid roses that this firm is cutting are of unusually fine quality.

Percy Jones is supplying his trade with a choice grade of ferns and has plenty on hand to supply everyone with until the next crop is available. Double White narcissus is one of the principal offerings in cut flowers this week.

Mike Seganos, a frequent visitor in the market and proprietor of the Hammond Floral Co.'s store, at Hammond,

Ind., is pleased with business and reports that his sales are running about 30 per cent ahead of last year.

George Wienhoeber had several orders for the Hill funeral, the prettiest of which was that of the C., B. & Q. railroad, consisting of a large wreath of palm leaves, lilies, orchids, lily of the valley and statice.

Zech & Mann's store force, captained by Allie Zech, were busy as bees handling the Memorial day business, which was up to all expectations, notwithstanding the heavy rain Monday, May 29.

J. A. Budlong is cutting a good supply of Lady Alice Stanley and Francis Scott Key in addition to their regular line of roses, including the two favorites, Ophelia and Mrs. Chas. Russell.

Fred Ottenbacher is back on the job again at Zech & Mann's store after serving nearly a month on the jury, three weeks of which were spent on the long-drawn-out Kellogg case.

Schiller's downtown store had a special Memorial day window display in which the red, white and blue played an important part.

Mike Callahan, foreman of the Hoskins Floral Co.'s greenhouses, at Elmhurst, is the proud father of a baby boy.

Nassau County Horticultural Society.

The tulip show held by the Nassau County Horticultural Society, May 19, brought forth a magnificent display of these popular flowers. The major part of the exhibition was composed of Darwins, although Cottage, Breeder and Picotees were also well represented. The competition in almost every class was very keen and the judges, James Bell, George Wilson and James Duthie, had a rather difficult task in making the decisions. John H. Johnstone, gardener for George D. Pratt, and Ernest Westlake, gardener for W. H. Porter, were the principal prize winners, the former being awarded five firsts and six seconds, while the latter had four first and an equal number of second prizes to his credit. The following were also given awards for meritorious displays; John W. Everitt, gardener for John T. Pratt; Robert Jones, gardener for Percy Chubb; S. D. Brewster, Herbert Pratt and Frank Johnson, gardener for Harold Pratt.

H. G.

U S Budlong's
E Blue Ribbon Valley.

FOR YOUR WEDDINGS

Big cut of Russell-Ophelia-Sunburst-Double White Killarney-Killarney Brilliant Pink Killarney-Richmond-Milady and Ward Roses to offer in addition to heavy supplies of Carnations-Peonies-Valley-Sweet Peas-Callas-Harrissi-Galax Asparagus-Sprengeri-Adiantum, as well as other Seasonable Stock and Greens.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

June Weddings and Commencements

Everything in Cut Flowers and Green Goods that You Need

Particularly Roses, Valley, Orchids, Peonies, Sweet Peas and Lilies

Nashville.

COMMENCEMENTS BRING BUSY DAYS.

With the many schools and their various departments having exercises and recitals, one after another, the past two weeks have been busy ones for the local trade, flowers having played an important part in the various commencements, and there seems to be no let up for some time to come, as upon this comes Memorial day, although much of the demand for this occasion is supplied from the home gardens. The florists are even asked to donate of what surplus they may have on hand. Following the national Memorial day, there comes the day of decoration of the graves of those heroes who fought on the Confederate side, and which is observed June 3. The supply of flowers has been excellent, there being a profusion of roses in all varieties, lilies and carnations, to say nothing of a general variety of other seasonable stock. Peonies have been in wonderful supply, but are slacking up somewhat at present, but lilies, both Harrissi and callas are strong favorites in decorative work.

NOTES.

The public schools have limited the commencement flowers this year to one bouquet to be carried in the arms. There is usually a class flower and this year it is the Kaiserin, tied with a chatelaine of gauze ribbon. At Ward-Belmont college, however, the friends of the graduates are at liberty to send flowers without stint, and as a result the platform was a perfect bower of flowers as well as young ladies.

As a feature to call attention to the minstrel show given by the Shriners last week, the Joy Floral Co. decorated one of its windows with the emblem of the order in flowers. The other window was given over to the "sweet girl graduate" with her diploma and the indispensable bouquet.

Funeral work continues heavy. This had added much to the already brisk demand. M. C. D.

SCRANTON, PA.—A 23-foot extension is to be added to the Cleland greenhouse and a new office building erected. The improvements will cost about \$9,000.

NEW FERNS

New Ferns..... \$1.35 per 1000
Dagger Ferns 1.15 per 1000
Green Sheet Moss. 1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

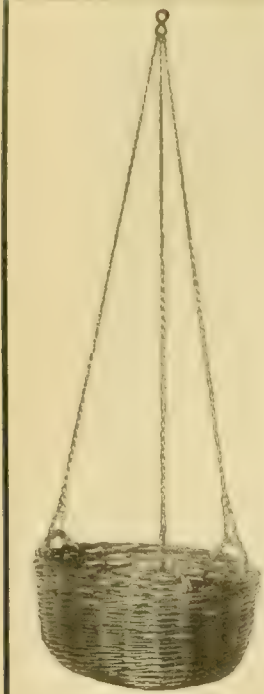
Everything in Southern Evergreens

EVERGREEN,

ALABAMA

MONTREAL, QUE.—F. W. Bertrand has moved his flower shop to more commodious quarters on St. Catherine street, west.

BALTIMORE, MD.—John Miller, who has been in poor health since an accident last summer, will sell his establishment at 3646 Old York road and retire from business.



HANGING BASKETS

Ferneries on Stands—Jardinieres for the Sun
Parlor, Porch and Arbor—Window Boxes.

Bridal Staff Baskets
Shepherd's Crooks
Bride's Staffs, Etc.

If you have not already received one of our illustrated circulars send for it today. You should never be without one.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO.

Louisville, Ky.

The bad weather which followed the planting season has had its effect on the nursery trade here, business not being up to its usual standard. Some nursery stock, imported from Holland, due here about April 1, was not received by Donaldson & Co. until May 15, and was found in such poor condition that it was not worth the duty and freight charges. Another shipment consigned to the F. Walker Co., on contract to arrive not later than April 1, reached here 45 days late and was refused.

While the Memorial day trade in this city is improving from year to year, it does not as yet amount to a great deal as far as the local florists are concerned. Mothers' day demand this year was double that of any previous year, however.

The 5 and 10 cent stores have been handling plants and cut flowers this season, being supplied by a local florist, but do not seem to be doing any great volume of business.

P. A. Reynolds, who was confined to his home with a severe case of ivy poisoning during the busiest part of the season, is able to be about again.

Bedding plants are in brisk demand. The season opened here about May 1 and will close about June 10.

Louis Kirch will change his heating plant from hot water to steam this summer.

W. L. Brady has entered the wholesale selling field, making a specialty of roses.

H. G. W.

Middle Village, N. Y.

Middle Village, about a half hour's ride from the heart of New York city is an interesting place to visit, particularly during the week preceding and on Memorial day. There are here grouped, and in the adjoining village of Maspeth, over 50 florists, nearly all of whom have some glass. The individual area varies from less than 1,000 to 10,000 square feet, though a few have from 18,000 to 25,000 square feet. Plant growing for the trade of the large cemeteries located there is the principle business, and when we visited

the various ranges, just before Memorial day, trade was very active. Rose bushes, geraniums, fuchsias and all the smaller bedding plants were very noteworthy. We were attracted by numbers of fine fuchsias which we believe are admirable for cemetery work, as they do better in the shade of trees, than most plants.

NOTES.

McCloskey & Dehn is a comparatively new firm, as both are young men, but they have a neat store at 2288 Metropolitan avenue and a well kept range on Pulaski street. There are many other good florists, and one noteworthy feature at Middle Village is, that father and mother and all the boys and girls work.

John Baumann has a prosperous store at 1722 Metropolitan avenue, where he also has glass. Near Juniper avenue he has a well constructed range, the whole totaling about 20,000 square feet.

The venerable Fred Bauer (he is now 79 years old), is probably the oldest florist of Middle Village, and has been a hard worker, frugal and saving.

John F. Fieber, successor to Jacob Vetter Riede, is another of the enterprising young men who are building up a good business.

Fred. Marquardt has a fine store and range at the terminal of the Metropolitan avenue elevated line, and has an excellent business.

Fabian Oskierko has a neat range on La Farge street. He is a good plantsman and an agreeable and clever gentleman.

A. F. F.

TAUNTON, MASS.—V. B. Olson has purchased the greenhouses of E. F. Rose, 20 Bay street. He will take possession July 1.

WORCESTER, MASS.—Misses E. E. and L. E. Smith will build a greenhouse on North street and engage in the florist business.

OBERLIN, O.—Paul Wainwright, formerly of Lisbon, O., has purchased the greenhouse of Wm. Humm, his brother-in-law, and has taken possession.

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

JAMESTOWN, N. D.—Jacob Dekker, proprietor of the Jamestown Floral Co. since the first of the year, has sold his interests to the Valley City Floral Co.

ORANGE, N. J.—The eleventh annual exhibition of dahlias, gladioli, fruits and vegetables of the New Jersey Floricultural Society, will be held September 18.

FREEMONT, ILL.—John Bauscher has rebuilt his range, which was destroyed by fire last winter, and now has one of the most up-to-date establishments in this section of the country.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phone Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

S. ENOMOTO T. HONDA

Enomoto & Co., Inc.

Wholesale Florists

35 ST. ANNE ST., off Bush St. near Kearny
Phone: Douglas 4295 SAN FRANCISCO, CALIF.

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.
751 S. Broadway, LOS ANGELES, CALIF

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	50@2 50
Per 100	
" Beauty, short.....	\$4 00@6 00
" Hoosier Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	2 00@10 00
" Milady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Cecile Brunner.....	2 00@3 00
" George Elgar.....	2 00@3 00
" Fireflame.....	4 00
" Our selection.....	3 00
Carnations.....	2 00@4 00
Cattleyas..... per doz., 6 00@7 50	
Gardenias..... per doz., 2 00@3 00	
Jonquils.....	1 00@3 00
Peonies.....	2 00@8 00
Tulips.....	2 00@4 00
Lilium Harrisii.....	10 00@12 50
Mignonette.....	4 00@6 00
Sweet Peas.....	75@1 50
Valley.....	3 00@5 00
Adiantum Croweanum.....	1 00@1 50
Snapdragons..... per doz., 75@1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Calendulas.....	3 00@4 00
Ferns..... per 1000, 3 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings..... each, 60@75	
Smilax..... per doz., 2 00@2 50	
Sprenger, Plumosa Sprays.....	3 00@4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



EXTRA LONG NEW DAGGER FERNS

Booking orders now—Special Prices in case lots. The Best Ferns you have ever used so early in the season.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Columbus.

GOOD MEMORIAL DAY BUSINESS.

A favorable feature of the Memorial day trade was the shortage of garden flowers. This was in marked contrast with last year, when there was a great supply from this source, particularly in peonies. Part of the gain to florists from this reversed condition has been offset by considerable stock going to waste. Shipped-in flowers, even from short distances, went to pieces in the case of many consignments, through lack of normal hardiness. From their own greenhouses a number of Columbus florists were able to have on sale beautiful peonies when the rush set in, but the supply was not equal to the demand. Carnations were in ample supply, 75 cents a dozen being the standard price. Roses sold from \$1.50 upwards. All kinds of wreaths had a better sale than usual because of the limited variety of flowers. Pot plants of all kinds have had a good sale.

NOTES.

In a rotarian parade in the neighboring city of Dayton, May 25, the marchers visited all the public bridges in town, and placed upon them a total of 20,000 plants in receptacles which had previously been prepared. The idea of extensive city beautification through the use of flowering plants originated with the National Cash Register Company, of that city, whose factory surroundings are ideal in this respect.

A move has been made to prohibit by city ordinance sale of flowers on the street for charity purposes, together with the elimination of the numerous "tag" days, on the ground that such methods of raising money have become an annoyance to the public. Florists, who were called upon to contribute flowers for a number of these events, will enter no protest against the proposed legislation.

Florists suffered considerable damage to iris beds and to other out-door planting by a hail storm during the past week, but no loss of glass was reported. Market gardeners also came in for a sacrifice of crops.

J.

Bayside, N. J.

Bayside is one of the beautiful villages of Long Island, and it now shows at its best with its many beautiful trees in full leaf. The motto, "Plant a tree", which one time Secretary of Agricultural Morton had engraved on his stationery, is as good advice now as it was 40 years ago. Many of the trees of Bayside are things of beauty and will be joys to many generations yet to come. It is pleasing to note that the care and protection of trees has come to be a widespread sentiment, as well as a business. There are probably many men now living in Bayside, who might say with George P. Morris:

'Twas my forefather's hand
That placed it near his cot;
There, woodman, let it stand,
Thy axe shall harm it not.

Wholesale Flower Markets

BOSTON, May 31.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@ 8 00
" White and Pink Killarney.....	2	00@ 8 00
" Double White Killarney.....	2	00@ 8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@ 8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@ 8 00
" Milady.....	2	00@ 6 00
" Ward and Hillingdon.....	2	00@ 8 00
" My Maryland.....	50	50@ 5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@ 5 00
Sweet Peas.....	50	@ 1 00
Carnations.....	1	00@ 2 00
select.....	2	00@ 3 00

BUFFALO, May 31.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@ 4 00
Roses, Killarney.....	3	00@ 8 00
" White Killarney.....	3	00@ 8 00
" My Maryland.....	3	00@ 8 00
" Killarney Queen.....	3	00@ 6 00
" Richmond.....	3	00@ 8 00
" Sunburst.....	3	00@ 8 00
" Ward.....	2	00@ 5 00
" Taft.....	3	00@ 8 00
" Ophelia.....	4	00@ 8 00
" Francis Scott Key.....	4	00@10 00
" Shawyer.....	4	00@ 8 00
" Bon Silene.....	2	00@ 3 00
Lily of the Valley.....	4	00@ 6 00
Lilies.....	8	00@10 00
Cattleyas.....	40	00@50 00
Carnations.....	2	50@ 4 00
Snappdragons.....	2	00@ 6 00
Yellow Tulips.....	2	00@ 3 00
Daffodils.....	1	00@ 2 00
Asparagus Sprenger.....	35@	50
Ferns.....per 1000.	3	00
Smilax.....		15 00

CINCINNATI, May 31.		Per 100
Roses, Beauty.....per doz.	\$1 50@	\$5 00
" Killarney.....	3	00@ 8 00
" My Maryland.....	3	00@ 8 00
" Richmond.....	3	00@ 8 00
" Taft.....	3	00@ 8 00
Lily of the Valley.....	4	00@ 5 00
Lilium Giganteum.....	6	00@10 00
Asparagus Plumosus.....per bch.	25c	
Orchids.....per doz.	6	00
Carnations.....	2	00@ 4 00
Rubrum Lilies.....	3	00@10 00
Gladiolus.....	4	00@ 6 00
Sweet Peas.....	25@	1 00

NOTES.

Frank Finger has two houses of very fine sweet peas. The dark weather has kept them back, but they are now coming finely.

At his range on Seventh street, Herman Anderson is showing fine stock in plants and cut flowers. He retired for a time from the florist business, but has taken it up again with renewed vigor.

S. Szybrillo has a neat range and grows a variety of stock. He is a clever and genial man and the only fault we can find with him is his name, which is hard to spell and pronounce.

O. J. Mertl, who conducts what was formerly known as the Bell range, is growing good stock which he ships to Wm. P. Ford, New York.

The range, long the property of the

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

late Joseph Bechamps, is now conducted by Eugene Bechamps.

Charles Thienel has been quite successful with carnations.

A. F. F.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Fort Wayne, Ind.

Exceedingly warm weather with great humidity has forced a heavy supply of outdoor flowers into bloom and there was no shortage of stock for Memorial day as there was feared there might be a week ago. Greenhouse stock is also much more plentiful, although roses have suffered somewhat from the sun, especially the Killarneys. The carnation supply is equal to the demand. The call for blooming plants was a feature of the Memorial day trade, although there were numerous cut flower orders.

NOTES.

The Flick Floral Co. arranged a very attractive window for Memorial day in which the American flag and the Fort Wayne centennial flag were conspicuous. Groups of pink and white hydrangea plants, begonias and baskets of cut flowers were also an attraction.

Ed. Hauswirth arranged a large American flag made of immortelles as a Memorial day suggestion as a background for a splendid display of wreaths, blooming plants and cut flowers.

A handsome casket cover was made last week by the Doswell Floral Co. This firm also had the orders for many other large and handsome pieces.

The Fort Wayne Flower Shop had a splendid showing of stock for Memorial day, peonies being especially noteworthy.

H. K.

MEMPHIS, TENN.—Holly & Malone, florists, South Dudley street, have filed a petition in bankruptcy, listing liabilities of \$3,328 and assets of \$1,302.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 31		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@10 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 8 00	
Sweet Peas.....	50@ 1 00	
Snappdragons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Gladiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, May 31		Per 100
Roses, Beauty, special.....	30 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Sweet Peas.....	50	
Spanish Iris.....	5 00	
Yellow Daisies.....	2 00	
Carnations.....	2 00	
Adiantum.....	1 25	
Asparagus Sprengerii, per bunch, 35@40		

MILWAUKEE, May 31		Per 100
Roses, Killarney and W. Killarney.....	4 00@10 00	
" Ward.....	4 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@25 00	
" Ophelia.....	5 00@10 00	
" Hoosier Beauty.....	5 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	75@ 1 50	
Carnations, fancy.....	6 00	
Snappdragons.....	doz., \$0.50@\$0.75	
Daffodils.....	3 00	
Tulips.....	3 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, May 31		Per 100
Roses, Beauty, medium.....	25 00	
short.....	4 00@ 8 00	
" Killarney.....	4 00@ 8 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 50	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	2 50	
Callas.....	8 00@12 50	
Lilies.....	4 00@ 8 00	
Lilacs.....	4 00	
Asparagus Plumosus, per bu., 25@75		
Ferns.....	per 1000, 3 00	
Bronze Galax.....	per 1000, 1 00	

New York.

TRADE CONDITIONS NORMAL.

Stock was not over-plentiful during the past week, neither was there any activity, worthy of note, in business, so one feature balanced the other. The weather, during the early part of the week, was very dark and disagreeable, which had a depressing effect. The last three days of the week were fair and warmer and there is a prospect of plenty of stock for Memorial day. Few home grown peonies, for reasons stated, will be in, but we expect heavy shipments from southern points. The snow-balls and other outdoor stocks are on the market and with other cheap stock and plants, will be sought for. We do not anticipate any great flurry in special roses, carnations, lilies or lily of the valley on account of Memorial day. Business was quite active May 27, and the best carnations brought \$5 and in some instances \$6 per 100, but there was some very poor stock on the market that went as low as \$2 per 100. By Sunday morning the supply had greatly increased and there were prospects of a drop. Compared with nearly every other year that the writer can recall, peonies are scarce. Southern stock is about all that is reaching the market. The firm of Goldstein & Futterman made a "killing" May 28, by getting in 10,000 peonies from "somewhere" south.

NOTES.

A number of the officers and employees of the New York Cut Flower Co. attended the funeral of John Kral at Portchester, N. Y., May 24. His death was reported in our issue of May 27. He was buried with Masonic honors. Another sad event is the death of Jonathan Nash, which occurred near midnight, May 26. He had been ill for about three weeks, but was believed to be greatly improved up to within a short time of his death. In the firm of Moore, Hentz & Nash, Mr. Nash and John Kral had been very closely associated and the high esteem in which each held the other was mutual, and they were equally esteemed by many friends. There are many who knew Mr. Nash who could appropriately voice the sentiment of King David: "I am distressed for thee, my brother Jonathan; very pleasant hast thou been unto me; thy love to me was wonderful, passing the love of women."

At the funeral of Jonathan Nash at Grace church on the afternoon of May 29, many beautiful floral tributes were noticed. The surviving members of the firm, Frank Moore and Henry Hentz, Jr., furnished the casket cover of orchids and lily of the valley. The Greek-American Florists' Association sent a beautiful standing wreath of orchids; the New York Cut Flower Co., a fine design in American Beauty roses; the employees of Moore, Hentz & Nash, a wreath of orchids; F. H. Traendly and Charles Schenck, a wreath of orchids; Paul Meconi, a wreath of orchids. A number of other florists sent fine designs. Much of the design work was arranged by P. Gerlaid, the retailer, of 41 West 27th street, who also sent a fine wreath. The funeral was attended by many florists and their families, and the impressive service of the Episcopal church made it a solemn occasion. Interment was in Woodlawn cemetery.

At a meeting of the retailers' association of this city, held on the evening of May 23, a resolution was adopted to the effect that, hereafter no commission will be allowed out of town florists on orders amounting to less than \$2, and further, if deliveries for less than that sum are to be made in Jersey City or other outlying cities or

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Mention the American Florist when writing

towns, car fare or other expense of delivery will be added to the bill. We will not now go into all the features of this branch of the retail trade, but from independent investigation, we have learned enough to satisfy us that the local retailers are right and that this step is necessary as a matter of self-protection.

W. A. Blaedel's Sons, 402 West 23d street, arranged a very fine decoration, May 27, for the Fine Arts Federation of New York, in the Fine Arts Building, 215 West 57th street. The occasion was the John W. Alexander testimonial under the auspices of the Fine Arts Federation. In foliage, 50 large plants of laurel were used and 150 cedars. There was also a profusion of cut flowers. This is an old New York firm, has a fine store and conservatory and an established reputation for good work.

The Greek-American Florists' Association will hold its annual outing at Witzel's Point View Grove, College Point, N. Y., Thursday, July 6. As the New York Florists' Club will have no outing this year, be prepared to go with the Greeks and enjoy yourselves.

Eugene J. Keenan, head salesman for the Greater New York Florists' Association, of Brooklyn, has resigned and is open to an engagement. He has been with that association since its organization, eight years ago, and is a clever and capable man.

The suffragists realized some \$6,000 for their funds from the sale of flowers on the streets, this city, May 27. The flowers, we understand, were supplied from private gardens free of cost, a kind of competition which can hardly be calculated to help the legitimate trade.

Harry Forman, a brother to Anthony Forman, head salesman for A. H. Langjahr, who was a soldier in the regular army, was shot and killed in Mexico, May 18. His body was brought back to Brooklyn and buried with military honors, May 25.

E. G. Hill of Richmond, Ind., but known, as he is in all parts of the world where good flowers are grown for sale, spent May 27 in this city. He had been in Washington and took part in the inspection of the government rose garden.

F. G. Van Mater, now in the retail business at 37 Conway street, Brooklyn, succeeds Geo. W. Crawbuck as manager of the Greater New York Florists' Association.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: 558 101 W. 28th St.,
FARAGUT 2036 NEW YORK
2037

Mention the American Florist when writing

G. E. M. Stumpp has opened his summer store at Southampton, L. I. He had good business last year and indications point to increased business this summer.

Benjamin F. Kerrigan, a clever young man, well known in the wholesale district, is now with W. P. Sears, Sixth avenue and 42d street.

H. Hoffmeier of 2369 Broadway, went to Liberty, N. Y., May 29 to take charge of a funeral. He also furnished a number of the designs.

Ralph Armstrong has opened his summer store at Newport, R. I., and anticipates good business.

A. F. F.

NEWPORT, R. I.—J. J. Van Alen will build a range of three houses on Lawrence avenue to cost \$8,000.

ARLINGTON, N. J.—Wm. Tricker has plans for one new house, 25x100 feet, to cost \$1,500.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
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 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call: 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
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John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

J. J. COAN, Inc.
Wholesale Commission Florist
115 W. 28th St., New York
 Telephones: Farragut 5413 and 5891.
 CONSIGNMENTS SOLICITED.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED
 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, May 31.	Per 100
Roses, Beauty, special.....	15 00@25 00
extra and fancy.....	10 00@12 00
" " No. 1 and No. 2.....	3 00@ 5 00
" Prima Donna, special.....	1 00@10 00
" Alice Stanley.....	1 00@ 8 00
" Francis Scott Key.....	1 00@ 6 00
" Mrs. Geo. Shawyer.....	1 00@ 6 00
" White Killarney, special.....	1 00@ 6 00
" Killarney, My Maryland.....	4 00@ 5 00
" " special.....	1 00@ 2 00
" " No. 1 and No. 2.....	1 00@ 2 00
" " Queen.....	50@ 6 00
" " Brilliant.....	50@ 6 00
" Aaron Ward.....	1 00@ 8 00
" Richmond.....	25@ 5 00
" Sunburst.....	2 00@ 8 00
" Taft.....	2 00@ 8 00
" J. L. Mock.....	1 00@ 8 00
" Hadley.....	1 00@15 00
" Ophelia.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@ 6 00
" Hoosier Beauty.....	1 00@ 5 00
" Ulrich Brunner.....	2 00@20 00
Cattleya Orchids, special.....	40 00
inferior grades.....	10 00@30 00
Lilies, Longiflorum and Harrisii.....	6 00@ 8 00
Lily of the Valley.....	3 00@ 4 00
Carnations.....	2 00@ 4 00
Adiantum Croweanum and Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.....	2 00@ 2 50
Smilax..... doz. strings.....	1 25@ 1 50
Sweet Peas, orchid flowered.....	75@ 1 50
Mignonette..... per doz.....	50c@ \$1 00
Lavender Lilac..... per bunch.....	\$0.15@ \$0.25
Snappdragons..... per doz.....	50@ 75
Callas..... per doz.....	75@ 1 00
Peonies..... per doz.....	1 00
Iris, Spanish.....	2 00@ 4 00
Daisies, Yellow.....	50@ 1 50
Corn Flowers.....	1 00@ 1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.

Telephone Farragut 634, 3066
HERMAN WEISS
 Wholesale Florist
106 W. 28th St., NEW YORK

WHOLESALE FLORISTS
J. Young & Co.
 54 WEST 28th ST. NEW YORK
 Consignments Solicited



JOIN THE LEADERS

We supply the leading florists throughout the United States who recognize Arnold Boxes as those which best fill their needs as to Quality, Style and Price. Prices quoted and samples sent on request.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

The Flower Pot.

Paper by A. H. Walker, read before the Montreal Gardeners' and Florists' Club, March 6, 1916.

The standard flower pot of today is little different from the pot of our forefathers as far as I know. The material used today may be of a better grade, and uniformity of shape may have improved, but otherwise there has been no improvement from a grower's standpoint.

The grower cannot blame the manufacturer if the pot of the present day is not satisfactory, as it is possible the manufacturer knows nothing, or at least should not be expected to know, anything about the requirements of plants as we understand them. Therefore his business is to produce as good a pot as possible of the orthodox type. It is for the grower to suggest to the manufacturer how the pot could be improved upon.

In suggesting such a radical change as I will outline, it seems to me that the proper way to bring such a matter before the grower is through florists' clubs and horticultural societies; they could discuss the matter at their meetings and publish the findings. It might be advisable, however, to have a number of reputable growers experiment with the pot before passing judgment, but in the case of the change I suggest, the points in its favor are so apparent that the experimental stage could be dispensed with; as a matter of fact, the writer has experimented with the pot and found it to be all he claims for it.

The change I suggest is the manner in which the pot should be drained. At the present time our pots are drained by an opening in the bottom of the pot. In place of the opening being at that point I suggest that the point of drainage should be in the side of the pot, close to the bottom. And in place of one opening of large size, that in the case of a 5-inch or 6-inch pot, there be three openings, equal distance apart, the holes being $\frac{3}{4}$ of an inch in diameter. In the case of small pots, one opening would be enough, while in the case of large pots, increase the number of openings. There are good reasons for advocating this change, especially from a florist's standpoint. In the first place, perfect drainage is secured, as the point of drainage is well above the bench soil or boards on which they are placed. The fact of having perfect drainage secures perfect aeration of the soil in the pot, so important a factor in plant growing, as all experienced growers know. With the point of drainage in its present position, the florist knows from experience that in repotting a batch of plants that have been standing on a bench of soil, that too frequently the point of drainage is plugged with soil. The soil has to be removed before the plant can be properly turned out of the pot. The pot is either broken or half of the ball of earth breaks away, leaving the other half in the pot. This all means time and money wasted besides the use of language by the florist unfit for print.

Another reason, especially from the florist's standpoint, is the elimination of earth worms from our pots. For

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box \$1.50
5 boxes for 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

ACTUAL
SIZE.

instance, the florist often has to place pot plants on a bench of soil. Very soon the pots are full of worms, which disturb the soil, preventing the roots from performing their function, and in so doing, often block the opening in the bottom of the pot. Every grower knows from experience what a nuisance worms are when repotting a batch of plants. The plants do not turn out of the pots in good shape on account of the displacement of the soil or a combination of displacement and blocking of the points of drainage. Worms, as I see them, have no particular desire to enter pots in preference to remaining in the bench soil, but they come to the surface and, as they happen to be opposite the point of drainage, they simply continue their upward course and they are in the pot. Now if the point of drainage were in the side this nuisance would be eliminated as the worm, I feel sure, would not come to the surface, have a look around and then enter by the side openings. Being perfectly satisfied in my own mind that the change I suggest is needed, I ask of you, as a representative body of growers, to give this matter your serious consideration before passing judgment.

One point that naturally will arise on discussing this matter is, "Will the Manufacturer Manage to Make Such a Change and Still Sell the Pots at the Same Price?" I see no reason why the manufacturer cannot place the openings where I suggest as simply as the one in the bottom, at present. He would have to make changes in his apparatus, but that is an every day occurrence with manufacturers.

HOWELL, MICH.—Henry Winkelhaus is erecting a range of houses on Byron road.

ROCHESTER, N. Y.—Frank McLuis has opened a flower store at St. Paul and Water streets.

HANNIBAL, MO.—E. A. Hodge has sold his business and range to Michael Sedheimer, who will make additions and improvements.

AUSTIN, TEX.—H. B. Beck and Chas. Alf, Sr., of this city and L. J. Tackett of Fort Worth, have been appointed by President R. C. Kerr of the Texas State Florists' Association to represent that organization at the farmers' institute to be held here, July 17-19.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

Retail Florists



Now is the time to prepare your advertising for
Social Occasions Fall Announcement
Fall Planting Thanksgiving

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St.,

Chicago, Ill.

NEW CROP

Fancy Ferns \$1.35 per 1000
Dagger Ferns 1.15 per 1000
Green Sheet Moss 1.75 per bag
Perpetuated Moss 3.50 per bag
Lyrata (Evergreen Oak
Foliage) 2.50 per case

Edward A. Beaven,
EVERGREEN, ALA.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

J. H. SMALL & SONS

FLORISTS

NEW YORK AND WASHINGTON

Announce the removal of their New York store to

505 MADISON AVENUE AT 52ND STREET.

WASHINGTON, D. C.,
15th and H Sts.

Floral and
Landscape Work

NEW YORK
WALDORF ASTORIA and
505 MADISON A VENUE.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eightth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

Syracuse, N. Y.

MILES S. HENCEL

FLORIST

536 SOUTH SALINA STREET

Funeral Designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: **NEW YORK**
We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery.

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

—OR—

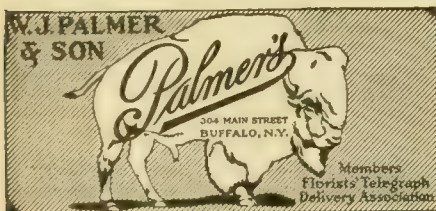
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Members of Florists' Telegraph Delivery.



New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda
FLORISTS

1415 Farnum St.

PHONES:
1501 and L1582

Members of Florists' Telegraph Delivery.

NEW YORK.
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Name Index to Retail Florists

Alexandria Florist, The, Los Angeles, Calif.
Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 11 N. Pearl St., Albany, N. Y.
Eviden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A. & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencie, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. R., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Portland Flower Store, Portland, Me.
Potter Floral Co., El Paso, Texas.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Sakelos, G., New York.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Withold, G. Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
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LEADING FLORISTS OF THE NORTHWEST



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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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We cover all points in Iowa.

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EUCLID AVENUE

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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We give personal attention to your orders and guarantee satisfaction.

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Branch 1808 34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hadesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeier's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—The Alexandria Florist.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—G. Sakelos.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthews.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hendle.
Terre Haute, Ind.—J. G. Helul & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Williamsport, Pa.—Evenden Bros. Co.

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Mail or telegraphic orders promptly and most carefully executed.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist

Only the Best **Dunlop's**

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BOSTON 1 Park Street
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Deliveries to Steamers and all Eastern Points

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Send your orders for Chicago and Suburbs to



Schiller The Florist
2223 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
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Bramley & Son

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Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Toledo, O.

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(Successor to Geo. A. Heint)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

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Eli Cross

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All Orders Promptly Executed

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We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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MISSOURI.

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CHICAGO
Mangel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Tennessee's War of the Roses.

With the election of Benjamin Harrison Taylor of Johnson City to represent Tennessee democracy as elector for the state at large in the coming presidential campaign, Tennessee seems destined for another "War of the Roses," which will be very similar to that of 20 years ago, when the late United States senator, Bob Taylor, and his brother, Alfred, were the opposing candidates for governor of Tennessee. The two brothers stumped the state in joint discussions of the issues, Bob Taylor as a democrat and Alf as a republican. Bob adopted the white rose as his emblem, while Alf adopted the red rose. Their respective followers wore roses at the political meetings held throughout the state. Benjamin Harrison Taylor, a young man, is a son of Alfred A. Taylor, and a nephew of the late Senator Bob Taylor. His father, Alfred Taylor, has been chosen as republican elector for the state at large. Since it is customary for the opposing electors to canvass the state in joint discussions, it is practically certain that Alf Taylor and his son will meet each other upon the stump in all counties of the state during the approaching national campaign. In this event, Tennessee is destined to experience the second "War of the Roses."

SCOTCH PLAINS, N. J.—Arthur C. Ruzicka, a rose specialist, has leased a range of greenhouses here.

FREMONT, NEB.—One house, 32 by 80 feet, which will be devoted to roses has been added to the range of Greene's Greenhouses.

PORTLAND, ME.—Dennett, The Florist, has purchased the Portland Flower Store and will operate it in addition to his other establishment.

CHEYENNE, WYO.—The Swayger Greenhouses have been purchased by G. M. Couch and wife, who will conduct a general florist business.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty
356 FULTON STREET

BRANCH: 408 Fulton St.
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NASHVILLE, TENN.

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Beauties Our Specialty.

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Morris Goldenson

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We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

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Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

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Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

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150 State St., SPRINGFIELD, MASS.

Rockford, Ill.

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Los Angeles, Calif.

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Los Angeles, Calif.

SEKI BROS. & CO.
Wholesale and Retail Florists
We grow All kinds of Decoration
our own flowers a Specialty
Phone A-2550 229 W. 4th Street

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith
853 So. Olive St., Los Angeles, Calif.
Every Order sure to receive prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.
BEST FLOWERS for EVERY OCCASION.

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EVENDEN BROS. CO.
Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

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HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher
Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

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Boston, Mass.

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"Penn, The Telegraph Florist"
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124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark
Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of Florists' Telegraph Delivery.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.
Member of Florists' Telegraph Delivery.

SECAUCUS, N. J.—Claiming that a leaking gas main of the Public Gas Co. in the neighborhood of his range ruined many of his plants, Frederick Meerbot has filed suit for \$10,000 damages.

MT. BETHEL, PA.—E. J. Nicholas presented a bouquet of carnations to all customers during his opening week, May 23-30. He had a splendid stock of all seasonable pot plants and had an excellent trade.

LOUISVILLE, KY.—E. G. Reimers & Son Co., Inc., are removing their houses from the Baxter avenue range to the new growing farm on Taylorsville road. Two new houses, each 30x150 feet, will also be erected at the new location.

NEW BEDFORD, MASS.—The New Bedford Horticultural Society has issued the premium list for its exhibitions of 1916, including peonies and roses in June, dahlias in September and chrysanthemums in November. Copies of the schedule may be had on application to Secretary Jeremiah M. Taber, 888 Rockdale avenue, New Bedford, Mass.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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5523 Euclid Ave.

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Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

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Connecticut Avenue and I Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.
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440 Main Street, Buffalo, N. Y.
Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
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16 and 18 W. 3rd St.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

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J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R.I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

VISITED CHICAGO: Chas. N. Page, formerly president of the Iowa Seed Co., Des Moines, Ia.

VISITED NEW YORK: A. M. Van der Schoot, representing R. Van der Schoot & Son, Hillegom, Holland.

THE item of fir tree seeds has been stricken out of the agricultural appropriations bill in the senate.

SAN FRANCISCO, CALIF.—Lester L. Morse, fully restored in health, is expected home from Honolulu this week.

JOHN LEWIS CHILDS, of Flowerfield, L. I., N. Y., reports his mail order business about 26 per cent better than last year's.

L. L. MAY, of St. Paul, Minn., is believed to be progressing favorably at the Mt. Sinai hospital, Milwaukee, Wis. Mrs. May is with him.

THE freesia crop is reported looking poorly in California, as there was no rain during April and May. This has not been a good growing season.

BLUE GRASS seed estimates of new crop from the Missouri district indicate a fair average yield, while Kentucky growers predict only about half a crop. Prices are up about two cents per pound.

H. A. NALDRETT will represent Kelway & Son, Langport, Somerset, Eng., in America this season, his address from July 1 being care of Thos. Meadows & Co., 8-10 Bridge street, Battery Park, New York.

HOWARD M. EARL, of W. Atlee Burpee & Co., Philadelphia, Pa., who passed through Chicago May 27, enroute to his firm's seed farms at Lompoc, Calif., says this has been a banner season for the house, the business exceeding that of any previous year, notwithstanding the low records of the early months, in March almost a slump.

SHENANDOAH, IA.—Regarding the business of 1916 the Henry Field Seed Co. writes as follows May 27: "Business has been fine. We show a big gain over last year. Total number of orders for the season will be about 135,000 against 106,000 last year, or a gain of nearly 30 per cent. The average size of the order is also a little larger than last year, being about \$3.15 per order. We did not show much gain in January and February over the same months last year, but showed very heavy gains in March and good gains in April and May. Our catalogue efficiency or number of orders to each 100 catalogues stands the same as last year, at about 48 per cent. We hoped to reach 50 per cent this year, but failed to make it. The percentage of profit will run about the same this year as last, very satisfactory."

A Call for Better Seed.

Market gardeners are by no means satisfied with present conditions in the seed trade. Experience has taught them that satisfactory returns in any individual culture is very dependent upon the varietal quality of the seed used. They no longer regard mere viability as the only, or even the most important, factor determining the value of seed, neither are they constantly looking for some new and wonderful variety. They are calling loudly for seed of proven varieties and stocks which shall show greater uniformity not only in all the plants in a single



The Late Frank A. Stecher.
See Obituary Page 1039.

culture, but in those of other cultures in which seed of the same variety was used, and are demanding that seed bought under the same name in different years, or even from different seedsmen, shall be practically identical in varietal character. On the other hand, most seedsmen are now growing less and less of their own stock, depending more and more upon jobbers, wholesalers, or growers, who in turn get their supply from widely scattered locations, so that not unfrequently, the seedsman is not certain whether the stock he handles was grown in France, Germany, Australia, Ontario, Idaho, Washington, or California, or is a mixture from them all. He is careful to buy only of reliable dealers, and if he makes sure by careful trial that each lot is fairly viable, feels that he has done his full duty to his customers.

The more conscientious wholesaler may have extensive trial grounds where he tries to keep a record of the varietal quality of stocks from different sources, but gives it little attention, being fully occupied in the executive work of his increasing business.

The retailer is not in position to gain personal knowledge of varietal quality and purity, and devotes his time to securing attractive new sorts. This is evidently an undesirable condition in the trade, and we think it is largely due to the surf from the receding tide of the Burbankism which has swept over the horticultural world.

In proportion to his experience the actual grower of vegetables for market, shuts eyes and ears to the seductive claims of catalogues and salesmen of the superlative merit of some new sort and even to lower prices and is looking for better bred stocks of a few old sorts of proven merit. Experience has demonstrated the practicability of developing stocks of older sorts which will show higher and far more uniform development of the qualities fitting it for special cultural and market conditions.

The cry from garden and farm is not for new sorts, but for better bred strains of those of proven merit, and the most successful seedsmen of the future will be those who heed the call.

WILL W. TRACY.

Wholesale Seedsmen's League.

A meeting of the directors of the Wholesale Seedsmen's League was held at the Hardware club, New York, May 25, with the following in attendance: F. W. Bruggerhoff, of J. M. Thorburn & Co., New York; Charles H. Breck, of Jos. Breck & Sons Corp., Boston, Mass.; S. F. Willard, of Comstock, Ferre & Co., Wethersfield, Conn.; B. Landreth, of the David Landreth Seed Co., Bristol, Pa.; J. L. Hunt, of the Jerome B. Rice Seed Co., Cambridge, N. Y.; Lem W. Bowen, of D. M. Ferry & Co., Detroit, Mich.; H. W. Wood, of T. W. Woods & Sons, Richmond, Va.; Howard M. Earl, of W. Atlee Burpee & Co., Philadelphia, Pa.

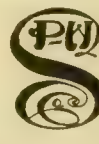
Routine business was transacted, but the conditions now prevailing in Europe render it impossible to forecast the future of the seed trade in this country.

Holland-American Freight Conditions.

The latest regulations require that freight on Holland-American shipments be paid in advance. If the freight charges are made collectible at destination, the merchant remains responsible for this payment regardless of condition of merchandise upon arrival or entire non-arrival through seizure or otherwise. The carrier is exempt from receiving and loading all shipments under the new contract.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

LILY BULBS**FALL DELIVERY**

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Contract Growers Of

Pepper	Tomato	Egg Plant	Spinach
Kale	Turnip	Okra	Radish
Sweet Corn		Field Corn	

Stokes Seed Farms Co., Inc

Moorestown, New Jersey

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

New York Seed Trade.

The seed trade for the season now about to close has turned out better than was expected at the end of April. F. W. Bruggerhoff, of J. M. Thorburn & Co., says it is difficult to compare conditions with those of other years because of the unusual situation. This firm's business throughout May was excellent. Patrick O'Mara, of Peter Henderson & Co., states that his firm had better business in May of this year than last, the counter trade having improved materially over that of April. He can not foresee results, however, if the war in Europe continues. Mr. O'Mara will leave June 7 for a sea voyage to New Orleans to be absent two weeks, returning by the same route.

At the store of S. D. Woodruff & Sons, whose trade is more wholesale than retail, it was stated that their business for May, in both departments, was better than in former years. Their business for March and April was largely in filling contracts made in 1915. This firm shipped 250 barrels of Maine seed potatoes during the past week.

W. E. Marshall & Co., whose trade is mainly private, report business better than in former years.

Iowa Seed Dealers' Association.

The Iowa Seed Dealers' Association convention will be held at the Savery hotel, Des Moines, Ia., June 7-8. June 7 will be the business day and the meeting promises to be more largely attended than any previous gathering. A splendid programme is being arranged and the association is sending invitations to all Iowa seed dealers and shippers this year to come in and get acquainted and possibly become members if they desire.

A. M. ELDRIDGE, Sec'y.

PHILADELPHIA, PA. — The Henry F. Michell Co. reports business this season has been equal to normal in all departments, and that they have been very busy during the past few weeks. —The Robt. Buist Co. says business has been in every way equal to that of last season, with prices somewhat better.

Japan Lilies**RETARDED BULBS FROM COLD STORAGE**

As these Lilies are most useful during the early winter months and for Christmas flowering, we suggest May, June and July delivery as the best time for making shipments of Speciosum.

Full Cases of Lilies at 1000 Rate.

Lilium Longiflorum Gigantum—Cold Storage	100	1000
9- to 10-inch, 200 bulbs in a case..	\$12.00	\$100.00
Lilium Auratum—Cold Storage		
11- to 13-inch, 100 bulbs in a case	17.00	160.00
Lilium Speciosum Album—Cold Storage		
8- to 9-inch, 225 bulbs in a case..	10.50	100 00
9- to 11-inch, 125 bulbs in a case	17.00	160.00
Lilium Speciosum Rubrum—Cold Storage		
9- to 11-inch, 125 bulbs in a case..	11 00	105 00
Lilium Speciosum Melpomene—Cold Storage		
9- to 11-inch, 125 bulbs in a case.....	11.00	105.00

Arthur T. Boddington Co., Inc., Seedsmen

128 Chambers Street, NEW YORK

French Bulbs**A. & L. BREMOND FRERES,**

Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES

Mention the American Florist when writing

BEANS, PEAS, RADISH**AND ALL GARDEN SEEDS**

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Mention the American Florist when writing

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

BARNARD'S
Seed Store

231-235 W. Madison St.

CHICAGO.

LILY BULBS**FALL SHIPMENT FROM JAPAN**

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT,

NEBRASKA

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

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Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing

MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter

New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited. SWEDESBO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, WISCONSIN and IDAHO MILFORD, CONN.

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VALLEY

FROM STORAGE

Bruns' Celebrated Chicago Market
Brand, \$22.00 per 1000; \$11.50 per
500; \$6.00 per 250.

Florists' Money Maker, \$18.00 per
1000; \$9.50 per 500; \$5.00 per 250.

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3032 Madison Street, CHICAGO

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

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BURPEE'S SEEDS

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Wholesale Price List for Florists
and Market Gardeners.

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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
1830

HOLLAND

Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

Bulb Catalog Ready Now

Suppliers to the American Trade Since 1840

Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

Cycas Stems

NEW ALL STOCK SIZES

Prices: 100 LBS. @ 8¢
500 LBS. @ 7¢



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CHICAGO NEW YORK

ALTERNANTHERAS

	Per 100
Red and yellow, 2½ in.	\$2.00
Cannas, well started 3 in.	3.00
Geraniums, S. A. Nutt, 2½ in.	3.00 3 in. 5.00
Asparagus Plumosus, 2½ in.	2.00
Asparagus Sprenger, 3 in.	4.00
Coleus, 10 varieties, good stock	2.00
Giant flowering Pansies, \$1.50 per 1000. Fall transplant	.75
Choice mixed Verbenas, 2½ in.	2.00
Petunias, May 10th, 2½ in.	2.00
Salvias, good stock, 3 in.	4.00

—Cash—
JOS. H. CUNNINGHAM Delaware, Ohio

If You are interested in Mid-Winter
Blooming Plants
—or anything in—
Soft Wooded Plants

—Write—
Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 ft.	\$1.00 each
Pyramids, 2½ ft.	1.50 each
Pyramids, 3 ft.	2.00 each
Pyramids, 3½ ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2 ft.	1.50 each
Nice Bushes, 15-in.	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

BEGONIAS

We make a specialty of begonias; you will like our stock; prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Chatelaine, 2½-in.	\$ 3.50	\$ 30.00	Xmas Red, 2½-in.	\$ 6.00	\$ 50.00
Chatelaine, 3-in.	5.00	45.00	Xmas Red, 3 in.	8.00	70.00
Chatelaine, 4-in.	6.10	50.00	Xmas Red, 4-in.	10.00	90.00
Luminosa, 2½-in.	2.50	20.00	Vernon, 2½-in.	6.00	50.00
Erfordii, 3-in.	6.00	50.00	Vernon, 3-in.	8.00	70.00
Prima Donna, 2½-in.	2.50	20.00	Vernon 4-in.	10.00	90.00
Prima Donna, 3 in.	4.50	40.00	Lorraine, 2½-in.	12.00	100.00
Prima Donna, 4-in.	6.00	50.00	Cincinnati, 2½-in.	15.00	120.00

SALVIAS, SWEET ALYSSUM, DAISIES, SNAPDRAGONS

2½ inch..... \$3.00 per 100; \$25.00 per 1000

GERANIUMS

Strong stock—Best four varieties in bud and bloom..... 4 inch, \$8.00 per 100

PETUNIAS

Strong, bushy stock, in bud and bloom—Best fringed French varieties..... 4 inch, \$8.00 per 100

LOBELIAS

Strong, bushy plants 2½ inch, \$3.00 per 100; \$25.00 per 1000

COLEUS

Six best varieties, 2½ inch..... \$3.00 per 100

HANGING BASKETS

Made up of vines and plants, 12 inch..... \$1.00 each

PYFER & OLSEM, - Wilmette, Ill.

Miscellaneous Stock For Florists

Asparagus Sprenger, 2 in.,	\$3.00 per 100, \$25.00 per 1000; 3 in., \$5.00 per 100.
Asparagus Plumosus, 2-in.,	\$3.00 per 100; \$25.00 per 1,000.
Azalea Mollis, bushy plants, full of buds, all colors mixed, 12 to 15 inches high, 35c each,	\$4.00 per dozen; \$30.00 per 100.
Begonias, Gracilis Luminosa, Prima Donna, \$2.50 per 100; Argenteo Gut-tata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea,	\$4.00 per 100.
Carnations—Pink Enchantress, Rose Pink Enchantress, Philadelphia,	\$3.00 per 100, \$25.00 per 1000.
English Ivy, 4 in. pots, 3 ft. tops,	\$12.00 per 100.
Fern Dish Ferns, all standard varieties,	\$3.00 per 100, \$25.00 per 1000.
Hardy Azaleas, best named, 18 to 24-in., full of buds, 50c each,	\$5.00 per dozen, \$40.00 per 100.
Kentia Belmoreana, 2½ in. pots,	\$9.00 per 100, 3 in. pots, \$14.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, May 29.—Mushrooms, home grown, No. 1, 40 to 50 cents per carton; lettuce, cases, 10 to 20 cents; radishes, 25 cents to 50 cents per doz. bunches; celery, \$1.75 to \$2.00 per crate; tomatoes, six baskets, \$3.00 to \$4.00; cucumbers, per doz., 50 cents to 75 cents.

New York, May 29.—Celery, per 12-inch crate, \$2.00 to \$3.00; cucumbers, 75 cents to 90 cents per dozen; mushrooms, 40 cents to \$1.50 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per dozen bunches, 25 to 35 cents.

Texas Bermuda Onion Crop.

Reports received in the bureau of crop estimates, United States department of agriculture, indicate that the total production of onions in Texas will be about 4,650 carloads of 460 bushels each. On March 7, 1916, the bureau issued a report as of March 1 on the Texas onion crop, estimating the acreage at 10,657 acres, the condition at 65.6 per cent of a normal crop, and the yield per acre at 230 bushels, indicating a total yield of 5,328 cars of 460 bushels each. On April 4 a revised report was issued, and it appearing that the acreage in two counties had been over-estimated, owing to a lack of information as to methods of planting, and that a reduction of 200 acres seemed advisable in one county, such reductions were made. The revised acreage was stated to be 10,057 acres, the condition 55 per cent, a reduction of 10.6 points, forecasting a yield per acre of 192.5 bushels, the equivalent of 4,200 cars of 460 bushels each. The demand for a further revision was so persistent that a special onion condition schedule was sent into Texas to be returned on April 15, and on April 20 a revised condition report was issued, the condition estimated at 58 per cent of a normal crop, an increase of 3 points over April 1, forecasting a yield per acre of 203 bushels, the equivalent of 4,438 cars of 460 bushels each.

Watermelon Wilt Disease.

A serious disease of watermelon, known as the wilt, has for many years been prevalent in the southern states and has now extended westward to the Pacific coast, having been reported from Oklahoma, Iowa, Indiana, Missouri, Arizona, Texas, California, and Oregon. In many sections the disease is a serious handicap, not only by destroying the growing crop, but also by preventing the successful culture of melons upon the same field again in succeeding years.

Watermelon wilt is caused by a fungus which lives in the soil and enters the roots, plugging up the water-carry-

ing vessels and preventing the rise of moisture. The leaves of affected plants first droop, then rapidly wilt and soon die, the runner dying with them. Upon cutting the main tap root across near the surface of the ground it will be found to present a yellow color in the wood, making a distinct contrast with the white color of the healthy plant. This yellowing, together with the wilted appearance of the vine, makes the identification of the disease easily possible.

There is nothing that can be done to save a field of melons when once attacked by the wilt, but the disease may be avoided by the following precautions:

1. In infected districts, watermelons should never be planted on land where watermelons have been grown within ten or twelve years, more or less, depending on soil conditions, as experiments have shown that the fungus causing the disease is able to live a long period in the ground.

2. Stable manure which has become infected by the use of melon hay or refuse containing melon vines should never be applied to the watermelon crop, or to land where it is desired to plant watermelons later.

3. Fields which have received the drainage water from infected fields must be considered and treated as if infected. This means that the farmer having two fields, one of which is on higher ground than the other, should plant the lower field first.

4. As far as possible live stock should be prevented from passing from infected to uninfected fields.

5. Breed resistant varieties. It has been demonstrated by the department of agriculture that varieties resistant to wilt can be bred, and it will be worth while for interested localities to have wilt-resistant varieties bred, adapted to their conditions.

Canned and Dried Fruits and Vegetable.

A preliminary statement of the general results of the 1914 census of manufacturers for the canning and drying of fruits and vegetables has been issued by Director Sam L. Rogers, of the Bureau of the Census, Department of Commerce. It consists of a detailed statement of the value of canned and dried fruits and vegetables packed during the years 1909 and 1914, in the United States as a whole, prepared under the direction of William M. Steuart, chief statistician for manufactures. The figures are preliminary and subject to such change and correction as may become necessary upon further examination of the original reports.

Returns were received from 3,199 establishments engaged in the industry in 1914, the products of which for that year were valued at \$158,015,893. The products reported for 1909 were valued at \$96,943,273. The number of establishments in 1914 thus exceeded the number reported for 1909 by 337, or 11.8 per cent; while the value increased by \$61,072,620, or 63 per cent.

The value of canned vegetables increased from \$53,307,791 in 1909 to \$84,413,667 in 1914, or 58.3 per cent; of canned soups, from \$2,588,834 to \$7,877,057, or 204.3 per cent; of canned fruits, from \$12,672,900 to \$24,897,174, or 96.5 per cent; and of dried fruits, from \$22,287,522 to \$34,771,912, or 56 per cent. The value of canned soups does not include the product of slaughtering establishments.

Of the total number of establishments reported for 1914, 97 were engaged primarily in other industries but packed vegetables and fruits to the value of \$8,839,837, as subsidiary products; and in 1909, 73 similar establishments packed vegetables and fruits valued at \$4,964,806.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Chinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.



Tuberous Rooted

BEGONIAS

BIG REDUCTION IN PRICES

	Doz.	100	1000		Doz.	100	1000
Single Sorts—White.				Double Sorts—White			
Scarlet Yellow, pink	\$0.35	\$2.50	\$20.00	Scarlet Yellow, Pink	\$.40	\$3.00	\$24.00
Single Filled	.75	5.00	40.00	Double Filled	.90	6.00	50.00
Single Butterfly	.75	5.00	40.00	Double Butterfly	.90	6.00	50.00
Single Mixed Colors	.30	2.00	16.00	Double Mixed Colors	.35	2.50	20.00

Gladiolus for Late Work

	Per 1000		Per 1000
AMERICA, First Size	\$10.00	AUGUSTA, First Size	\$10.00
AMERICA, Second Size	8.00	AUGUSTA, Second Size	8.00
CHICAGO WHITE, First Size	25.00	MRS. FRANCIS KING, 1½-in.	10.00

Caladiums	9-11 inch	Per 100	12-inch and up	Per 100
		\$ 6.00		\$14.00

CHICAGO VAUGHAN'S SEED STORE NEW YORK

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in.	\$12.00	Plants 16-18 in.	\$ 40.00
" 12-14 in.	15.00	" 18-20 in.	60.00
" 14-16 in.	20.00	" 20-22 in.	80.00
" 15-17 in.	30.00	" 22-25 in.	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

COTTAGE MAID

A Sport of

MRS. C. W. WARD

Will be disseminated
1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

BEGONIA BEGONIA

Luminosa Erfordii

SEEDING S

\$5.00 per 1000 Cash with order

PETER WENK

OZONE PARK, N. Y.

Mention the American Florist when writing

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	8.00	75.00
Rex Begonias, 3 in.	doz., \$1.00;	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Begonia Mrs. J. A. Peterson

2¼-in. pots, \$25.00 per 100; \$200.00 per 1000.

Begonia Cincinnati

2¼-in. pots, \$15.00 per 100; \$140.00 per 1000.

Begonia Lorraine

2¼-in. pots, \$12.00 per 100; \$110.00 per 1000.

CYCLAMENS

Separate colors; finest strain; extra strong.

3-in. pots, \$8.00 per 100; \$70.00 per 1000.

JULIUS ROEHRS CO.,

Rutherford, N. J.

Mention the American Florist when writing

Robert Craig Co..

High Class - **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
New York

"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette, Ind.

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Ageratum, 6 varieties	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera, 6 varieties	2.00	18.50	3.00	25.00
Alyssum, dwarf and giant	2.00	18.50	3.00	25.00
Begonia Luminosa	3.00	25.00	4.00	30.00
Vernon	2.00	18.50	3.00	25.00
Cannas, standard varieties			3.00	25.00
Coleus, 18 varieties	2.00	18.50	3.00	25.00
Cuphea, Platycentra	2.00	18.50	3.00	25.00
Lemon Verbenas, 6 var.	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argentens (Dusty Miller)	2.00	18.50	3.00	25.00
Swainsona, white	2.00	18.50	3.00	25.00

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

LOUISVILLE, KY. — Dutch nursery stock, due here in April, is arriving about 45 days late, in some cases in such poor condition that it is not worth duty and freight charges.

SHERMAN, TEX.—The John S. Kerr Nursery Co. has been incorporated with the following officers: John S. Kerr, president and manager; W. L. Hay, vice-president; D. S. Thompson, treasurer.

BULLETIN 351, entitled, "The Terrapin Scale; an Important Insect Enemy of Peach Orchards", containing 96 pages with illustrations, has been issued by the United States department of agriculture, Washington, D. C.

LAKE CITY, MINN.—The Jewell Nursery Co. will follow its usual custom and conduct a school of salesmanship for its employes, after the close of a very busy season. A dozen or more salesmen of the company will spend two weeks in practical study of the stock, including field work.

Minnesota Nursery Laws Mis-Interpreted.

A mistaken idea exists among some Minnesota nursery stock dealers and florists that they are required by the Minnesota law to purchase their supplies from Minnesota nurseries and not from nurseries or dealers in other states. This impression is epitomized by the prominently displayed paragraph on the letter-head of a Minnesota nurseryman, reading:

"Nurserymen have to furnish their customers with nursery stock from a bona fide inspected Minnesota nursery, according to law, passed by the state legislature at the 1913 session."

If this were true, the provision would clearly be unconstitutional as a discrimination against stock grown in other states (In re Schechter, 63 Fed. Rep. 695; Minn. v. Barber, 136 U. S. 313, 322). The Minnesota legislature in 1915 amended the law of 1913, section 7, so that the Minnesota dealer or florist can, by filing an affidavit that he will buy and sell only stock duly inspected by an official state inspector (not necessarily a Minnesota inspector), and filing with the state entomologist a list of all sources of stock, sell his stock freely.

CURTIS NYE SMITH,
Counsellor at Law.

Bush Honeysuckles:

For northern gardens there are no more beautiful shrubs than some of the bush honeysuckles, for in early spring they are covered with myriads of yellow, white, rose-colored or red flowers and in summer or autumn with lustrous, usually scarlet fruits. Many of these shrubs are able to show their greatest beauty in this climate, but this can be obtained only by planting them in rich soil and with sufficient space for growth in all directions. In poor

soil and when crowded by other plants they are usually miserable objects. The large-growing kinds, like *L. tatarica*, *L. bella* and *L. notha*, should be planted as isolated specimens at least 20 feet from any other plant. *L. Morrowii*, a plant of the Amoor region, requires even more space for its lowest branches which cling close to the ground and naturally spread over a great area. This shrub has gray-green foliage, comparatively large white flowers and bright red fruits. Like many other bush honeysuckles, *L. Morrowii* hybridizes easily with other species, and most of the plants raised from seeds sold by nurserymen are hybrids of that species with *L. tatarica* and are of little value for those who want plants with the peculiar habit of *L. Morrowii*. Among vigorous growing plants in this group attention is called to two hybrids of *L. Korolkowii* in the sub-collection, *L. amoena* and *L. Arnoldiana*. These have gray-green foliage and small, bright pink, very attractive flowers. *L. chrysantha* from eastern Siberia, with large yellow flowers, is also a conspicuous object at this time. There is a large collection of these bush honeysuckles in the general shrub collection, and plants of a few of the larger-growing kinds have been planted in the grass border on the right-hand side of the Bussey Hill road, opposite the lilac collection to show how these plants can develop when sufficient room for free growth is given to them.—Arnold Arboretum Bulletin, May 27, 1916.

ST. LOUIS, MO.—A new floral hall, a solid cement structure, 60x100 feet, will be erected at the fair grounds this spring.

JAPANESE TEA GARDEN —AND— ROCKERY

For your summer house, made in a short time.
T. R. Otsuka, 300 S. Michigan Ave. CHICAGO.

PORT HURON, MICH.—Mrs. Matthew Ullenbruch, wife of Matthew Ullenbruch, florist, and a resident of this city for many years, died at her home May 13.

NEWCASTLE, IND.—Fire at the range of P. J. Olinger destroyed the manager's residence, barns, wagons and an automobile, May 21. The loss is \$4,000, covered by insurance.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.
Mention the American Florist when writing

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Mention the American Florist when writing

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations:

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Don't Place Your Order for Printing
CATALOGS or CATALOG COVERS
Until You Get Our Prices

WE FURNISH NEAREST-TO-NATURE COLOR PLATES
WE ALSO ILLUSTRATE YOUR CATALOG FREE

Get a copy of our 80-page Stock Catalog for Nurserymen

Gillies Litho. & Printing Co., Rochester, N. Y.
P. E. FELLOWS, MGR. (MEMBER AMERICAN ASSOCIATION OF NURSERYMEN)

Chrysanthemums

Now Ready

Early Frost.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$1.50	\$10.00	\$90.00
Rooted Cuttings	7.00	60.00	

Crystal Gem, Golden Queen, Marigold, Tekonsha, The Metairie.

	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.75	\$ 5.00	\$45.00
Rooted Cuttings	4.00	30.00	

White Chieftain.	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$30.00
Rooted Cuttings	3.00	25.00	

Antique, Chadwick Improved, Chadwick Supreme, Dick Witterstaetter, Golden Chadwick, Hironelle, Mistletoe, Pink Gem, Smith's Ideal, W. H. Chadwick.

	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.60	\$ 4.00	\$35.00
Rooted Cuttings	3.00	25.00	

Chas. Razer, Chieftain, Donatello, Edwin Seidewitz, Ivory, Jeanne Nonin, Mlle. Arlette Dubois, Mrs. B. E. Hayward, Patty, Pink Ivory, Yellow Ivory.

	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	2.50	20.00	

Chrysolora, Clementine Touset, Dr. Enguehard, Glory of Pacific, Harvard, Major Bonnafon, October Frost, Pacific Supreme, Polly Rose, Roman Gold, Smith's Advance, White Bonnafon.

	Per 10	Per 100	Per 1000
2 1/4-in. Pots	\$0.40	\$ 3.00	\$25.00
Rooted Cuttings	2.00	17.50	

Complete list of Pompons, Anemones and Singles. Prices on application.

Not less than 5 plants of a variety at 10, 25 at 100 and 250 at 1,000 rate.

Not less than 25 of a variety sold as rooted cuttings.

Reference or cash from unknown correspondents.

These prices are to those in the trade only.

ELMER D. SMITH & CO.

Adrian, Mich.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8 00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Geraniums

Summer Prices.

Send for my Guarantee.

S. A. Nutt and Buchner	\$10.00 per 1000
Ricard and Poitevine	12.50 per 1000
Asparagus Plumosus	25.00 per 1000
Petunia, 3 inch	3.00 per 100
Salvia Zurich, 3 inch	3.00 per 100
Eudoeia Magnifica	5.00 per 100
Eudoeia Asiatica	5.00 per 100

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

Ipomoea Noctiflora

(MOONVINES)

2 1/2-in. pots	\$5.00 per 100
3-in. pots	8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

BOXWOOD

	Each	In Tubs Pair
PYRAMIDS— 2 1/2-ft.....	\$2.00	\$3.75
3 -ft	2.50	4.50
3 1/2-ft	3.50	6.00
4 ft	4.50	8.00
BUSH— 18-inch .....	.75	1.40
20-inch.....	1.00	1.75
24-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch	3.75	7.00
STANDARDS— 10-inch (out of tubs), doz., \$3.00; 12-in. doz., \$4.00	3.00	5.50
18-20-inch stem, 12-inch ball tops.....	1.25	2.25
12-in stem, 12-in. crown	1.50	2.75
14-16-in. stem, 12-in. crown	2.75	5.00
GLOBES— 15x15-inch	3.50	6.50
18x18-inch	4.50	8.00
20x20-inch		

Out of tubs 25c each reduction.
10 per cent discount allowed on Pyramids in lots of 10 or more.
10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN— 12-inch.....	\$0.45	\$4.50	\$35.00
18-inch.....	.75	8.00	50.00
GREEN— 18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED— 12 to 18-inch.....	\$0.60	6.00	50.00

Ampelopsis Veitchi, 3-yr., Extra, per 100, \$12.00

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

500,000 PANSIES

Field-Grown—In Bud and Bloom—Mixed Colors

There is no better strain for commercial purposes than my **Superb Strain Pansies**, grown from seed of my own raising, and the result of over 20 years' careful breeding. Send a trial order and be convinced. Fine, large plants, \$1.25 per 100, \$10.00 per 1000. Some extra large plants, \$15.00 per 1000.

Largest Grower of Pansies for the Trade in the United States.

1300 VINCA VARIEGATA

Out of 4 inch pots, \$12.50 per 100.

GERANIUMS. out of 3 1/2 inch.....\$7.00 per 100

CASH WITH ORDER. BY EXPRESS ONLY.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipig Avenues
SAN FRANCISCO, CALIF

Some Excellent Stock

Size Pots.	Per 100	Per 1000
2 1/4-in. Ageratium, white, light and dark blue	\$2.25	\$20.00
2 1/4-in. Alyssum, Large Giant and Little Gem	2.00	18.00
2 1/4-in. Asparagus Sprengerii, large plants	2.50	22.50
3 1/4-in. Begonia, Flowering, 8 lead-lux varieties	10.00	90.00
3 and 3 1/4-in. Canna King Humbert, Brandywine, Crimson Bedder, Crozy, 20 varieties	4.50	40.00
2 1/4-in. Centaurea, dusty miller	2.25	20.00
2 1/4-in. Coleus, Golden Bedder, Verschaffeltii and 15 varieties, mixed	2.50	22.50
2 1/4-in. Cupheas, cigar plant	2.25	20.00
2 1/4-in. Fuchsias, double and single, 12 varieties	2.75	25.00
4 -in. Fuchsias, double and single, 12 varieties	7.50	70.00
3 1/2 and 4-in. Geraniums, Nutt, Ricard, Poltevine, Buchner, etc.	7.00	65.00
2 1/4-in. Heliotropes, white, light and dark blue	2.75	25.00
4 -in. Heliotropes, white, light and dark blue	7.50	70.00
2 1/4-in. Marguerites, white, yellow and Mrs. Sander	2.50	22.50
2 1/4-in. Salvia, Bonfire and Splendens	2.50	22.50
3 -in. Salvia, Bonfire and Splendens	5.00	45.00
2 1/4-in. Verbenas, very choice, mixed or separate colors, in bud	2.25	20.00

Correspondence Solicited.

Alonzo J. Bryan

WHOLESALE FLORIST

WASHINGTON, NEW JERSEY

Mention the American Florist when writing

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover postage, 75 cents.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

Address EDITORS OF "H. A."
Chillwell Nurseries, LOWDHAM,
Notts, England

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

STEVENS POINT, WIS.—Charles Helm, who conducts the Main Street Greenhouse, will open a downtown flower shop.

DANVILLE, ILL.—Miss Laura Morgan, who has been in poor health, expects soon to resume work. Mrs. Phelps has carried on the business during her sister's illness.

WEST BEND, WIS.—Harrison Ashman, who took charge of the range of Ziegler & Warnkey in February, has purchased the property, including residence and all real estate.

KNOXVILLE, TENN.—A. H. Dailey is now located in his new store at 517 Market street. A handsome display case and new fixtures present a very attractive appearance. Business has been very good and new help has been added to the sales force.

Rose Plants, 2 1/2 in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Milady	4.00	35.00
White Killarney	4.00	35.00
Maryland	4.00	35.00
Ophelia	5.00	45.00

Ready for Immediate Shipment.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

Mention the American Florist when writing

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery.

\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Mention the American Florist when writing

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Mention the American Florist when writing

Spring List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

Mention the American Florist when writing

Free

This Fine

BUDDING
KNIFEFor 2 New
Subscriptions.American Florist Co.
440 S. Dearborn St., CHICAGO

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

ALYSSUM. Little Gem, thumb pots, 1½c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9.00 per 1,000; \$1.00 per 100. 3-in. strong, \$5.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

ASPARAGUS SPRENGERI, 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

Asparagus Sprengeri, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$5 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

3-in. Sprengeri, nice plants, \$5.00 per 100. Cash please. EDGAR EASTERDAY, Nokomis, Illinois.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azalea Mollis, bushy plants, full of buds, all colors, mixed, 12 to 15-in. high, 35c each; \$4 per doz.; \$30 per 100. The Storrs & Harrison Co., Painesville, O.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS. 100 Begonia Xmas Red, 2½-in. \$5.00 " " 3-in. 8.00 Erfordii, 2½-in. 3.00 " 3-in. 6.00 Chatelaine, 2½-in. 3.50 " 3-in. 8.00 Prima Donna, 2½-in. 3.00 Extra strong plants, all in bloom.

Vernon Erfordii, Prima Donna, Luminosa and Triumph. Strong transplanted seedlings, \$1.25 per 100.

Begonia tuberosus rooted, \$5.00 per 100; \$1.00 per doz. ERNEST ROBER, Wilmette, Ill.

BEGONIAS.

Begonias. We make a specialty of them.

Chatelaine, 2½-in.	\$ 3.50	1,000	\$ 30.00
Chatelaine, 3-in.	5.00		45.00
Chatelaine, 4-in.	6.00		50.00
Erfordii, 3-in.	6.00		50.00
Luminosa, 2½-in.	2.50		20.00
Luminosa, 3-in.	4.50		40.00
Luminosa, 4-in.	6.00		50.00
Prima Donna, 2½-in.	2.50		20.00
Prima Donna, 3-in.	4.50		40.00
Prima Donna, 4-in.	6.00		50.00
Xmas Red, 2½-in.	6.00		50.00
Xmas Red, 3-in.	8.00		70.00
Xmas Red, 4-in.	10.00		90.00
Vernon, 2½-in.	6.00		50.00
Vernon, 3-in.	8.00		70.00
Vernon, 4-in.	10.00		90.00
Lorraine, 2½-in.	12.00		100.00
Cincinnati, 2½-in.	15.00		120.00

Pfyer & Olsem, Wilmette, Ill.

BEGONIAS—Delivery from May 15.

Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellcott St., Buffalo, N. Y.

Begonias, gracilis, luminosa, Prima Donna, \$2.50 per 100; argentea guttata, Marjorie Daw, Mad. de Lesseps, Rubra, Alba Picta Rosea, \$4 per 100. The Storrs & Harrison Co., Painesville, O.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

Boxwood, 12-15-in.	Each. 35c
" 15-18-in.	65c
" 18-24-in.	\$1.00
" 24-30-in.	\$1.25 to 1.50
Pyramids, 2-2½ ft.	1.50
" Heavy	2.00
" 3-3½ ft.	2.50
" Heavy	3.00
" 4 ft.	4.00
Standard, 12-in.	2.50
" 15-in.	3.50
Globes, 12-in.	1.75

All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling. ERNEST ROBER, Wilmette, Ill.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-in. balled, 35c each. 15-in. balled, 40c each; 18-in. balled, 50c each. THE D. HILL NURSERY CO., INC., Dundee, Illinois. Box 404.

BOXWOOD.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. Well shaped plants. For sizes and prices, see advertisement elsewhere in this issue. A. Henderson & Co., 211 No. State St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BUDDLEIA.

Buddleia Magnifica, \$5 per 100; Buddleia Asiatica, \$5 per 100. Albert M. Herr, Lancaster, Pa.

BULBS.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 300, \$20. Wm. F. Kasting Co., 383-387 Ellcott St., Buffalo, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Canna. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	100	1,000
Enchantress	\$2.00	\$18.00
Philadelphia	2.00	18.00
Washington	2.00	18.00
Rosette	2.50	20.00
White Enchantress	2.00	18.00
Champion	3.00	25.00
Carnegie	2.00	15.00
Victory	2.00	18.00

WIETOR BROS., 162 N. Wabash Ave., Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterburg, 158 North Wabash avenue, Chicago.

Carnations, Pink Enchantress, Rose Pink Enchantress, Philadelphia, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100	Per 1,000
Salomon Gold, yellow.....	\$2.00	\$18.00
Ramapo, yellow.....	2.00	18.00
Col. D. Appleton, yellow.....	2.00	18.00
Bonnaffon, yellow.....	2.00	18.00
Chas. Razer, white.....	2.00	18.00
White Bonnaffon, white.....	2.00	18.00
Dr. Enguehard, pink.....	2.00	18.00
Chrysolora, yellow.....	2.00	18.00
Hailday, yellow.....	2.00	18.00
Intensity, red.....	2.00	18.00
Lynwood Hall, white.....	2.00	18.00
Chieftain, pink.....	2.00	18.00
Alice Salomon, white.....	2.00	18.00
E. A. Seidewitz, pink.....	2.00	18.00
Clem. Touset, white.....	2.00	18.00
Bronze Touset, bronze.....	2.00	18.00
Early Touset, white.....	2.00	18.00
White Chieftain, white.....	2.00	18.00
Roman Gold, (yellow).....	2.00	18.00
Smith's Ideal, (white).....	2.00	18.00
Golden Queen, yellow.....	2.00	18.00
Buckbee, white.....	2.00	18.00
Nagoya.....	2.00	18.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100	Per 1,000
Lulu, white.....	\$2.00	\$18.00
Baby, yellow.....	2.00	18.00
Overbrook, yellow.....	2.00	18.00
Smith's Astor, yellow.....	2.00	18.00
Saber, yellow.....	2.00	18.00
Cubit, tan.....	2.00	18.00
E. D. Godfrey, pink.....	2.00	18.00
Croesus, bronze.....	2.00	18.00
Tiber, brown and red.....	2.00	18.00
Mensa, white.....	2.00	18.00
Quinola, yellow.....	2.00	18.00
Pretoria, yellow.....	2.00	18.00
Zenobia, yellow.....	2.00	18.00
Mary Richardson, terra cotta.....	2.00	18.00
Aglol, variegated.....	2.00	18.00
H. Hicks, brown.....	2.00	18.00
Klondyke, yellow.....	2.00	18.00
Mrs. F. Beu, bronze.....	2.00	18.00
Sylvia, red.....	2.00	18.00
Sydania, yellow.....	2.00	18.00
Miss Julia, yellow.....	2.00	18.00
Lillia.....	2.00	18.00
Mrs. Buckingham, pink.....	2.00	18.00
Souv. Melanilla, pink.....	2.00	18.00

WIETOR BROS.

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

WHITE	Per 100	Per 1,000
Smith's Advance.....	\$2.00	\$15.00
Early Frost.....	5.00	50.00
Virginia Poehlmann.....	2.00	15.00
Alice Salomon.....	2.00	15.00
Alice Byron.....	2.50	20.00
Wm. Turner.....	2.50	20.00
Chas. Razer.....	2.00	15.00
Lynwood Hall.....	2.00	15.00

YELLOW	Per 100	Per 1,000
Chrysolora.....	2.00	15.00
Golden Salomon.....	2.00	15.00
Yellow Eaton.....	2.50	20.00
Odessa.....	6.00	60.00
Bonnaffon.....	2.00	15.00
Nagoya.....	2.50	20.00
Daily Mail.....	6.00	60.00

PINK	Per 100	Per 1,000
Amorita.....	2.00	15.00
Chieftain.....	2.00	15.00
McNiece.....	2.00	15.00
Dr. Enguehard.....	2.00	15.00
Mrs. E. A. Seidewitz.....	6.00	60.00

CRIMSON	Per 100	Per 1,000
Shrimpton.....	2.00	15.00
H. E. Converse.....	5.00	50.00

J. D. THOMPSON CARNATION CO., Illinoi.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

The finest yellow 'Mum for Thanksgiving. A deep Golden Yellow Eaton, Rooted Cuttings, \$15 per 100; 2½-inch pots, \$20 per 100. The McCallum Co., Inc., Pittsburgh, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

COLEUS.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. Six best varieties, 2½-in., \$3 per 100. Pyfer & Olsem, Wilmette, Ill.

Christmas Gem Coleus, 3c. B. C. Blake, R. D. 4, Springfield, Ohio.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCAS.

Cycas stems. New stock, all sizes. 100 lbs., 8c per lb.; 500 lbs., 7½c per lb. Vaughan's Seed store, Chicago and New York.

CYCLAMEN.

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 2, 2½ and 2½-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 2, 2½ and 2½-in. pots.....	\$10.00
Rose of Wandsbek, bright salmon, 2, 2½ and 2½-in. pots.....	12.00
Schoene Dresdnerin, soft salmon rose, 2, 2½ and 2½-in. pots.....	12.00
Pearl of Zehlendorf, bright salmon rose, 2, 2½ and 2½-in. pots.....	13.00
Glory of Wandsbek, bright rose, 2, 2½ and 2½-in. pots.....	15.00
An assortment of the above nine varieties at \$11.00 per 100. Can be shipped from now on.	

ANTON SCHULTHEIS, 316 Nineteenth St., College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN, mixed seedlings, repotted, thumb pots. Ready now, 3c. Cash. B. C. BLAKE, R. D. No. 4, Springfield, O.

DAISIES.

DAHLIAS, 20 best named varieties, strong, 2-inch pot plants, \$3.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies. New kind of double Shasta. S. Murata & Co., Los Angeles, Calif.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

15,000 ferns. Strong rooted runners. Whitman, Boston and Harris, \$2.00 per 100. Cash. E. F. ROSE, Taunton, Mass.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Dish ferns, all standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, O.

Ferns. Extra long new dagger ferns. Special prices in case lots. The Leo Neissen Co., Philadelphia, Pa.

GERANIUMS.

GERANIUMS. Extra strong 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rodgers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

ROOTED GERANIUM CUTTINGS.

	Per 100	Per 1,000
S. A. Nutt, dark red.....	\$1.25	\$12.00
Double Gen. Grant, bright red.....	1.25	10.00
Mme. Buchner, double white.....	1.25	10.00
Beaute Poitevine, Salmon pink.....	1.50	14.00

THE W. T. BUCKLEY CO., Illinois.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Viaud and Gen. Grant, 4-in., \$7.00 per 100. \$65.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$4.00 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS., Ricard, S. A. Nutt, Jean Viaud, White Buchner, 3½-in., 7c; White Buchner, 4-in., 8c. All good plants, bud and bloom. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. 10,000 S. A. Nutt, 2-in. pots, \$25.00 per 1,000. Ready now. Cash, please. B. C. BLAKE, R. D. No. 4, Springfield, Ohio.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums. Best four varieties in bud and bloom. 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Geraniums, out of 3½-in. pots, \$7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLI.

Gladioli. First size bulbs. America, pink and Francis King, scarlet, \$1.25 per 100; \$10 per 1,000. Augusta, white, \$1.45 per 100; \$12 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Gladioli. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; buckleyberry foliage, \$2.50 per case; lyrate, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrate, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HARDY PERENNIALS.

HARDY PERENNIALS—Aquilegas, campanulas, calliopsis, digitalis, Glaucium luteum, hollyhocks, white and yellow; sweet williams, Shasta daisies. All 3-in. pot plants, wintered in cold frame; \$6 per 100. I. N. KRAMER & SON, Cedar Rapids, Iowa.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HELIOTROPE, 2-in. strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

Trailing Lantana, fine for porch boxes, etc., 4-inch pot plants, \$6.00 per 100. THE F. WALKER CO., 312 W. Chestnut St., Louisville, Ky.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plps. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Japan lilies, retarded bulbs from cold storage. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington Co., Inc., 128 Chambers St., N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, Cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES, Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentia Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 739 Buckingham Pl., Chicago.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wycote, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Kentia Belmoreana, 2½-in. pots, \$9 per 100; 3-in. pots, \$14 per 100. The Storrs & Harrison Co., Painesville, O.

PANSIES.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

PANDANUS VEITCHI, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 50c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias. Best fringed French varieties, 4-in., \$8 per 100. Pyfer & Olsem, Wilmette, Ill.

Petunias, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

PHLOX.

HARDY PHLOX, 20 best varieties, divided field clumps grown in 30-inch pots, dwarf and bushy, \$4.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

Killarney Brilliant	100	1,000
Killarney	4.00	\$35.00
White Killarney	4.00	35.00
Sunburst	5.00	40.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

Extra strong 3½-inch plants.

Sunburst 6.00 55.00

VIETOR BROTHERS.

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in. Grafted.	2½-in. Own Rt.
Russell	1,000	1,000
Killarney	\$120.00	none
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	.....
Richmond	100.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILLINOIS.

2½-INCH ROSE PLANTS.

	100	1,000
Pink Killarney	\$2.50	\$20.00
Sunburst	3.00	25.00

Good Stock. Order Early.

GEORGE REINBERG,
162 North Wabash Ave., Chicago, Ill.

Roses, 2½-in., Killarney, Milady, White Killarney, My Maryland, \$4 per 100; \$35 per 1,000; Richmond, \$3 per 100; \$25 per 1,000; Ophelia, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses.—Field-grown, 2-year dormant, \$12 per 100. For varieties, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

SALVIAS.

Salvias, thumb pots; \$1.25 per 100; 2-in. Bonfire, \$1.75 per 100. Cash please. B. C. BLAKE, R. D. No. 4, Springfield, O.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SALVIA BONFIRE. Good plants, 2½-in., 2½c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Salvia, Zurich, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

SEEDS, BEGONIA—Luminosa, trade package, 50 each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.
Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed. Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolognani & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

SNAPDRAGONS.

SNAPDRAGONS, 2-in. pots, pink, red, white, 3c each. Cash, please. B. C. Blake, R. D. 4, Springfield, O.

SWEET PEAS.

Winter Orchard Flowering Sweet Pea. New list will be ready in June; write for it. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

TUBEROSES.

Tuberoses, Double Pearl, \$12.50 per 1,000; S. Armstrong, \$13 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

VEGETABLE PLANTS.

Fine field grown cabbage plants, \$1.00 per 1,000; 5,000, \$4.00; 10,000, \$7.50. Tomato, \$2.00; pepper, \$2.50; sweet potato, \$2. Well packed and satisfaction guaranteed anywhere. TIDE-WATER PLANT CO., Box 58, Franklin, Va.

SWEET POTATO PLANTS, 3,000,000, Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancy-mond, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

VEGETABLE PLANTS.

Vegetable plants, cabbage and lettuce, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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VERBENAS, in separate colors, red, pink, striped, purple, blue, and white, in thumb pots, 2c. Cash, please. B. C. Blake, R. D. 4, Springfield, O.

VERBENA. Good plants, 2½-in., in separate or mixed colors, 2c. Cash with order. GUS SCHLEGEL, Olney, Ill.

VINCAS.

VINCA VAR., 2½-in., \$3 per 100; 3-in., \$6 per 100; 3½-in., \$8 per 100; 4-in., \$12.50 per 100. HARRY HEINL, West Toledo, O.

VINCAS.

75,000 rooted cuttings, variegated vinca, now ready, \$1.00 per 100; \$9.00 per 1,000. I. N. KRAMER & SONS, Cedar Rapids, Ia.

Variegated Vinca, strong 4-inch pot plants, \$11.00 per 100. THE F. WALKER CO., 312 W. Chestnut St., Louisville, Ky.

Vinca Var., out of 4-in. pots, \$12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Flowering, decorative and vegetable plants. For varieties and prices, see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, N. J.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Commercial Humus, just what you need for pot plants. 10 100-lb. bags for \$5. Commercial Humus Co., 509 Firemen's Bldg., Newark, N. J.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

PERFECTION BRAND INSECTICIDES AND DISINFECTANTS. Write for prices. Perfection Chemical Co., Flushing, N. Y.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$1.50 per gal. Aphine Manufacturing Co., Madison, N. J.

POTS AND PANS.

Kramer's pot bangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

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SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

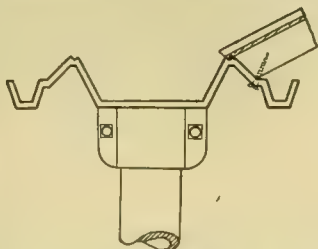
Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

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Use The Garland Cast Iron Gutter When You Build



It has made good in hundreds of large ranges throughout the country and is recognized by all the growers who have used it as the best in the field. Gutters that were used for twenty years in old houses were found to be practically as good as new and when the other material was thrown on the rubbish heap the Garland Cast Iron Gutters were set aside to be used in the new range. Absolutely the best and safest Gutter to use. It costs no more and lasts a life time. Get in touch with us whenever you need anything in Greenhouse Materials. Always remember that we make the greenhouse complete and that it pays to get our sketches and estimates before you build.

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 LOUIS WITTBOLD, President.

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Write for catalog.

JOHN A. EVANS CO.,
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WRITE FOR CATALOG

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Jersey City, N. J.

The Lincoln Flower Shop is a retail enterprise recently started by G. H. Dahlinger at 8 Lincoln street. He was for seven years, with A. Stehle & Son, 444 Central avenue. He is a clever and active young man and has a good store.

Mrs. Henrietta Haas has a nice store at 417 Palisade avenue and is doing a good business. She is one of the earliest morning buyers in the New York wholesale district.

The ladies of Jersey City seem to take kindly to the retail business. Beside Mrs. Haas, there are May F. Kendall, Mrs. Kelly, Mrs. A. Seely and Miss M. O'Driscoll, all of whom have their own stores.

E. Bonnet, formerly of the Bonnet Flower Shop, who some time ago sold out to Fred. Dressel, Jr., is again in business. A. F. F.

Too Conscientious.

"That policeman is too conscientious to be a gardener."

"What do you mean?"

"He arrested the growth of a vine on his house when he found it climbing through a window."

Same Everywhere.

A suggestion by a gardening specialist from Washington that Pittsburgh should have a twelve-month school year is greeted with deafening silence by the rising generation.—Pittsburgh Dispatch.

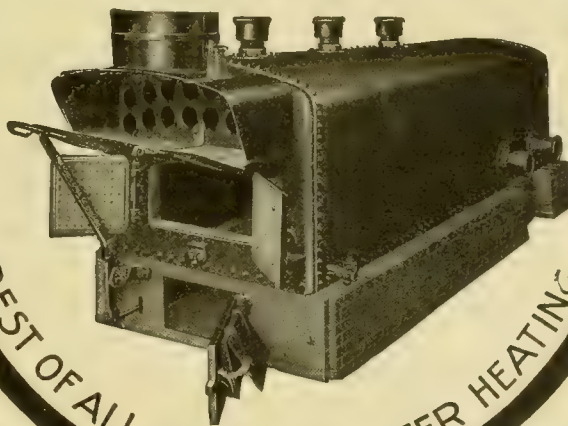
DOVER, N. H.—C. L. Howe has sold out the Portland Flower Shop.

STAMFORD, CONN.—Woundy & Leonard have opened an office at 1 North Front street and will make a specialty of landscape gardening.

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Kroeschell Bros. Co.

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 Reasonable Prices

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Greenhouse Material Hardware Hotbed Sash

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ALBION, N. Y.—Robert Marsh has sold his establishment on West avenue to J. W. Langenbach.

TACOMA, WASH.—Van Slyke & Seamons have dissolved partnership. A. G. Seamons will continue the business.

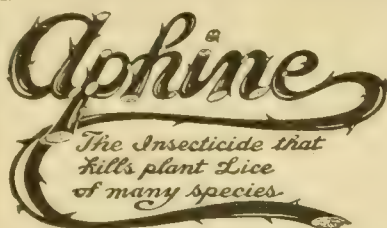
KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

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We Claim Maximum Strength and Minimum Shadow. Investigate

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A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

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MADISON, N. J.



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Steam and Hot Water

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**NIKOTEEN**

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For Fumigating.

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SIZE 2 1/2
SIZE 2

No. 2. Large single thick glass.
No. 2 1/2. Double thick.
No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
No. 2 1/2 (1 1/2) per 1000 60c, 5000 at 55c.

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BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

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32 UNION STOCK YARDS, CHICAGO

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Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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SYRACUSE, N. Y.

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BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'TY

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Rep.

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No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.45	\$16.00	\$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

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Unsurpassed.

Write for prices.

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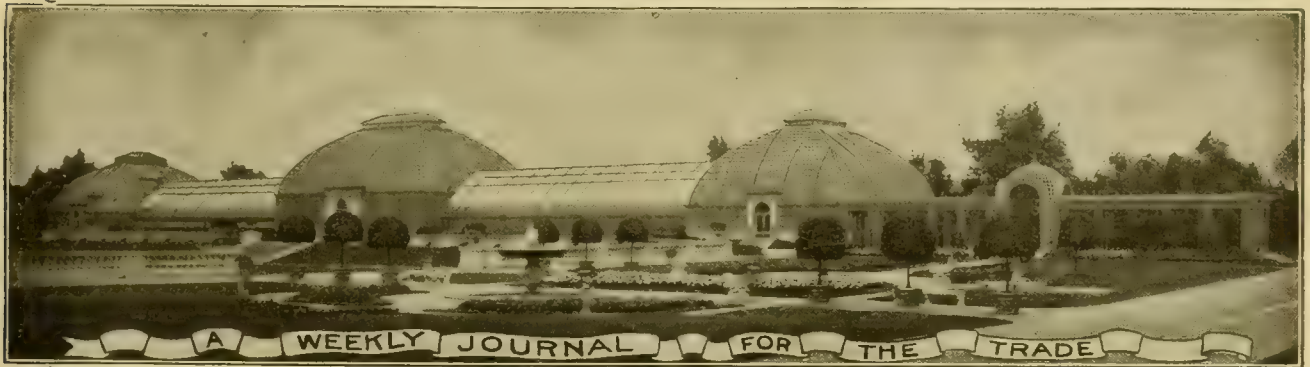
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 440 S. Dearborn St., CHICAGO

THE AMERICAN FLORIST



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Vol. XLVI.

CHICAGO AND NEW YORK, JUNE 10, 1916.

No. 1462

THE AMERICAN FLORIST

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SUGGESTIONS FOR PLANT GROWERS.

Freecias.

A crop of freecias, or a few plants in pots in bloom, at Christmas is a valuable asset on that holiday. In order to have them in bloom at that time the bulbs should be planted by July 1. Select the large strong bulbs, and by careful inspection many will be found on which the root eyes are beginning to swell. These will make the earliest blooming plants, and this selecting will produce plants that will all bloom at the same time. The bulbs should be planted in a good soil enriched with well rotted manure, but no fresh manure; it is a well understood principle that bulbs of all kinds do not grow well in soil full of fresh manure. Eight to ten large bulbs in a 6-inch pot will give the best results. The pots should be well watered and placed in a dark, cool place until the shoots appear above the ground, when they should be given a light location. As soon as the growths get tall enough they should be staked and tied. By continual early selection of the bulbs, and keeping the earliest separate, an early strain can be assured.

Calceolarias.

A plant that always attracts attention and is as decorative as cineraria or other plants of that kind, and yet but little grown, is the calceolaria. The culture is very similar to that of the cineraria and is fully as easy. The seeds should be sown at once and shaded until they have produced one or two leaves when the shade should be made lighter. As soon as large enough they should be potted into small pots and shifted along into larger sizes as fast as is required. They should, as soon as well established, be given a light, airy location not shady enough for them to become drawn, but if in the full sunlight will have to be watched closely that they do not get dry. They will require cool quarters during the winter, if nice stocky plants are desired, and under this treatment fine 6-inch pot plants may be had in bloom in early spring that will surely attract attention. For the last potting a good rich soil will

be required and when they begin to bloom watering with liquid manure will be beneficial. Like the cineraria they are quickly ruined by aphid and constant fumigation will be necessary. Many growers stand the plants on tobacco stems which are renewed as the strength is lost.

Oleanders.

A plant that does not receive the attention that it should is the oleander. While there probably would not be a large demand for this plant, yet it is an old time favorite, and well grown specimens in bloom are a valuable addition to a porch or lawn. They are too often so sadly neglected that they get unshapely and far from being an ornament, but a little attention to trimming them into shape after they get through blooming will keep them in good condition. They can be wintered in any cool quarters, and if brought into the heat and light in June and July and a valuable decoratively spring will be full of bloom in five plants. The cuttings root easily and at any time when the plant is in growth, and grow very rapidly for a hard-wooded plant. Any florist carrying a line of assorted stock should include a few of these in the variety which he cultivates. The only insect which troubles them is the mealy bug, but a good frequent hard syringing will soon dislodge them.

Nephrolepis.

Probably no plant that the florist grows gives more returns for the labor spent in its culture or the space that it occupies than the Boston fern and its various sports. The old Boston is still, however, the easiest to handle and grow. The plants should be repotted every year, and with good treatment are sure of making nice plants. Any plants that are in poor condition can be divided and with the young stock planted in a bench of good rich soil. The house should be shaded enough to assure of good color on the foliage, but not heavy enough to prevent the house being maintained at a good high temperature. During the day the house should stand at about

80 degrees with a little ventilation which should be closed down before the sun leaves the houses. The plants can be set six inches apart and the soil should be two parts loam, one part leaf mold, and one part rotted manure. The house should be frequently syringed to keep a moist atmosphere. Under these conditions fine plants can be produced from young stock in three months. In September they should be lifted and placed in 6-inch pots, if single specimens are desired, or three or four plants can be placed in a 9-inch or 10-inch pot if larger plants are wanted. In lifting

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Commencement Flowers.

The commencement season is here. The days of doubt and anxiety are over—the dreadful exams were met and conquered. Preparation is now the order of the day; the selection of the dress and the kind of flowers that will be carried are the all absorbing subjects. Right here is where the florist comes in; to be master of the situa-

florist goes after the order at \$4.00 per dozen, for all long-stemmed flowers, each bunch with a ribbon. He hopes to get out with half long and half short, but generally goes into the hole and wishes he had never seen the order. The same money would have furnished a handsome bunch of pink roses or the same in combination with some other flower that that would have pleased just as well and shown a good profit instead of worry and loss.

To bring this about is a question of salesmanship, combined with diplomacy. Another mistake is to promise to furnish a big lot of red roses in the middle of June, just at the time when the growers have commenced to dry off their beds. The flowers have no substance and should the weather become very hot, as is often the case at this season, the buds come very small and almost single, and are sure to prove unsatisfactory. In many of the select and smaller schools the flowers sent are often quite elaborate—large bunches of American Beauties, baskets of roses, all pink, all yellow, or combined with other appropriate flowers in color combination.

The blue "sunshine baskets," that is blue tinted with white, make up beautifully with pink roses and a blue ribbon. Snapdragon is largely used, as it is so plentiful and in such good form at this time. Sweet peas are great favorites, either made in large round bunches or sprays or arranged in baskets or hats. They are often a "class" flower, each graduate carrying a huge bunch of the same color. If handled intelligently this class of work is well worth while, showing a very good profit. In a competitive test, as is sometimes the case where samples are asked for, the best bunch of two, two and a half or three dozen roses, with ribbon for a certain price, is chosen. In a recent case, the committee could not decide, so the seven bunches were numbered and the whole class voted, the bouquet getting the highest number of votes winning out.

The matter of cards is very important on bunches sent by individuals. If for any reason the card becomes detached, there is a reflection on the



STORE OF PENN THE FLORIST, BOSTON, MASS.

the plants they can be cut around about two inches from the crown, and lifted with a trowel, leaving the runners in the bench, if the place they occupy is not wanted at once. The runners will immediately break into small plants which can be placed in flats for young stock for the next season. The finer varieties of this fern, such as Whitman, do not submit to the lifting and potting as well as the old Boston and better plants can be obtained by potting along into larger pots as may be required. The only insects that trouble these ferns are the brown scale, and the plants should be kept clean from these either by washing, or spraying with aphine, or a weak nicotine solution.

Poinsettias.

The propagation of poinsettias should be pushed to the utmost at this time, for it is the plants that are rooted early in July that make the best single specimens at Christmas. Those that are rooted later in July and during August will make fine plants for pans, placing four to eight plants in a 6-inch or 8-inch pan, for they will be much shorter than those rooted early in July. The plants that were rooted earlier should now be growing nicely and should be shifted into larger pots as soon as they require it; under no circumstances allow them to become pot-bound until the bracts begin to set in November. They should be placed in the bright sun as soon as strong enough to endure it, that the growth may be short and sturdy and the leaves as close together as is possible. A long, drawn plant grown in the shade, with the leaves far apart, is not the typical plant for the holidays and does not meet with approval.

tion or to be mastered by it, according to his capabilities.

School girls, who have little or no experience in selecting flowers, will often let their fancy run away with their judgment and choose something in "class" colors that is almost impossible to be had at this season. They are often partial to American Beauties for the close of the February term. With from one hundred and fifty to two hundred graduates each to be supplied with one dozen American Beauties, an enterprising (?)



STORE OF PENN THE FLORIST, BOSTON, MASS.



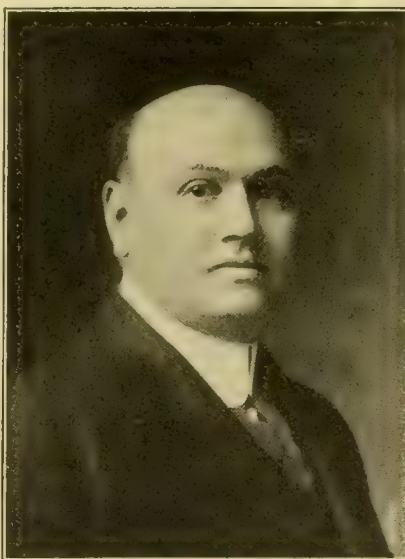
ROBERT BURNS WINDOW IN PENN'S STORE, BOSTON, MASS.

florist, "who never sent them." It is best to demand a receipt from the head usher or person in charge. The card envelopes, now so generally used, carrying in addition to the card a written description of the article to which they are attached, is a great help in locating a lost bunch, and is also of assistance to the recipient in thanking the donor for the proper "lovely bunch or basket" as the envelope reveals. It is much better to give each bunch a box to itself, as if left lying unprotected on a floor in a drafty hall, it very soon presents a *passee* appearance.

In the case of class bunches, they are sometimes ordered to be sent to the home address of the various graduates. This is a great mistake. It is much better to have them handed out at the hall where the exercises take place without name, each girl getting as good as her neighbor. To have them named and hunt for each bunch when possibly two hundred or more graduates arrive almost all at one time, produces great confusion and is not the plan adopted twice by the same florist.

Each season some persons will be found raising their voices in protest at this great "waste" of money. The cost of the dresses, the class pins, and other expenses, and then the flowers, which do not probably cost a tithe of the other things, are singled out and made the goat. Girls are girls and flowers are flowers, sweet girl graduates and lovely flowers have always had an affinity for one another and let us hope they always will, notwithstanding the wishes of the carping critics.

K.



Henry Penn.

The House of Penn.

Before the traveler gets to Boston, he is pretty sure to know that in that famous city, at 124 Tremont street, he will find Penn, The Florist. Electric signs at night and huge attractively painted boards with the conspicuous trade mark of the name "Penn, The Florist," divided with a long quill pen, are seen along the railroads and in many of the much traveled thoroughfares of the city. The house is not satisfied with this publicity, however, and spends a small fortune each year

in keeping their name and business before the public through the medium of the best newspapers. The store is one of the finest appointed in the country, being most commodious when one considers its location, right in the center of the shopping district, where rents are almost prohibitive. On either side of an imposing entrance are two large show windows, the one on the corner of Hamilton place extending quite a distance down this street. Both are at all times filled with pictures in choice and rare flowers, reflecting the artistic ability and resources of this wide awake establishment. Inside, the store is beautiful in its appointments, and a model in its practical features, the refrigerator flower cabinets the ample space for showing plants with decorative effects, and the working tables, which do not intrude, but are centers of interest to the visitors, all seem to fit in exactly the right place. The fountain court, with its Italian fountain surrounded by marble pillars, with a beautiful glass ceiling, is brilliantly illuminated at night by concealed electric lights. The business offices are on a balcony in the rear, with the private office of the firm on the first floor. The cashier's desk, with several office clerks, is to the right of the fountain court. A white enamel, octagon card or writing table on a heavy pedestal, is a feature. This is in the middle of the store; it has a glass top and in the center are ink wells, pens and blotters, while at the outer edge, below the glass, are receptacles filled with cards and envelopes.

The basement is commodious, being the same size as the storeroom above. The interesting feature here is the

Automatic Audiffren refrigerating system. The motive power is electricity, which pumps water through pipes, extracting the heat without the use of ammonia, the temperature of the two stock refrigerators in the basement and the store show cabinets being kept at any desired temperature by the automatic thermostat. To handle this large business there is a force of about 45 employees with a number of auto-

Take a young man of personality and good habits, who delights in flowers and the society of other flower lovers, see that he has an original turn of mind, one who is not afraid to use his brains in quest of new ideas, give him \$300 to \$5,000, according to his field of operations, and last and most useful, teach him to keep the newspapers working for him through their ad' pages, impress him thoroughly with

at four per cent, this leaves a profit of 56 per cent. Asked as to extending credit, Mr. Penn said they always welcomed new accounts; their loss from bad bills last year was only 1/2 of one per cent. All good stores seek charge customers. They are also constantly alive to the prices of their competitors, some having shoppers who go about making purchases to learn as much as possible of the business methods of others in their line.

When asked to account for the great observance of Memorial day in New England, he said, he could hardly give a satisfactory explanation, they had introduced the magnolia wreath with crepe flowers and asparagus because it was impossible to get fresh flowers enough for the demand. This enabled them to handle the business more expeditiously, as so much could be gotten ready before. They do not sell as many now as at first, as everybody has launched into the business, even the department stores stocking up with them. It was first popularized with heavy advertising and it certainly brought business and greatly expanded the trade of Memorial day. Advertising, in Mr. Penn's opinion, is the only way to serve all the classes, from the man who has the full dinner pail, up to the millionaire. The name must be popularized and made synonymous with flowers, so that people will think of flowers and of Penn at the same time. When one thinks of a lock, the name Yale comes up. Candy in Boston means Paige & Shaw, and so on. To get famous for a dollar box, was death to a better trade, although good to push when flowers were plentiful, and this fact advertised. Retail dealers should at all times move with the market; when flowers were plentiful and cheap, keep them going by giving good values; it is not fair to the grower to hold prices up when flowers are plentiful. Penn would rather sell 2,000 customers \$2 worth each than have 40 who purchased \$4,000 worth in \$50 lots. The individual sales for seven months last winter averaged \$3,



F. R. PIERSON CO.'S EXHIBIT AT INTERNATIONAL GARDEN CLUB SHOW, NEW YORK
I. Hicks & Son's Exhibit Adjoining.

mobiles in its delivery department. A trunk line telephone service, with an operator in charge, insures immediate attention to all calls.

This is a brief description of the home of Penn, The Florist, as it stands today. Its rise from nothing is an interesting story. The proprietors are Henry and William Penn. Henry Penn first opened a store in Bromfield street about 15 years ago, with a capital of less than \$300, which he had made and saved from flowers sold as a sidewalk merchant. He was progressing in a moderate way, when an incident occurred which suggested advertising as an aid to his business. A customer asked one day: "What are you going to 'soak' me for one dozen carnations"? This set Mr. Penn to thinking that he must let the people know that he gave quality, service and economy in flower buying, but how? There was only one medium—the newspaper—to tell the public constantly and conspicuously so that they cannot help but see it. Advertising is peculiarly essential to the flower business because prompt sales are the only kind that can be made. A house will keep, a vacant lot cannot run away, but nothing is more unsaleable than a withered flower. This business offers unlimited advertising possibilities. Every season of the year has its sentiments that only flowers can express. In addition to days and occasions that are celebrated generally in flowers, every week in the year is full of the more intimate anniversaries and celebrations for which flowers are appropriate, so that they may be said to be always in season. Penn now advertises two or three times a week and oftener for holidays and special seasons.

When asked the chances of a young man starting in business at this time, he said it depends on the individual.

the importance of keeping his business constantly in peoples' minds, so that when flowers are wanted there is suggested the mental picture of himself and his individual ad's, so that his ad's and firm are welded for all time and come first to mind on every occasion when flowers are required. Such a man's chances for success are A. 1. As for location, he must act according to his purse; it is best to take a small place and expand as he grows. The quicker he learns that he does not need credit, the better for him. Two per cent in ten days means 60 per cent a year and as money can be borrowed



W. A. MANDA'S EXHIBIT AT INTERNATIONAL GARDEN CLUB SHOW, NEW YORK.



JULIUS ROEHR'S CO.'S ROSE GARDEN AT THE INTERNATIONAL GARDEN CLUB SHOW, NEW YORK.

while they now are running at \$2.50. A new cash register tabulates every sale or charge and greatly simplifies the business. An original order sheet and duplicate, folded so that one is a trifle shorter than the other are both marked paid or charge and dated alike, with one stamp of the machine. This had been a great help in their bookkeeping.

Wm. Penn believes too much is made of artistic ability—70 per cent business and 30 per cent artist is a better combination than if the figures were reversed. In the retail store much depends on the salesman; one must not be too quick in sizing up a customer. If a man is asked five dollars, or ten, and he wants something for twenty, he loses confidence, he feels he is not in the right place and the same impression is created if the customer is seeking a lower priced article. It is best to say, at the proper time, and with the proper inflection, "How much do you feel you would like to spend?"

Again, in speaking of advertising, Mr. Penn said that of two men of same ability and opportunity, starting at the same time in the flower business, one advertising and the other not, the printer's ink man would soon forge ahead and be on easy street, while the other was still plodding along.

Examples of Penn advertising have from time to time been seen in the columns of *THE AMERICAN FLORIST*. New and original copy, much of it illustrated, is constantly being used. Their telephone is called Boston's Flowerphone, 6900. The new store being of much higher class than the old, they emphasize the fact that prices, however, are no higher, better facilities and larger volume of business enabling them to keep prices to lower levels for quality flowers. They are great believers in the Florists' Telegraph Delivery,

and do a large business, both with and for other florists.

We are indebted to Henry Penn for the above ideas and account of the business. He is a very busy man, but most courteous, and is always ready and anxious to greet his brother craftsmen, show them through the beautiful store and explain his business methods.

K.

New York Summer Show.

The first summer show of the International Garden Club was held at the Bartow mansion, Pelham Bay Park, New York City, June 1-4. The mansion, it may be stated, is the home of the club. Located near the shore of beautiful Pelham Bay, there are many attractive features on the estate. Noble old trees and a wide expanse of lawn stretching down to the water side, make it a most desirable spot for a summer outing.

To accommodate the exhibitors, several large tents were pitched on the lawn. In the largest, the commercial exhibits of flowering and foliage plants were placed and considerable landscape skill was shown in their arrangement, under the management of Arthur Herrington. In this section there were noteworthy exhibits from the following: Julius Roehrs Co., Rutherford, N. J., orchids and other flowering and foliage plants; W. A. Manda, South Orange, N. J., flowering rhododendrons and a collection of ferns; F. R. Pierson Co., Tarrytown, N. Y., flowering rhododendrons, ferns, cut roses and peonies; Lager & Hurrell, Summit, N. J., orchids; Isaac Hicks & Son, Westbury, N. Y., hardy flowering shrubs; Clement Moore, (non-commercial), Hackensack, N. J., orchids. These exhibits occupied the greater part of the large tent. W. A. Manda

had an exhibit of topiary and a variety of evergreen shrubs in tubs, on the lawn. The Julius Roehrs Co., F. R. Pierson Co., Bobbink & Atkins and Isaac Hicks & Son also had lawn exhibits.

We should have been pleased to have seen more competition in all classes, but as this was an initial effort on the part of the club, we have no fault to find. We will, however, offer one or two suggestions that would help to make such shows popular, providing the promoters wish them to become so. The admission, June 1, was \$5; June 2, \$1; June 3, 50 cents; June 4, (Sunday), free. There was nothing to be seen in the show or on or about the grounds that was worth \$5—or half that money. If it had been a society event, held in an exclusive private residence, the case would have been different. There was a restaurant, in a tent on the grounds, as the place is far from commercial hotels and restaurants. In this a flat rate of \$1.50 was charged for a lunch. Such a price does not appeal to a large majority of the people.

The exhibits by private estates was somewhat disappointing, at least on the opening day, when we visited it. Several of the best known private gardeners of the vicinity of New York, were conspicuous by their absence. This may have in part been due to the lateness of the peonies, which were not generally in bloom in this locality. In flowering plants there were creditable exhibits as follows: Mrs. Wm. G. Nichols, Rye, N. Y. (Geo. N. Sullivan, Gr.), group of hardy flowering and foliage trees and shrubs, also display of hardy cut flowers; Mrs. John H. Flagler, Greenwich, Conn. (Wm. Whitton, Gr.), group of foliage and flowering plants, (stove and greenhouse), also, group of hydrangeas;

Mrs. Geo. D. Barron, Rye, N. Y. (Jas. Linane, Gr.), group of summer flowering, bulbous and tuberous plants; Mrs. A. M. Booth, Great Neck, N. Y. (E. Fardel, Gr.), display of cut iris flowers. There was a good exhibit of children's garden work, under the auspices of President Cabot Ward, of the New York park board and Park Commissioner Thos. Whittle of Bronx Borough.

The following garden clubs had creditable exhibits: Greenwich, Conn. Garden Club, Garden Club of New Rochelle, N. Y., National Plant, Flower and Fruit Guild, Women's National Agricultural and Horticultural Association, Rye, N. Y., Garden Club, The Bedford, N. Y., Garden Club, Garden Club of Somerset Hills, N. J. The ladies of the Bronx chapter of the American Red Cross had two tents on the ground and were busy increasing their membership. Assisted by boy scouts, they also gave demonstrations of preparing bandages, and other work of the society. The entire affair was enjoyable and interesting. Our foregoing criticism is not a "knock" but a suggestion. We should be pleased to see the club continue and improve its shows.

The awards in the commercial classes were as follows:

Group of rhododendrons covering 100 sq. ft.—W. A. Manda, South Orange, N. J., 1st; F. R. Pierson Co., Tarrytown, N. Y., 2nd.

Group of ornamental flowering trees and shrubs covering 200 sq. ft.—Julius Roehrs Co., Rutherford, N. J., 1st; W. A. Manda, 2nd.

Group of orchids arranged for effect, covering 75 sq. ft.—Julius Roehrs Co., 1st; Lager & Hurrell, Summit, 2nd.

Group of stove and greenhouse plants covering 100 sq. ft.—W. A. Manda, 1st; Julius Roehrs Co., 2nd.

Group of ferns and selaginellas covering 100 sq. ft.—W. A. Manda, 1st; F. R. Pierson Co., 2nd.

Rock garden, covering 250 sq. ft.—Julius Roehrs Co.

Bay trees, pyramidal or columnar, two plants, not less than 10 feet in height—Julius Roehrs Co.

Bay trees, standard, two plants, heads not less than five feet in diameter—Julius Roehrs Co.

Box trees, pyramidal, two plants, not less than seven feet high—W. A.

Manda, 1st; Bobbink & Atkins, Rutherford, N. J., 2nd.

Box trees, standard, two plants, not less than four feet in diameter—W. A. Manda, 1st; Julius Roehrs Co., 2nd.

Box trees, bush, two plants, not less than six feet high—W. A. Manda.

Box trees, six trained plants—W. A. Manda, 1st; Julius Roehrs Co., 2nd.

Conifers, collection of 25 plants, 25 varieties in pots or tubs—Isaac Hicks & Son, Westbury, N. Y.

Group of bedding plants arranged for effect, covering 200 sq. ft.—Julius Roehrs Co.

Displays of peonies, 100 sq. ft.—John Lewis Childs, Inc., Flowerfield, N. Y., 1st; Bobbink & Atkins, 2nd.

Display of cut hardy flowers, 100 sq. ft.—Bobbink & Atkins.

Display of cut sprays of flowering trees and shrubs, 100 sq. ft.—Isaac Hicks & Son.

Display of cut roses—F. R. Pierson Co., 1st.

In the classes for private growers the following were among the prominent prize winners: Mrs. Geo. Barron, Rye, N. Y., (Jas. Linane, Gr.); Mrs. John H. Flagler, Greenwich, Conn., (Wm. Whitton, Gr.); Mrs. Wm. G. Nichols, Rye, N. Y., (Geo. N. Sullivan, Gr.); Clement Moore, Hackensack, N. J., (J. P. Mossman, Gr.); Mrs. A. M. Booth, Great Neck, N. Y., (E. Fardel, Gr.).

Special awards were made to Harry A. Bunyard, New York; Miss Scheffler, Saugatuck, Conn.; Adolph Lewisohn, Ardsley, N. Y.; Wm. Shillaber, Essex Falls, N. J., and John Lewis Childs, Inc.

The judges were Charles H. Totty and Wm. Duckham, Madison, N. J.; Peter Duff, Orange, N. J.; Frank Traendly and A. T. Bunyard, New York; John Everitt, Glen Cove, N. Y.

A. F. F.

San Jose Sweet Pea Show.

The fact that large fields of sweet peas, growing for seed, are commonplace sights in the Santa Clara valley, does not seem to dampen the enthusiasm of flower-lovers of San Jose, Calif., for the sweet pea. The San Jose Chamber of Commerce put on a three-day show, commencing May 17. Although no prizes were offered, a large number of exhibitors participated and the daily

attendance was large. Aside from an exhibit of field-grown blooms, by the Braslan Seed Growers Company, all entries were made by amateurs, chief among which was Emile Ralston, who entered 27 varieties of the Spencer type, including most of the newly introduced sorts.

Baltimore's Retail Stores.

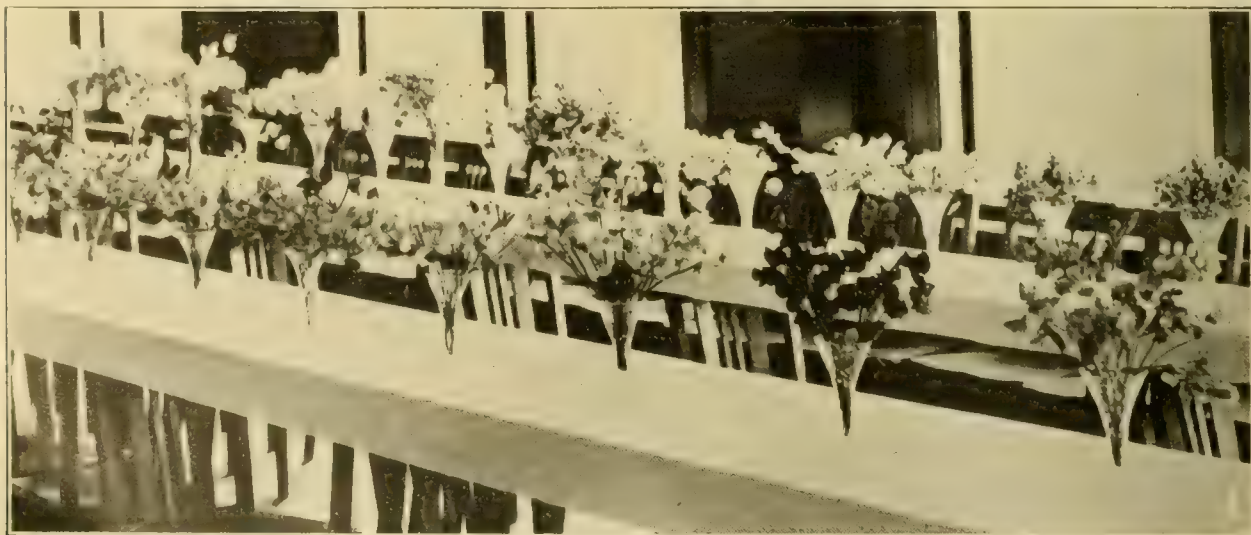
North Charles street is the center of the retail florists of this large city. Samuel Feast & Sons' store, at the corner of Pleasant street, adjoins that of Halliday Brothers, while a couple of doors below is E. A. Seidewitz, and next door, Wm. J. Halliday, while just across the street is the store of John Cook. A block further out is the Hamilton shop, and on the corner above, the handsome establishment of Pierce's House of Flowers.

With four auto delivery cars, one of them a large van for palms, etc., lined up at the curb, the Feast shop looked busy. Miss Hill, the manager, said they had had a splendid season. Their store was nicely decorated with peonies and other outside flowers. Halliday Brothers had their large window filled with spring flowers and daisies and the store interior was gay with daisies and peonies. They have sold their property at North avenue and Pulaski street and are building greenhouses at Monkton. They have enjoyed a good season.

E. A. Seidewitz has put in an immense plate glass window to replace one unfortunately broken by the wind a short time ago. A double pink larkspur raised by Mr. Seidewitz looks like a very good one, and think it is a fine color. His American shop on Liberty street should do well these patriotic days.

Wm. J. Halliday's attractive store and window was gay with peonies, which were just at their height. The season had been very satisfactory. John Cook's store, so ably managed by his two daughters, is a model of neatness. It enjoys a fine family trade. Things looked, as they were said to be, prosperous.

The Hamilton shop, 509 North Charles street, had a healthy wide-awake appearance, with nicely decorated window and interior.



SAN JOSE SWEET PEA SHOW.

Pierce's House of Flowers, 517 North Charles street, on the corner of Hamilton street, is a most pretentious place, a veritable flower palace, with very ample store and a large conservatory without any division in the rear. It is one of the most beautiful stores of the country. A large out of town as well as city trade keeps them busy. Mrs. Mary Johnson, 223 West Madison avenue, in the residence district, enjoys a large family trade. A new truck for decorative plants makes their fourth car, which gives an idea of the extent of the business. Robert L. Graham, 854 North avenue, has an active and busy place. His daughter is a most able assistant.

J. A. Ritter & Son, 1918 North Charles street, made a very good bid for business with their fine stock of flowers, which were very nicely arranged.

Chas. A. Fox, 1200 Bolton street, has in the greenhouse and rear garden, very useful adjuncts to the business, which Miss Fox, the manager, reports had been all they could handle. Mrs. Charles Held, 32 South Eutaw street, was very cheerful of the business doing. A nice stock of flowers was a feature.

There are quite a number of shops on West Baltimore street who do quite a business. J. J. Cummings, at 1131, has purchased the corner property next door but one; this is now coming down and a modern store will soon be erected, giving him greatly increased facilities.

Fiedler & Co., 902 South Charles street, makes a specialty of funeral work—things looked prosperous here. P. A. M. Eberhardt, 1129 Light street, reports business good, as does B. C. Fox, 743 Columbia avenue, where there was a good stock of plants and flowers.

Pennsylvania avenue has also its quota of trade. A lively funeral design business was under way with Edward Fauth at 1318, a blanket being a feature.

The establishment of Mrs. Schuler-Thomas is another of the cut-flower stores managed by women, of which there are quite a number in this city. She is at 316 West Saratoga street. She keeps busy most of the time. Parkway Flower Shop, North avenue and St. Paul street, is well pleased with this season's business, which is their first. George Smith, 1130 West North avenue, does a large jobbing trade. He has given up his houses at Roslyn and York road.

Thos. Vincent has two stores, 1822 North Charles street and 1514 West Lafayette avenue, where considerable business is carried on. They both held good stocks of flowers.

East Baltimore has a number of hustling shops. Edward Kress has a large cemetery trade, growing most of his own stock. He does quite a business in a wholesale way, supplying retail stores. Zimmerman & Shanes, 2123 East Monument street, have a large German trade; they carry a good line of cut flowers.

Although only about two years in business without any previous experience, Mrs. Buettner, 534 South Third street, sets her competitors a smart pace and is becoming quite a factor in her section. George Eberly of 2229 Fleet street, is rapidly building up a select trade, making a specialty of funeral work. He is wide awake and progressive.

The Lexington market is a very busy place on market days, particularly during the bedding season, when a number of florists from the suburbs bring in wagon and auto truck loads of plants, which are arranged on tables in the streets and sidewalks for a couple of squares around the entrance. George M. Cook, L. H. Klein, P. C. Erdman, P. H. Eberhardt, Henry Fischer, Harry Ekas, Conrad Hess and a number of others, whose names were not visible, made a show with their great variety of bedding plants and have no trouble to sell out at this season. It is one of the largest plant markets of its kind in the country.

Baltimore has four commission houses, some of which carry side lines of supplies. The S. S. Pennock-Meehan Co., with Manager Perry of the old Florists' Exchange, carries a very good stock of cut-flowers, together with supplies, baskets, frames, wire, foil and other necessary every-day needs. Mr. Perry said the season had been very satisfactory.

The Leo Niessen Co., on Center street, has a well fitted up establishment, with commodious cold storage facilities. A good variety of flowers were in stock. Manager McKissick was very well pleased with the season and said trade was growing rapidly.

The Baltimore Wholesale Cut-Flower Co. on Mulberry street, John Barker, president and manager, said they had had a fine trade with good prospects ahead. The firm had done well with peonies for the northern demand. Some good Russell roses were seen here.

The Baltimore Wholesale Florists Supply Co., 11 East Pleasant street, carries a stock of cut flowers as well. Manager Perry says things are going well with them, there being a good increase over last season's business.

K.

Washington, D. C.

BUSINESS CONTINUES SATISFACTORY.

This is the month of brides and the local shops are all about as busy as can be expected, not alone with wedding and reception orders, but every line seems to be active. Stock is plentiful and reasonably priced. Roses of all varieties are to be had and prices range from \$2 to \$8, the latter price being for the very best. Orchids have taken quite a drop and the latter part of last week they could be had for \$6 per dozen. Lily of the valley is quoted at \$4 and \$5. There are plenty of carnations and the quality is very good for this time of the year. Gladioli are getting better and cheaper in price each day and there is a good demand for them.

NOTES.

The committee in charge of the annual outing have made all arrangements and the event will be held at Great Falls, July 19. Everything from peanuts to ice cream will be served. Capt. Ernest will look after the gentlemen's needs.

Geo. Lavalle & Sons are about to add a large truck to their delivery service. This is badly needed as this is one of the most progressive concerns in this vicinity.

Judge Corrigan, the water lily specialist, is sending in some splendid flowers to the local trade, and is also making generous shipments to outside points.

Visitors: J. Cutler Ryerson, Newark, N. J.; Wm. McKissick, Baltimore. G. C. D.

OBITUARY.

Miss A. L. Wilson.

Miss A. L. Wilson, of the firm of Misses Wilson, florists, Montgomery, Ala., died at her home in that city, May 30. The deceased had been in failing health for several months, but death came very suddenly. For the past 30 years she enjoyed the reputation of being a very successful grower of bulbs. She is survived by one sister, Mrs. Thomas Rudolph, and a number of near relatives.

L. C. W.

Gottlieb Supper.

Gottlieb Supper, for the past 14 years connected with George C. Shaffer, Washington, D. C., in the capacity of store manager, died at his residence, The Hermitage, in that city, June 1, after an illness of 11 days. Although but 35 years of age, he was widely known to the trade, having spent nearly his entire life in the florist business and was held in high esteem by all who knew him. He is survived by his widow, his parents, a sister and a brother of Lakewood, N. J. The funeral was held at Walker's Chapel, Va., June 4, and was largely attended, every florist establishment in the vicinity being represented.

Many beautiful floral tributes were sent by friends. Some of the designs worthy of special mention were as follows: Large wreath of white carnations sprayed with orchids and Sunburst roses, from Florists' Club of Washington, D. C.; spray of Ophelia roses and orchids, from J. H. Small & Sons; large wreath of Marechal Neil roses, orchids and snapdragons from fellow employees at the Geo. C. Shaffer store; spray of White Killarney roses, orchids and Sunburst roses, from Mr. and Mrs. Geo. C. Shaffer; large wreath of red roses, from Albert Schnell; wreath of lilies and lily of the valley, from George H. Cooke; cluster of American Beauty roses, from Gude Bros. Co.; cluster of Ophelia roses and lilies, from O. A. C. Oehmler; cross of pink carnations and white roses, from G. C. Lavalle; wreath of Killarney roses, from J. Guttman; wreath of Maryland roses, from H. Jones of Philadelphia; wreath of lilies and peonies, from J. Schatzmeier, New Orleans. Other handsome pieces were sent by the Dupont Floral Co., Z. D. Blackstone, L. Hoover, Washington Floral Co., Marche & Co., Geo. Comley and J. Smith of Philadelphia.

BOONE, IA.—The Kemble-Smith Co. has been awarded the contract for landscaping the grounds of the Eastern Star home in this city.

BAR HARBOR, ME.—F. H. Moses has been forced to retire from business and has sold his flower shop on Main street to John H. Salford, who has already commenced improvements on the property.

BOSTON, MASS.—A novel feature of the preparedness parade May 27, was the floral float decorated by Penn. The Florist. Carnations of all colors were used and the effect was striking.

SAULT STE. MARIE, ONT.—Fire which started outside of the boiler house, fanned by a strong wind, destroyed three houses at the range of Otto H. Weber, May 24, entailing a loss of about \$4,000.

THE AMERICAN FLORIST

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Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE prices of insecticides have been advanced considerably this year.

CHAIRMAN ASMUS of the National Flower Show committee, will confer with the secretary and treasurer of the Society of American Florists at Buffalo, N. Y., this week and hopes to issue a report of the Philadelphia exhibition within the next two weeks.

Personal.

Joseph Heacock, of the Joseph Heacock Co., Wyncote, Pa., has been nominated for congress on the democratic ticket to represent the eighth Pennsylvania district.

J. D. Carmody, the veteran greenhouse builder, of Evansville, Ind., celebrated the eightieth anniversary of his birthday last month.

P. J. Lynch, of New Castle, Ind., is in Chicago this week as a delegate to the republican convention.

Mountain Laurel National Flower?

Under recent date, Wm. F. Gude, Washington representative of the Society of American Florists, writes as follows:

"In reference to a joint resolution introduced in Congress, June 1, making the mountain laurel a national flower of the United States, will this be agreeable to the S. A. F., or had we not better have a say in it? The bill was introduced by Congressman Stephens, of Tennessee. Personally, I do not care to say anything for or against it, until I hear an expression from the national society."

Telegraph Orders and Remittances.

Under new arrangements made by the Western Union Telegraph Co. one can now telegraph an order with the money to cover it in the same money transfer message. Heretofore, when money was sent by telegraph, any orders or instructions relating to the remittance had to be sent in a separate message. Now, money transfers by Western Union between points in the United States may include information concerning the purpose for which money is sent. All that is necessary is to incorporate the order in the application for the transfer at the local Western Union office and the order will be transmitted with the money. Where goods are specified by code words in the catalogue the code words may be used. The Western Union manager will give full particulars.

France Prohibits Plant Importation.

Following the example of Great Britain, as per order of council announced in THE AMERICAN FLORIST, issue of June 3, page 1040, the Journal Officiel of Paris has published two government decrees, prohibiting the importation into France of plants and shrubs from greenhouses and nurseries, a list of 21 being given, including azaleas, begonias, camellias, orchids and palms.

At the Ministry of Commerce it was stated that France had merely followed the example set by Great Britain and that Great Britain had recommended such a measure to her ally, although the chief object of prohibition, as regards Great Britain, was to reduce freight tariffs, while France's object was to improve exchange, to aid the franc to regain its normal value. The government regrets a step which must be a blow to trade with Great Britain, but feels obliged to have recourse to this measure, which, in a secondary degree, will reduce freight tariffs for France also.

"The measure is in no way retaliatory or due to motives of protection," it was said. "It was taken because the matter was urgent, and it by no means follows that it will be enforced, even during the whole time the war may last."

School Gardens in British Columbia.

The British Columbia provincial government has decided to make certain special grants for the improvement of school grounds and farm education conditional upon the expenditure of equal amounts by the respective school boards. The grants are not for such essential preliminary work as logging, stumping, rough grading, and fencing, but for draining and fine grading pre-

paratory to seeding and planting the grounds. They may be used in purchasing grass seed, flower seeds and plants, ornamental shrubs, vines and trees; for top-dressing and fertilizing lawns, for flower borders or shrubbery, and for irrigation if necessary. The teachers and pupils are expected to co-operate with the school boards in connection with the planting and care of the grounds.

Teachers have been requested to discuss the work with their respective school boards, to obtain accurate information as to the sizes of gardens, arrangement of plats, division of classes for vegetable growing, plats set apart for flowers, large plats set apart for agricultural experiments in field crops, root or fodder crops for boys only, growing fruit trees and shrubs, and fencing and building. With this information the secretary of the school board makes application to the director of elementary agricultural education for such assistance as the department offers.

A one-room school with an average of 15 or more in attendance and each room of a graded school must have a garden of not less than 2,500 square feet. With an average attendance of less than 15 a plat of 1,500 square feet will suffice. Most of the plats are larger than required. Teachers and school boards are held responsible for the purchase of all seeds, fertilizers, tools, etc. The cost of a set of garden tools will average about \$1 a pupil. In graded schools, one set of tools for a complete class may be used by several classes of the same school.

Semi-annual reports are required in duplicate, one filed by the teacher and the other sent to the inspector. Bonus grants are based upon these reports. First-year grants are larger than subsequent or maintenance grants. First-year grants to school boards are: Ungraded school, average attendance less than 15, \$30; ungraded school, average attendance 15 or more, \$50; for each additional room in a graded school taking gardening, \$10.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

New Orleans, La., June 11, 2 p. m.—Gardeners' Mutual Protective Association, 114 Exchange Pl. John Farr, secretary, 4539 North Rampart St., New Orleans.

Cincinnati, O., June 12, 8 p. m.—Cincinnati Florists' Society, Hotel Gibson. Alex Ostendarp, secretary, 24 East Third St., Cincinnati.

New York, June 12, 7:30 p. m.—New York Florists' Club, Grand Opera House Bldg., Twenty-third St. and Eighth Ave. John Young, secretary, 53 W. 28th St., New York.

Rochester, N. Y., June 12, 8 p. m.—Rochester Florists' Association, 95 East Main St. H. B. Stringer, secretary, 47 Stone St., Rochester.

Lenox, Mass., June 13, 7:30 p. m.—Lenox Horticultural Society, Town hall. Lewis Barnett, secretary, care of Allen Winden, Lenox.

Holyoke, Mass., June 13, 7:30 p. m.—Holyoke and Northampton Florists' and Gardeners' Club. James Whitling, secretary, French Hall, M. A. C., Amherst, Mass.

Newport, R. I., June 13, 8 p. m.—Newport Horticultural Society, Music hall, Thames St. William Gray, secretary, Bellevue Ave., Newport.

Seattle, Wash., June 13, 8 p. m.—Seattle Florists' Club, Henry Bldg. Thos. Wylie, secretary, Holly St., Seattle.

Chicago, June 14, 8:15 p. m.—Gardeners and Florists' Union No. 10615, 232 North Clark St. Louis Heidtman, secretary, 3641 North Albany Ave., Chicago.

Madison, N. J., June 14, 8 p. m.—Morris County Gardeners and Florists' Society. Edward Reagan, secretary, Morristown, N. J.

Poughkeepsie, N. Y., June 14, 8 p. m.—Dutchess County Horticultural Society, Fall-kill Bldg., corner Main and Washington Sts. Theo H. De Groff, secretary, Hyde Park, N. Y.

Newark, N. J., June 15, 8 p. m.—Essex County Florists' Club. Kreuger Auditorium, Belmont and Springfield Aves. Edward Jacob, secretary, 100 W. Clinton Ave., Irvington, N. J.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young man: all around florist, understands landscape work, store, designing, selling active and dependable.
 G. P. JOSEPHSON,
 Canton, N. Y.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address
 Key 637, care American Florist.

Situation Wanted—At salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
 Key 643, care American Florist.

Situation Wanted—Landscape architect and landscape gardener: is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address
 Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address
 Key 622, care American Florist.

Help Wanted—A good rose grower and one assistant: state wages wanted. Address
 Key 634, care American Florist.

Help Wanted—Rose growers and helpers. Steady job at good wages. Apply
 BASSETT & WASHBURN, Hinsdale, Ill.

Help Wanted—Young men to work in greenhouses as helpers. Apply
 POEHLMANN BROS. COMPANY,
 Morton Grove, Ill.

Help Wanted—Two Beauty growers and section men and four greenhouse helpers. Apply
 POEHLMANN BROS. COMPANY,
 Morton Grove, Ill.

Help Wanted—A working foreman, capable of taking charge of a place of 200,000 sq. ft. of glass growing stock for own retail store. Address
 Key 642, care American Florist.

Help Wanted—Men to sell our guaranteed trees and plants. Highest commissions paid each week; no delivering or collecting.
 THE REMINGTON-WELCH CO. Geneva, N. Y.

Help Wanted—Experienced greenhouse night man. One who understands firing, potting and other greenhouse work. Married man preferred. Must be sober and industrious. Can begin at day work at once. Wages, \$60 per month.
 RIDGE LAWN GREENHOUSES,
 Pine Ridge, Buffalo, N. Y.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address
 Key 631, care American Florist.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address
 A. HANSON, 2615 F Street, Vancouver, Wash.

Wanted to Rent—About 15,000 or 20,000 feet of glass suitable for carnations, near Chicago with option to buy. Address
 Key 636, care of American Florist.

Warehouseman Wanted

Experienced man for seed warehouse. One who understands receiving, cleaning and storing seeds, bulbs, etc.
 Write stating experience.

Henry A. Dreer, Philadelphia, Pa.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address
 Key 627, care American Florist.

Flower Store Opportunity.

There is an excellent location vacant for flower store at 2054 North Clark St. near Garfield Ave. and big new hotel. Full particulars on application to

THALER BROTHERS,
 2036-2042 North Clark St., Chicago.
 Telephone—Lincoln 1061.

Greenhouse Location Wanted.

Advertiser desires location for greenhouse and general florist's business preferably between the Alleghenies and the Rockies, avoiding the extreme north and south. Business opportunity is the first consideration, with desirability as a place to live almost as important. Either a place of say 4,000 or more people, where there is no greenhouse and a good outlook, or of say 8,000 or more, where there is room for another. Address
 Key 640, care American Florist.

FOR SALE

Oldest established greenhouse and florist business in thriving western city. Owner has other business interests and cannot devote necessary time to it. This is a splendid opportunity that it will pay you to investigate. For further particulars address
 Key 638, care American Florist.

Foreman Wanted

General all around man
 for place in middle west.

Key X, care American Florist.

Wanted to Lease

With option to buy, 15,000 to 20,000 feet of glass near Chicago, suitable for carnations. Answer quick.

Key 641, care American Florist.

For Sale Cheap

on account of death of the proprietor, 4½ acres of land, 3 greenhouses, all stocked, 1 fine large dwelling house, 2 cows, 1 horse, wagon and implements, in very valuable location, near Philadelphia. Price, \$22,000.00. Some cash required, balance first mortgage. Apply to

F. J. MICHELL,
 518 Market St., PHILADELPHIA, PA.

OFFICIAL S. A. F. Shipping Labels



Actual size of leaf 2½x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO.

DEMAND STILL BRISK

—FOR ALL—

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

Advertise Them Now. The Season Is LATE.

THE AMERICAN FLORIST,

440 S. Dearborn St.,

CHICAGO

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Palms, Ferns, Aspidistras, Rubbers, Bay Trees, Etc. Also Bedding Plants and Potted Plants.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Oklahoma City.

BUSINESS MORE THAN SATISFACTORY.

With the graduation exercises at the high school, a few early June weddings, and Memorial day, business has been more than sufficiently good of late. Memorial day certainly made a record this year. Without a doubt, the increased efforts of the Fairlawn Cemetery Association to perfect the landscape work of the cemetery, has given an added impetus to lot owners in the silent city, for never before was there so much planting of flowers done, nor so many cut flowers used. Speaking of the business of that day, Mrs. Eager, of Furrow & Co., said: "We had a wonderful day—did a far bigger trade than ever before." Geo. Stiles, of the Stiles Co., said: "The increase in our business was very considerable."

For the first time in the history of this city, magnolias are in blossom, and the trees are thriving. It has always been held that magnolias could not be grown successfully here; now that theory, like the rose theory that has held so long, is exploded.

Miss Goldstein, stenographer at the Stiles Co.'s store, is back at her desk again after a severe illness of several weeks, and during which period she was a patient in St. Anthony's hospital.

Peddlers, with horse and wagon, selling pot plants are getting to be a regular feature with us; and on one day recently, even boys were seen selling cut flowers on the street corners.

S. S. B.

Kansas City, Mo.

MEMORIAL DAY TRADE RECORD BREAKER.

Without exception, all reports indicate a record breaking Memorial day trade. The weather was ideal, money appeared to be plentiful, there was plenty of good stock and prices were reasonable.

NOTES.

Hail which fell here June 2, did considerable damage to glass and outside plants and vegetables. The Bunker Hill Greenhouses and Wm. Foith lost 300 lights and 250 lights respectively. The Martin Greenhouses at Shawnee, Kan., lost 500 lights.

W. L. Rock Flower Co. reports an exceptionally large increase in the shipping business especially. Splendid pink spireas were a feature but a large supply of both cut stock and pot plants were in evidence.

The Alpha Floral Co. reports that the Memorial day trade this year, both local and out-of-town reached the high water mark. This firm sold out completely and were out trying to locate more stock.

W. J. Barnes sold every flower and blooming plant in his establishment. He reports that any one day, Sunday, Monday or Tuesday, was equal to the entire Memorial day trade of a year ago.

The volume of business at Samuel Murray's attractive store established a new record. A wonderful display of wreaths was seen here—some of the finest ever seen in this city.

LATEST EDITION

ISSUED JULY 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns Parks, Cemeteries, Landscape Architects. Experiment Station Horticulturists, Botanical Gardens Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

T. J. Noll & Co. had a heavy shipping trade. At present some of the finest Colorado grown carnations ever seen in this market are to be seen at this establishment.

The Geo. M. Kellogg Flower & Plant Co. reports the largest Memorial day trade in the history of the firm. A big supply of peonies was a feature here.

H. Kusik & Co. had no trouble in disposing of 50,000 peonies for Memorial day in addition to large numbers of roses, carnations and gladioli.

Reinhardt & Son, of Shawnee, Kan., cut their stock to the last flower and found ready sale for all of it.

Arthur Newell's books show an increase of 40 per cent over the Memorial day trade of 1915.

Chas. Biederman & Son disposed of everything saleable in both cut flowers and pot plants.

A. F. Barbe had his usual immense cemetery business and sold out early.

Miss J. E. Murray featured wreaths and sold out completely.

E. J. B.

Get Them from Vaughan's
and Get Them Good

FOR FORCING
Imported Bulbs
French
Japanese
Dutch

as well as

Bermuda and California Stocks

Bought and Inspected
by Our Own Traveler

Offered by Us at Rates and Terms
to meet any competition

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

Write us for
News of Latest
Foreign
Conditions

CHICAGO

VAUGHAN'S SEED STORE, NEW YORK

THIS WEEK

WE HAVE SOME NEW
SUGGESTIONS IN THE
LINE OF BIG BARGAINS.

Good Short Roses, - - \$15.00 per thousand.
First-Class Carnations, - 15.00 per thousand.
Also Large Supply of HOME-GROWN PEONIES.

Large Quantity of ROSES, All Varieties, Long
and Medium for Weddings and Graduations.

CURRENT PRICE LIST—In Effect June 8th

AMERICAN BEAUTIES. Per doz.
Long\$3.00
30 inches2.50
24 inches2.00
18 to 20 inches long.....1.50
Short, per 100, \$4.00, \$6.00, and \$8.00.

**OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,
WHITE KILLARNEY, WARD.** Per 100
Long\$8.00 to \$10.00
Medium6.00
Short2.00 to 4.00

MRS. CHAS. RUSSELL. Per doz.
36 inches long.....\$2.50
30 inches long.....2.00
24 inches long.....1.50
18 to 20 inches long.....1.00
Shortper 100, \$4.00, \$6.00, and \$8.00.

CECILE BRUNNER OR SWEETHEART ROSE.
Per 100\$2.00

CARNATIONS. Per 100
Fancy\$3.00
Medium2.00
Short\$1.00 to 1.50

CATTLEYASper doz., 6.00 to 7.50
CAPE JASMINEper 100, \$2.00 to 3.00
VALLEY, \$3.00, \$4.00, \$5.00 per 100.

PEONIES. Per 100
Fancy pink and white.....\$4.00 to \$8.00

MISCELLANEOUS CUT FLOWERS. Per 100
Sweet peas (common).....\$0.50 to \$ 0.75
Sweet peas (Spencer).....1.00 to 1.50
Lilies10.00 to 12.00
Snapdragonsper doz., 1.00
Daisies1.00 to 1.50
Mignonette4.00 to 6.00
Pansies.....per doz. bunches 1.00

MISCELLANEOUS GREEN GOODS.
Mexican Ivy\$0.75
Smilaxdoz., 2.50
Sprengerl and Asparagus Sprays... 2.00 to 3.00
Leucothoe75
Adiantum1.00 to 1.50
Galax (bronze and green)...per 1,000 1.50
Eastern flat ferns.....per 1,000 3.50 to 4.00

Commencement and Wedding Accessories

It has been our good fortune to get several cases of these French baskets which we are offering at the following prices, subject to being unsold:

No. 1—17 inches high, \$0.35
No. 2—22 inches high, .50
No. 3—26 inches high, .75

No. 4—30 inches high, \$1.00
No. 5—36 inches high, 1.50
No. 6—40 inches high, 2.00

Bridal Scarfs

Pink and White90c each

Bridal Chiffon

Beautiful, 8.inch, per yard.....25c

Shower Ribbon Gauze

Per bolt of 10 yards18c per bolt

DIRECTOIRES' STAFFS-SHEPHERD CROOKS

BRIDAL MUFFS, ETC.

Sheet Moss, Fine Fresh Material, per bag, \$2.

POEHLMAN

72-74 E. Randolph St.,



Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS.

Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.
Leaves Doz.

4 inch pots	5-6	16-18 inch high	\$ 4.50
4 inch pots	5-6	16-18 inch high	Each
6 inch pots	6-7	24 inch high	\$ 1.40
6 inch pots	6-7	28-30 inch high	1.00
6 inch pots	6-7	32-34 inch high	2.00
8 inch tubs	6-7	36-38 inch high	3.50

FOSTERIANA SINGLE PLANTS

4 inch pots	5-6	18-20 inch high	\$ 4.50
4 inch pots	5-6	18-20 in. high, ea.	40

	Leaves		Each
6 inch pots	6	28-30 inch high....	\$ 1.00
6 inch pots	6-7	34-36 inch high....	1.50
10 inch tubs	6-7	5½ feet high....	8.00
10 inch tubs	6-7	5½-6 feet high....	10.00

FOSTERIANA MADE-UP PLANTS

Plants			Each
8 inch tubs	4	38-42 inch high	\$ 3.50
8 inch tubs	4	48-50 inch high	5.00
8 inch tubs	4	52-54 inch high	6.00
10 inch tubs	4	5 feet high	8.00
12 inch tubs	4	60-64 inch high	10.00
12 inch tubs	4	5½ feet high	12.00
12 inch tubs	4	5½-6 feet high	15.00
15 inch tubs	4	6-6½ feet high	\$18@20
Specimens, heavy,			\$35.00, \$40.00.

Specimens, heavy, \$35.00, \$40.00.

Kentias

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50
Inch Spread	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots	Dracena Godseffiana	\$8.00 per 100.	Each
Dracena Lindenii	6-in.	\$1.25	Each
6 inch pots	Dracena Massangeana	\$1.25	7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants	\$1.00
8 inch pots, 5 plants, 44 in. high	4.00
LIVISTONA ROTUNDIFOLIA	
4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

2½-inch Grafted and Own Root Rose Plants.

	Grafted	Own Root		Grafted	Own Root		Grafted	Own Root
	1000	1000		1000	1000		1000	1000
Russell	\$120.00	None	Milady	\$100.00		Cecile Brunner	\$100.00	\$56.70
Killarney	\$56.70		Ward	100.00	56.70	Elgar (Special Only)	100.00	
White Killarney	100.00	56.70	Richmond	100.00	56.70	Francis Scott Key	110.00	63.00
Killarney Brilliant	100.00	56.70						

American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

SPRING BEDDING PLANTS

	100	1000		100	1000		100	1000
Achyrantes Brilliantissima, 2½ in.	\$ 2.50		Dusty Miller, for border, 2½ in.	2.50	23.00	Primula Malacoides, 2½ in.	3.50	
Achyrantes Lindenii, 2½ in.	2.50		German or Parlor Ivy, 2½ in.	2.50		Primula Sinensis, 2½ in.	3.50	
Asparagus Sprengeri, 2½ in.	2.50		3 in.	5.00		Salvia Bonfire and Zurich, from cuttings, 2½ in.	2.50	
Begonia Luminosa and Vernon, for bedding, 2½ in.	2.50		Fuchsias—5c and 12c each.			3 in.	5.00	
3 in.	5.00		Hydrangeas—50c, 75c, \$1.00, \$1.50, \$2.00 each; larger specimen, \$3.50 to \$5.00 each.			4 in.	8.00	
4 in.	8.00		Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.	2.50	22.00	Smilax, strong new stock, 2½ in.	2.50	23.00
Begonia Chatelaine, 2½ in.	3.50		Marigold, Double, 3 in. pots	5.00		3 in.	6.00	50.00
3 in.	8.00		4 in. pots	8.00		Table Ferns, 2½ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in., \$10.00 per 100.		
4 in.	15.00		Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.			Torenia Fournieri, Blue, 2½ in. pots	2.50	
Caladiums, fancy leaved, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.			Petunia, single fringed, all colors, 3 in.	5.00		3 in. pots	5.00	
Calceolarias—35c and 50c each.			4 in.	8.00		Vinca, variegated and green, for boxes and vases, 2½ in.	2.50	23.00
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot; 6-inch pots 75c and \$1 each.			Primulas Grandiflora and Giant-tea strain, only the choicest varieties, summer delivery, 2½ in.	3.00		4 in.	\$12.00 to 15.00	
Crotons—4-inch, \$4.80 per doz.; 5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.			Primula Obconica, 2½ in.	\$ 3.50		Verbenas, all colors, 2½ in.	2.50	23.00
Cyclamen—3 inch, \$8.00 per 100.						Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots	2.50	
Seedlings, \$40.00 per 1,000.								

CHRYSANTHEMUMS

	PINK—	Rooted Cuttings	2½-in. plants
		100	1000
McNiece	\$2.50	\$22.00	\$2.75
Enguehard	2.50	22.00	2.75
Maud Dean	2.50	22.00	2.75
R. E. Loeben	2.50	22.00	2.75
Patty	2.50	22.00	2.75
Wells Late Pink	2.50	22.00	2.75
Chieftain	2.50	22.00	2.75
WHITE—			
October Frost	\$2.50	\$18.00	\$2.75
Vir. Poehlmann	2.50	18.00	2.75
Chas. Razer	2.50	18.00	2.75
Elise Papworth	2.50	18.00	2.75
W. H. Chadwick	2.50	18.00	2.75
Timothy Eaton	2.50	18.00	2.75
Lynwood Hall	2.50	18.00	2.75
Smith's Ideal	2.00	18.00	2.75
Alce Salomon	2.00	18.00	2.75
White Chieftain	4.00	38.00	5.00

CHRYSANTHEMUMS

	Rooted Cuttings	2½-in. plants
	100	1000
BRONZE—		
O. H. Kahn	2.00	18.00
RED—		
Schrimpton	2.00	18.00
YELLOW—		
Golden Glow	\$2.00	\$18.00
Chrysolora	2.00	18.00
Yellow Eaton	2.00	18.00
Yellow Salomon	2.00	18.00

POMPONS

	WHITE—	2½-in. plants
		100
Kemmitt (medium double)	\$3.50	\$32.00
BRONZE—		
Madam La Porte	\$3.50	\$32.00
Mrs. Frank Beu	3.50	32.00
RED—		
La Gravere	\$3.50	\$32.00

POMPONS

	2½-in. plants
	100
YELLOW—	
Krut (large early)	\$3.50
Mike Gabel (large)	3.50
Skibo (early bronze & yell. button)	3.50
Big Baby (button)	3.50
Madge (large)	3.50
Klondyke (large)	3.50
Quinola (bright late yellow)	3.50
Baby (small button)	3.50
PINK—	
Lillian Doty	\$3.50
Queen Marie	3.50

BOXWOODS

	Each
12-in. in burlap	\$0.30
15-in. in burlap	.40
18-in. in burlap	.50

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

YELLOW ROSES

We have a large stock.

Prices per 100: Short, \$4.00; Medium, \$6.00; Long, \$8.00.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stem.....		\$3.00
Extra long stems, seconds.....	\$1.00 to	1.50
Medium stems.....	1.50 to	2.00
Shorter lengths.....	.50 to	.75

Sunburst		Per 100
Extra long		\$8.00
Medium.....	\$6.00 to	7.00
Short		4.00

**Rhea Reid--Ophelia--Richmond--Shawyer
White and Pink Killarney--Killarney Brilliant**

Long.....	per 100,	\$6.00 to \$8.00
Medium.....	"	4.00 to 5.00
Short	"	3.00

Mrs. Chas. Russell.		Per 100
Extra long.....	\$10.00 to	\$12.00
Medium		8.00
Short.....	4.00 to	5.00

Cecile Brunner.....per bunch, 25c to 50c

Carnations		Per 100
Red, White and Pink extra fancy.....	\$2.00 to	\$3.00

LILY OF THE VALLEY..... \$5.00

ORCHID-FLOWERING SWEET PEAS\$.75 to 1.50

ASPARAGUS SPRAYS and SPRENGERI.. 3.00

FERNs, new.....per 1000, \$2.00 to \$3.00

ADIANTUM..... 1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$25.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN,

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK OF ALL KINDS IS VERY PLENTIFUL.

Stock of all kinds is very plentiful at this writing and while trade has been fairly good, it has been nothing to speak of although in some instances the wholesalers report the sales for the first five days in June considerably ahead of last year. The preparedness parade, June 3, put quite a crimp in business and trade was so quiet after 9 a. m. that practically all the stores closed at noon. There was no express service on that day either, so all the out-going shipments had to be sent direct to the depots by special messengers or held over until the next day. Roses of all kinds are very plentiful with the possible exception of American Beauty which seems to clean up well each day. Included in the receipts are large quantities of exceptionally fine Mrs. Chas. Russell, Rhea Reid, Hadley, Richmond, Milady, Hoosier Beauty, Killarney, White Killarney, Killarney Brilliant, Double White Killarney, My Maryland, Mrs. George Shawyer, Prince de Bulgaria, Sunburst, Mrs. Aaron Ward, Ophelia, Mrs. Moorfield Storey, Lady Alice Stanley, Francis Scott Key, Fireflame, Cecile Brunner, Elgar and Baby Doll. Carnations are also in large supply but are having a fairly good call. Peonies are seen in large quantities at all the stores and there is now quite a number of local grown flowers arriving. Sweet peas are to be had in large quantities and are moving well especially in the better grades. Some exceptionally fine lilies are being offered and a few callas are seen at some of the stores. Lily of the valley and orchids continue to clean up nicely each day but the supply of the latter is steadily increasing. Cape Jasmynes were never so plentiful or of such good qual-

ity as they are this year. Gladioli are among the offerings and at times sell well. Some very fine candytuft in white, pink and several other colors is attracting the attention of the buyers and daisies seem to be having a good call considering the general market conditions. Snapdragons, irises, feverfews, larkspurs, swainsonas, Double White narcissi, daffodils, pansies, violets, poppies, tulips, statice, mignonettes, cornflowers, calendulas, honeysuckles and a long list of other indoor and outdoor miscellaneous stock gives the buyer a large variety to select from and a chance to make dandy window displays of odds and ends at a very reasonable cost. The retail florists have been quite busy with wedding orders, school closings and funeral work, but outside of that, business has been rather quiet.

NOTES.

The preparedness parade held in this city, June 3, was the largest in American history in point of numbers participating in a single day. Over 130,000 people marched and the parade was second only to the largest civil parade in Europe in the last 30 years when the home rule opposition procession consisting of 150,000 men was held in Belfast, Ireland, April 9, 1912. Among the marchers in line noticed in the preparedness parade, were Peter Reinberg, well known wholesale florist, Henry Zender, Geo. Walther, H. Nichols, and Dwight L. Harris, of the Pulverized Manure Company. Business in the loop was at a standstill so the wholesale stores closed at noon. About 50,000 of the marchers wore flowers, mostly carnations, roses, peonies and calendulas.

Mike Juracek, who is employed in the wire working department of Winterson's seed store, was rather down-

hearted all last week because his home at 1341 Scoville avenue, in Oak Park, was destroyed by fire Sunday, May 28, but when he came down to work on Monday of this week he was happy as a lark because a 13-pound baby girl arrived at his home just a week later, Sunday, June 4. Mike treated all his friends to a good smoke and is so happy over the addition to his family that he has completely forgotten all about his loss the previous Sunday.

W. W. Randall and wife are back from a month's stay at St. Joseph, Mich., where Mrs. Randall took the Whitcomb hotel baths for inflammatory rheumatism, which has been troubling her a good deal of late. Mr. Randall acted as nurse and proved to be such a good attendant that she is feeling considerably better and recommends the baths as a good cure for anyone who is suffering with the same trouble.

The Batavia Greenhouse Company is cutting a heavy supply of home grown peonies and has already disposed of all the Early Reds, which averaged 50 cents per bunch. Ole Johnson, who has charge of the city salesrooms, says that if he could average two cents on the later varieties he would be more than satisfied, for he would coin money at that figure.

Philip L. McKee, of the American Greenhouse Manufacturing Company, and wife, have returned from a delightful visit at Lincoln, where his firm is erecting a new range of houses for Gullett & Sons. Mr. McKee's trip evidently agreed with him, for he brought back a healthy looking coat of tan.

J. Mohrle has taken a position as manager of Pyfer & Olsem's retail store at Wilmette.

Chas. London, George Weiland's right hand store man, has taken unto himself a wife.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY SUPPLY

Fancy Roses and Carnations

For June Weddings and School Closings, so send your orders direct to us.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....	Extra select	Per 100
Killarney.....		
White Killarney.....		
My Maryland.....		
Sunburst.....		
Ophelia.....	Select	6.00
Milady.....	Medium	5.00
	Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100
Roses, our selection.....	\$ 3.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisii	10.00 to 12.50
Peonies	4.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$4.00

2,000,000 Feet of Modern Glass

A. L. Vaughan & Co. are handling a large quantity of fancy peonies in addition to their regular line of stock. This firm does not store any peonies and believe that best results can be obtained by supplying their customers with the stock just as it reaches the store and the fact that no complaints have been received so far this season leads them to believe that this is the best and only course to pursue.

Joseph Ziska, Sr., is building a new garage, 59x125 feet, at Twelfth street and Lyman avenue, in Oak Park, which will easily house 40 cars. Mr. Ziska, who is a member of the firm of Joseph Ziska & Sons, decided to build about a week ago and five days after ground was broken and work started on the new structure.

The A. L. Randall Co. has broadened its charter, which embraces all the lines it is now handling and manufacturing. Manager Frank Johnson says that the first charter issued 12 years ago only covered cut flowers and florists' supplies.

Sam Y. Bloom, 822 East Sixty-third street, and Miss Alta Levy will be married June 18. A reception will be held at the Ashland Club House, to which no cards will be issued but all his friends in the trade are cordially invited to attend.

Fred. Schramm, well known carnation grower at Park Ridge, grows peonies as a side line and will make his first cuts this week. He consigns his entire output to the Chicago Flower Growers' Association, of which he is a member.

Miss Virginia Poehlmann, daughter of Mr. and Mrs. August Poehlmann, graduated this week from the University School for Girls, at 1106 Lake Shore drive.

Hoerber Bros. are in good crop with roses, particularly My Maryland, which

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Wedding AND Commencement Cut Flowers

Absolutely essential stock to the Live-Wire
Florist doing an up-to-the-minute business.

Chicago's Largest Dealers in Decorative Greens

are bringing very satisfactory prices considering the general market conditions.

Mrs. Horton, of the Bassett & Washburn office force, left this week for a month's visit at Los Angeles, San Diego and San Francisco, Calif.

Leonard Koehler, one of Kyle & Foerster's obliging young salesmen, is

the proud father of a baby girl, who arrived last Friday, June 2.

E. C. Pruner, one of Poehlmann Bros. Co.'s efficient salesmen, started out this week after a new batch of orders.

Mrs. J. A. Budlong is spending the summer at her cottage at Lake Geneva, Wis.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Send Us Your Cut Flower Orders for Weddings and Commencements and You Will Not Be Disappointed.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch

ROSES, OUR SELECTION \$3.00

CARNATIONS.

	Per 100
Fancy	\$2.00
Good	\$1.00 to \$1.50

LILIES.

	Per 100
Fancy	\$10.00 to \$12.50

Miscellaneous.

Peonies	\$5.00 to \$8.00
Ferns, per 1,000	4.00
Smilax, per doz.	2.50
Adiantum	1.00
Sprenger, per bunch	.50
Asparagus Sprays, bunch	.50
Other Green Goods Market Rates.	

Window boxes have been installed this week on the entire block occupied by Marshall Field & Co., Retail, probably the largest single job of the kind ever done in this city. Henry Wittbold had charge of it, and the work was done at night. The plants were supplied by Vaughan's Greenhouses.

N. J. Wietor and John Sinner are still resisting the call of the wild, but are liable to take to the northern Wisconsin lakes at any moment, where the fishing is always good for the Pikers' club, if Frank Kneipp reminds them much more of the big catch they made on their last trip.

George Walther and all the rest of the retail florists in Englewood are true Americans and believe in preparedness to such an extent that they closed their establishments on June 3 so that they could participate in the big parade which was witnessed by nearly a million people.

Frank Benthley, who has charge of all the stock that is shipped from the Benthley greenhouse at New Castle, Ind., to Kennicott Bros. Co.'s store, is supplying his customers with a choice grade of Mrs. George Shawyer roses, which are none too plentiful in this market at present.

Chas. W. McKellar is feeling much better, and has visited his store a couple of times the past week, but has not done any actual work yet. Frank Ayres is taking care of things in fine shape, and business is going along as though Mr. McKellar was personally on the job.

J. A. Budlong is cutting a good supply of the rose Mrs. William Randolph Hearst, which is being grown at the Budlong range for the first time this season. A good supply of Francis Scott Key and Lady Alice Stanley roses are now included in the daily receipts.

C. L. Washburn reports that Bassett & Washburn are having a good demand for yellow roses, which they are cutting in quantity, and are cleaning up as nicely as can be expected, considering the large supply of stock now being offered in this market.

At Zech & Mann's store the receipts of sweet peas and Mrs. Chas. Russell roses continue to be very heavy and will be for some time to come, according to Allie Zech, who visited their growers last week and found everything in splendid condition.

Frank Kral will move into his new store at 1903 South Halsted street, which he bought last week, and is



Always Get Them Here.

Corsage Shields

"BLOWDEN" \$2.00 per dozen—
\$20.00 per gross.

Corsage Ribbons

All leading shades. No. 7—70c per bolt;
No. 9—90c per bolt.

No. 2 Gauze

All Colors. Just what You Need. 22c per bolt.

Choice Cut Flowers

Large supply of Roses, Carnations, Calendulas, Sweet Peas, Lilies, Snapdragons, Mignonette, Callas, Baby Gladioli.

PEONIES—GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

right next door to his present stand. He has remodeled the building and has one of the best fronts in the neighborhood.

Weiland & Risch grow a great variety of stock and are featuring a good supply of miscellaneous flowers, including choice candytuft and gladioli, in addition to their usual complete line of roses and carnations.

Frank McCabe, of the A. L. Randall Co., is back from a southern trip and reports conditions in the trade as much improved, with nearly everyone making preparations to attend the Houston convention.

O. A. and L. A. Tonner are handling quite a supply of local peonies from the Tonner farm and other nearby growers, which gives them an extra lot of stock to supply their trade with.

R. A. Goldsbrough, with Cole Brothers, Peoria, was a visitor this week. He was recently discharged from the hospital and expects to go back to work in about another week.

W. J. Keimel and wife are planning on attending the S. A. F. convention in Houston, Texas, next August and will leave the rest of the family with relatives in Arkansas while there.

Wm. Wienhoeber says that the Ernest Wienhoeber Floral Co. has been so busy with receptions, weddings and other work that the force has not had time to think of vacations.

Wilbur Gullett and wife of Lincoln were in the city June 5 on a combined business and pleasure trip. Ed. Gullett is attending the progressive convention here this week.

George Wienhoeber had a special window display for preparedness day, June 3, in which a large electric American flag in colors played a prominent part.

Wm. Reid, with the W. W. Barnard Co., started out this week on another business trip after helping out the store force during the heaviest rush.

Miss Josie Then is recovering from a successful operation performed Tuesday, June 6, at the German hospital on Grant place.

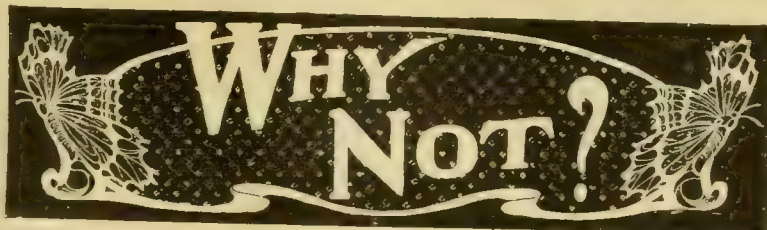
The John Kruchten Co. is handling a large quantity of lilies which are in good demand, owing to their splendid quality.

Erne & Klingel are strong on peonies as well as all other seasonable stock, and are enjoying a splendid shipping trade.

M. C. Gunterberg is showing an unusually good grade of peonies, for which she reports a brisk demand.

The Chicago Florists' Club will meet at the Hotel Morrison, next Thursday, June 8, at 8 p. m.

Rosin & Turner, Mosinee, Wis., have started shipping new ferns to this market.



Order Your Wedding and Commencement Cut Flowers From Us.

Special attention is always given to every order that we receive which guarantees the buyer the best possible service in regard to quality, packing, price, etc.

Current Price List

Subject to Change Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	3.00 to 4.00
White Killarney, fancy.....	8.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	3.00 to 4.00
Roses, our selection.....	3.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white.....	\$3.00
Red and pink	2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz.,	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Cape Jasmine	1.50 to 3.00
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 4.00
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

ROSES===CARNATIONS===PEONIES===LILIES===VALLEY

And everything else that you need for the June Weddings and School Closings. Our high grade stock is in demand by the progressive florist who insists upon the best at all times at the most reasonable market prices.

Poehlmann Bros. Co. has received four cars of palms from Belgium this week, which Superintendent H. M. Oeser describes as simply superb. The palm department has had a good season and some of the houses look pretty empty, for shipments have been going out right along and the new stock will come in handy. T. E. Waters, who looks after the supply department, has the factory running in full blast at Morton Grove, where a large quantity of ruscus, cycas leaves, etc., are being prepared for next season's business. Some exceptionally fine roses are arriving at the city salesroom each day

CUT PEONIES--GERANIUM PLANTS

Plenty of Stock—Write for prices on what you need.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

and the firm has every reason to feel proud of the Mrs. Chas. Russell, Ophelia, Killarney, Killarney Brilliant and young American Beauty, which are all that one could desire as far as quality is concerned. John Poehlmann, Jr., is suffering from a sore throat, but it on the job every day at the store.

Percy Jones is strong on green goods of all kinds, particularly ferns, and is taking care of all the customers in fine shape. Trade in all lines continues to be brisk and the sales so far this month compare most favorably with those of the same period during 1915.



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Cape Jasmine, Baby Gladioli, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc., for June Weddings and School Closings. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The George Wittbold Co. has been busy of late filling window boxes and some of the jobs already completed include the Sherman House, Royal Insurance building, First National Bank building, Lyon & Healy building, Auditorium hotel, Stratford hotel, Illinois Theatre, Board of Trade, Chicago Telephone Co., Chicago Automobile Club, Richardson Silk Co., American Radiator Co., Harry Newman, City Club and a score of other contracts. Fred Wittbold, Otto Stein and H. A. Cecile, of the Wittbold force are responsible for most of the orders and say that they have many more in sight. Louis Wittbold remarks that geraniums are unusually plentiful this season. His firm is strong on caladiums and can-nas, which are in good demand right now.

A. T. Pyfer & Co. are firm believers in preparedness and always have a large supply of stock on hand to furnish their customers with. Next year they will have an additional supply of cut flowers to offer, for Pyfer & Olsem will take possession of the new range that they recently leased from Peter Nepper, July 1, and which will be under the direct supervision of Peter Olsem, who will look after the Wilmette plant.

At Peter Reinberg's store the receipts of roses and carnations are very heavy and there are now more than enough in nearly all varieties to go around. Reinberg's store came in handy for preparedness day and every window facing Randolph street was filled with spectators, who were welcome to stay as long as they liked and enjoy the parade as much as possible.

The expressmen's strike continues to cause the wholesale florists a great deal of trouble and while the special service inaugurated by the wholesalers and headed by Fred. Lautenschlager is giving satisfaction, everyone is hoping for an early settlement, particularly the manager, who is about as busy as he can be.

Wietor Bros. are having a good call for chrysanthemum cuttings and cut back plants and are offering an unusually large number of varieties. The call for cut back stock in pompons is extra brisk and some of this stock is now being benched at Wietor's establishment.

Frank Potocetka marched with the Polish silk hat brigade in the preparedness parade, June 3.

Visitors: T. W. Reed, manager of the Waco Floral Co., Waco, Texas; George Dysinger, representing the Ionia Pottery Co., Ionia, Mich.

Cincinnati.

MEDIOCRE TRADE AND LOW PRICES.

While the market is well supplied in all seasonable lines, business is only fair with prices very low. Trade the previous week was good, but even with the Memorial day stimulation and the call for commencement flowers, everything sold at figures below the average. Roses and carnations are both plentiful, but in both lines there is only a limited amount of good stock. Easter lilies are also plentiful and gladioli, which are excellent in quality meet with a good market. Good outdoor sweet peas are arriving. The call for snapdragons is fair. Other offerings include lily of the valley, orchids, coreopsis, callas, nympeas and cornflowers.

NOTES.

C. E. Critchell will have to vacate his present quarters on Third street to make way for the Green Line terminal. He has not decided on his future location as yet.

Thos. Windram has gone to Leesburg, Fla., to look after business at the Lake Shore Ferneries.

The monthly meeting of the florists' society will be held June 12.

Geo. Klotter has been cutting some fine coreopsis.

Visitors: Pierce Julian, Roan Mountain, Tenn.; a delegate to the republican national convention, en route to Chicago, and F. M. Peck, Toledo, O.

H.

Minneapolis.

MARKET CONDITIONS GOOD.

Memorial day was a great event in this city, but there were several complaints from growers, arising from the new rule at Lakewood cemetery, prohibiting indiscriminate planting. Each lot owner has the privilege of planting a vase or urn, but shrubbery can only be planted under the supervision of the cemetery association. This makes it hard on growers that depend to any extent on cemetery trade. They will find an outlet for this stock, however, as the outdoor planting season has only started. Market conditions are good, with everything cleaning up nicely at good prices. Sweet peas are

coming fine and are arriving in quantities, causing prices to drop. They are now offered at from 35 cents to 75 cents per 100. Peonies have been a drug on the market. The express companies were trying to unload before Memorial day at two cents, but everyone seemed to be supplied and the demand for this flower was not as good as a year ago.

NOTES.

The W. D. Desmond Co. is sending in some very fancy gladioli and sweet peas from its range at Lyndale avenue and Sixty-fourth street. Some Mrs. Francis King gladioli with four foot stems from this establishment made a hit on the market this week.

Edward Goldenstein, representing Vaughan's Seed Store, Chicago, was a visitor this week, and booked a number of nice orders. He reports that the growers have had a very successful season and are ordering heavier in anticipation of a still better season to come.

Wm. Topel had a very busy week at the L. S. Donaldson Co.'s establishment. It looked like a Chicago wholesale house after an Easter rush.

Rice Bros. are very busy with orders for graduations, not only in this city, but throughout the Northwest. Their stock is always complete.

Thomas C. Rogers, who was taken suddenly ill, May 29, is back on the job again, but he lost 14 pounds in weight in five days.

The J. J. Hill funeral made very little business for the local trade. St. Paul seeming to have the bulk of the orders.

The lease on the store occupied by Ralph Latham was sold last week, and a new building will be erected on the site.

Oscar Amundson was very busy with a heavy Memorial day trade. Out-of-town business was exceptionally good.

T. C. R.

CHALFONT, PA.—Samuel F. Lilley has placed an order with the King Construction Co., North Tonawanda, N. Y., for two new houses; one 35x250 feet, the other, 16x135 feet.

AUSTIN, TEX.—A reception tendered to the incoming president of Texas University was the occasion for one of the most effective floral decorations ever seen in this city, and reflected much credit upon Charles Alf, whose arrangement was perfect in every detail.

U S Budlong's
E Blue Ribbon Valley.

FOR YOUR WEDDINGS

TRY OUR

NOVELTY ROSES—BRUNNER-ELGAR-BABY DOLL
and our FANCY ORCHID FLOWERING SWEET PEAS

Big cut of Russell, Ophelia, Stanley, Hearst, Hoosier Beauty, Sunburst, Double White Killarney, Killarney Brilliant Pink Killarney, Richmond Milady and Ward Roses to offer in addition to heavy supplies of Carnations Peonies, Valley, Sweet Peas, Callas, Harrissi, Galax, Asparagus, Sprenger, Adiantum, As Well As Other SEASONABLE STOCK And GREENS.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cleveland.

MEMORIAL DAY TRADE GOOD.

Memorial day business was very good generally, and although it rained for several days previous, immense quantities of stock were moved and prices were not at all high. Peonies were not entirely satisfactory; a few early red, local stock, which was mostly too tight to use, and some shipped stock that "fell off" in handling, were about the limit. Very few really good peonies were obtainable. Carnations moved better and large quantities were disposed of at medium prices. Roses of all grades and varieties moved nicely, the call generally being for medium priced stock. Sweet peas and outdoor lily of the valley was in good supply, with a good demand, as was such stock as baby gladioli, snapdragons, columbines, field daisies, larkspurs, candy-tufts, Easter lilies and double narcissi. The week showed a substantial increase over same week last year. Stock of all kinds is increasing in supply, and prices on some stock has dropped to summer figures. Greens are plentiful. Dagger ferns have the call.

NOTES.

William Lee, Bedford, Ohio, died of heart trouble on the morning of May 30, at the age of 80 years. He was born in London, Eng., moved when a boy to Canada, and later came to Bedford, where he engaged in truck gardening and in late years has grown cut flowers for the wholesale market. His sons, Alf and Frank, will continue the flower business.

A. C. Fox, St. Clair and East 105th streets, is doing a fine business in cut flowers and plants, porch boxes, hanging baskets, etc. He carries a complete line of garden tools, seeds, and fertilizers, and reports the best season since he has been in business.

At the monthly meeting of the florists' club, Monday, June 5, at the Hollenden hotel, a flower show to be held



Hanging Baskets

Ferneries on Stands - Jardinieres
for the Sun Parlor, Porch and
Arbor—Window Boxes.

Bridal Staff Baskets

Shepherd's Crooks

Bride's Staffs, Etc.

If you have not already received one of
our illustrated circulars send for it to-
day. You should never be without one.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO.

at Edgewater park, September 2-9, was discussed. The club has been asked to assist and co-operate.

Westman & Getz had a large decoration at the Country club, Friday, June 2, the occasion being the Eells-House nuptials.

Mrs. Geo. W. Smith expects to return home very soon, and Mr. Smith left here June 1 for Colorado to meet C. F. B.

EATONTOWN, N. J.—Dr. David Magee has engaged in the florist business and will erect a greenhouse on Broad street.

SCRANTON, PA.—Baldwin, The Florist, Geo. R. Clarke, C. H. H. Baumann and others are receiving the thanks of the management of the "Flower Market" held here, May 23, for attractive exhibits and generous support given the affair, which proved so successful that it will be repeated next year.

For Weddings and School Closings

Large Supply Peonies--Roses--Carnations

Sweet Peas -- Lilies -- Valley -- Greens, Etc.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

Boston.

HEAVY SUPPLY AND LIGHT DEMAND.

Business has fallen off considerably as quantities of flowers came into the market during the warm spell following Memorial day. Prices also have dropped, but it is no more than can be expected, as it is usual for a general depression at this time of year. Roses were in very poor demand, and large quantities are coming in, making prices far below standard; 50 cents to \$6 per 100 is the average run of prices. Carnations sold well the first of the week, but as the shipments increased towards the latter part, the prices dropped and seemed to continue to drop as the flowers left unsold accumulated. Sweet peas are rather poor in quality on the whole, but good blossoms sell fairly well at \$1 per 100, while poor ones have to go for what they are worth. There are large quantities of Memorial day specialties laying around the market, such as feverfews, stocks and candytufts, and there is very little call for them. Snapdragons are practically done for the season; the crop that is coming in now being rather drawn looking and have weak stems. Outdoor lily of the valley sells fairly well. There is a large quantity of Longiflorum lilies, but they do not sell very well, from 4 cents to 6 cents being the price.

NOTES.

The bowling league is going to have its first annual outing the last Sunday in June. Large preparations are being made for one of the most enjoyable events of the season and full particulars will appear in next week's issue.

John Barr, of South Natick, is sending his carnations to Boston in his new Ford truck. His stock is coming good now, being far cleaner and fresher looking than the majority of flowers seen.

F. L. W.

Rochester, N. Y.

Memorial day trade this year was not up to normal—even wreaths for cemetery decorations did not meet with their usual sale. There was an abundance of cut flowers; in fact, stock of all kinds was plentiful for the occasion. Peonies and irises are now coming to the market in large quantities, but there is a shortage of Easter and calla lilies and lily of the valley is somewhat scarce.

NOTES.

Harry P. Neun recently had a spring window that attracted much attention. The arrangement consisted of a miniature pond with clumps of irises here and there and a background of hydrangeas. The Rochester Floral Co. also had a pleasing display representing "A Mid-summer Night's Dream," arranged for the Shakespearean pageant week.

H. E. Wilson arranged a very attractive display for Memorial day, the center of the window being occupied by a large wreath of magnolia trimmed with wistarias. This rested on an easel while numerous wreaths and designs of various sizes were placed at other points where they showed to best advantage.

The will of the late Frank A. Stecher, head of the Stecher Engraving Co., of this city, who died May 22, provides for the distribution of \$50,000 among employees who had been in his employ for 10 years or longer.

CHESTER.

Los Angeles.

EXCEPTIONAL MEMORIAL DAY TRADE.

Without exception, the report on Memorial day trade was good. All kinds of flowers sold, probably roses more than anything else. Set pieces also sold well. Outside orders were plentiful. Business in all branches seems to be good. Besides weddings and funerals there are recitals and the "graduating girl" to be looked after, which call for many flowers. Asters and zinnias are showing up as well as centaureas. The market is well-stocked with gladioli, chiefly America and Mrs. Francis King. There are some good carnations, which sell well and many poor ones, which do not sell. Roses are better than a week ago, as the weather has been fine. The good weather has forced in the supply of sweet peas also, so that the general supply of flowers is keeping up well, which is a good thing as the demand has been so brisk.

NOTES.

Flower shows are getting to be a common thing these days. One of the latest, and one which was quite unique was that of Morris & Snow, which was held this week and consisted of sweet peas, mostly Spencers, both standard and Christmas flowering. Something over 40 varieties were shown. The idea was to show their customers the different varieties so they can get a better idea of what to plant. The scheme is a good one.

Howard & Smith had a good Memorial day trade, as did all the florists. They are making a great display of their new rose, the Los Angeles. This is considered one of the best roses of recent introduction. As they describe it the color is a luminous flame pink, toned with coral and shaded with translucent gold at the base of the petals, while its fragrance is equal to the finest Marechal Niel.

The Redondo Floral Co. cleaned up everything for their Tuesday's trade. One big order from a G. A. R. corps of New Mexico called for 875 wreaths. It is needless to say that they had to work overtime to get out such an order. They report a big demand for the Mrs. Francis King gladiolus.

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

J. W. Wolters had an exceptionally good trade Memorial day. Mr. Wolters keeps up his reputation in always showing something that can be classed among the novelties, not only in flowers, but in the furnishings of his store.

Wright's Flower Shop, Inc., were rushed with all kinds of business—weddings, funerals and graduating classes, calling for an unusual amount of stock. The Memorial day demand was good.

Seki Bros & Co., 229 West Fourth street sold many carnations for Memorial day. They grow their own stock in this line, having several acres in flowers at Hollywood.

O. C. Saakes had a good trade Memorial day, selling Easter lilies, roses and carnations principally. Mr. Saakes had a great display for this day's trade.

S. Murata & Co. did a big shipping business for Memorial day trade. Their business in gladioli and carnations at this time is enormous.

Wolfskill Bros. and Morris Golden-son report a good trade Memorial day. They had a splendid window display this week.

G. H. H.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

NEW FERNS

New Ferns.....\$1.35 per 1000
Dagger Ferns..... 1.15 per 1000
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. **Chicago**
Store: 162 N. Wabash Ave..MENTOR, O.—C. Merkel & Son are
adding four houses to their range.

WILLIAMSPORT, PA.—Raymond V.
Kester has disposed of his flower shop
at 213 West Fourth street to Harry L.
and William T. Evenden, formerly con-
nected with the Evenden Bros. Co.
The new firm, to be known as W. J.
Evenden's Sons, will erect three houses,
King construction.

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway,

LOS ANGELES, CALIF.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials \$5 00
" " 36-in. 4 00
" " 30-in. 3 00
" " 24-in. 2 50
" " 20-in. 2 00
" " 18-in. 1 00
Mrs. Chas. Russell.... 50@ 2 50

Per 100

" Beauty, short..... \$4 00@ 6 00
" Hoosier Beauty..... 2 00@10 00
" Killarney Brilliant..... 2 00@10 00
" Killarney..... 2 00@10 00
" White Killarney..... 2 00@10 00
" Richmond..... 2 00@10 00
" Prince de Bulgarie..... 2 00@10 00
" Rhea Reid..... 2 00@10 00
" My Maryland..... 2 00@10 00
" Mrs. Geo. Shawyer..... 2 00@10 00
" Milady..... 2 00@10 00
" Sunburst..... 2 00@10 00
" Mrs. Aaron Ward..... 2 00@10 00
" Hadley..... 2 00@10 00
" Ophelia..... 2 00@10 00
" Double White Killarney..... 2 00@10 00
" Mrs. Moorfield Storey..... 2 00@10 00
" Cecile Brunner..... 2 00@ 3 00
" George Elgar..... 2 00@ 3 00
" Fireflame..... 4 00
" Our selection..... 3 00

Carnations..... 2 00@ 4 00
Cattleyas..... per doz., 6 00@ 7 50
Gardenias..... per doz., 2 00@ 3 00
Jonquils..... 1 00@ 3 00
Peonies..... 2 00@ 8 00
Tulips..... 2 00@ 4 00
Lilium Harrisii..... 10 00@12 50
Mignonette..... 4 00@ 6 00
Sweet Peas..... 75@ 1 50
Valley..... 3 00@ 5 00
Adiantum Croleanum..... 1 00@ 1 50
Snapdragons..... per doz., 75@1 50
Daisies..... 1 00@3 00
Spanish Iris..... 5 00@6 00
Calendulas..... 3 00@4 00
Ferns..... per 100, 3 50@4 00
Galax..... 1 00@1 25
Leucothoe..... 75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00
Plumosa Strings..... each, 60@ 75
Smilax..... per doz., 2 00@2 50
Sprenger, Plumosa Sprays..... 3 00@ 4 00
Boxwood, 25clb per case..... 7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

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Telephone Central 466

S. ENOMOTO

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Enomoto & Co., Inc.

Wholesale Florists

35 ST. ANNE ST., off Bush St. near Kearny,
Phone: Douglas 4295 SAN FRANCISCO, CALIF.

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SLUMP FOLLOWS MEMORIAL DAY.

Business has quieted down considerably since Memorial day, the demand being anything but encouraging the past week, and there is a great abundance of stock in all lines. Peonies are now at their height, some very fine flowers being seen, also much other outdoor stock, such as delphiniums, cornflowers, etc., and all sorts of shrubbery flood the market. There are quantities of roses of very good quality for the season. American Beauties are still very salable, although getting a little frilled and bleached on the outer petals. Russell might be called the leader now, as in all sizes the flowers are good and lasting. Carnations, while not in oversupply, are quite sufficient for the demand, and the quality is still good. Gladioli are in fair demand, making nice window and store displays in connection with the light-colored shrubbery. Larkspur sells well and is becoming more and more a standard flower. Sweet peas still flood the market; some are perceptibly smaller and lighter in color, while late crops are better. Outdoor sweet peas are coming very early for them, but it can be done when one knows how. There are plenty of Easter lilies and lily of the valley. Cattleyas are in fair supply—some extra choice gigas are seen.

CLUB MEETING.

The June meeting of the florists' club, which was held June 6, was graced by a splendid attendance, the feature of the evening being a talk on "Bugs" by Dr. Tom Daly, the Irish poet, who writes "Daly's Column" in the Philadelphia Ledger. While there was not a great deal said about bugs, the speaker, who is a host in himself, was listened to with marked attention, and a number of his poems, both humorous and sentimental, were heartily applauded. At the close of his talk J. Otto Thilow presented him with a handsome bunch of American Beauties on behalf of the club. The lecture was given in the lecture room of the Pennsylvania Horticultural Society, after which the club adjourned down stairs to its own quarters, where refreshments were served and a happy evening was spent. The club is now enjoying a state of prosperity that should be productive of good results.

NOTES.

The Lansdowne Flower Show Association held its second annual exhibition June 3. It was the first display under the auspices of the association, the exhibition last season being given by the same interests under another name. They have now formed an association, a miniature horticultural society, which will no doubt become full-fledged before long. The hall was very nicely decorated with cut shrubbery and baskets of cut flowers in all the window ledges. There were 100 classes, some of which had from eight to ten entries. The principal flower was the garden rose, of which there were several fine collections. Dr. Huey carried off the gold medal of the American Rose Society, for the best collection. Dr. Cryer winning the bronze. S. S. Pennock won five firsts and one second, one first being for a vase of shrubbery and evergreen

Wholesale Flower Markets

BOSTON, June 7.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 8 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, June 7.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	3 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 50	
Snappedragons.....	3 00@ 6 00	
Asparagus Sprengeri.....	35@ 50	
Ferns.....per 1000, 2 00		
Smilax.....	15 00	
Peonies.....	3 00@ 4 00	

CINCINNATI, June 7.		Per 100
Roses, Beauty.....per doz., \$1 50@5 00		
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Richmond.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00		
Carnations.....	50@ 2 00	
Rubrum Lilies.....	3 00@10 00	
Gladiolus.....	4 00@ 6 00	
Sweet Peas.....	25@ 1 00	

branches of his own arrangement. Miss Kirk won the sweepstakes prize for the best rose in the show with a superb bloom of Duchess of Sutherland. Casper Pennock won first for collection of poppies. It is estimated that the attendance during the day and evening was over 1,000 visitors. It was a very successful show in every way, giving pleasure to a great many people, and certainly stimulating the interest in flowers for the decoration of the home and grounds.

The Leo Niessen Co. is handling quantities of American Beauties; they are very good for the season. Gladioli, Easter lilies and sweet peas are also quantity stock.

Gladioli, Easter lilies and choice lily of the valley were features of the Berger Brothers' market. Sweet peas were also a factor.

Exceptionally fine Cattleya gigas were the pride of the Edward Reid stock. Peonies are handled in quantity.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

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McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

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Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYS, CARNATIONS and LILIES.

One block from express depot.

1619-21 RANSTAD ST., PHILADELPHIA, PA.

Mention the American Florist when writing

Jacob Becker has retired from the retail end of the business and will devote his entire time to the green-houses.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

The interior of Pennock Bros.' store is very artistic with well arranged baskets of cut flowers in splendid color effects. All kinds of decorative pottery and floral nicknacks, vases, bowls, flower holders, etc., are nicely displayed. Their large bulk window is always a feature, with its best of the season flowers arranged in the very latest receptacles.

Joseph Heacock has received the democratic nomination for congress from his district. It took a long time to determine the candidate, as the vote was very close. Should he be elected, which, for the good of his constituents, we earnestly hope will be the case, he will certainly add quality to that national body.

Charles Henry Fox's window looked very pretty with Mock roses, cornflowers and a pink and white pond lily center, in a low, blue and white shallow basket. White vases held the flowers. Two blue parrots were perched on the edges of the lily pond, altogether a very pretty color effect.

Carl Corts, of the Joseph Heacock Co., is much pleased with business. Medium-sized roses, of which they have had quantities, have been the best sellers the entire season. The stork visited the Corts' residence, May 27, and left a little boy.

Samuel Lilley, of the Chalfonte Cut Flower Co., reports the new houses at Chalfonte about finished. He will have three houses, 35x250, and a connecting and propagating house, 12x133.

Laurel is now in full flower and much of it is seen in the windows and stores, making very effective decorations.

L. P. Vollers has resigned his position with E. R. Martin, 1725 Chestnut street.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, June 7		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@10 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 8 00	
Sweet Peas.....	50 @ 1 00	
Snappdragons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Gladolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, June 7.		Per 100
Roses, Beauty, special.....	25 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Gigantum.....	8 00	
Sweet Peas.....	4 00	
Spanish Iris.....	5 00	
Yellow Daisies.....	2 00	
Carnations.....	2 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		

MILWAUKEE, June 7.		Per 100
Roses, Killarney and W. Killarney	3 00@ 8 00	
" Ward.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@20 00	
" Ophelia.....	3 00@10 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	75 @ 1 50	
Carnations, fancy.....	1 50@ 3 00	
Snappdragons.....	doz., \$0.50@ \$0 75	
Tulips.....	3 00@ 4 00	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, June 7.		Per 100
Roses, Beauty, medium.....	25 00	
" short.....	4 00@ 8 00	
" Killarney.....	4 00@ 8 00	
" White Killarney.....	4 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 50	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	1 50@ 2 50	
Callas.....	8 00@12 50	
Lilies.....	4 00@ 8 00	
Lilacs.....	4 00	
Asparagus Plumosus, per bu. 25@75		
Ferns.....	per 1000, 3 00	
Bronze Galax.....	per 1000, 1 00	

New York.

MEMORIAL DAY DEMAND WEAK.

A review of the Memorial day business in this city shows that it was not as good as in previous years. It is true that for a few days previous to Memorial day, there was some activity in the wholesale district, due largely to out-of-town buyers, but the majority of retailers say that they reaped but little benefit, as what business there was went to the cemetery florists, and even they, or most of them interviewed, considered business dull. June is usually considered a good month for florists, but up to this writing business has been slow. We hope for an improvement at an early date. The weather has been fine and is sending more stock to market than can be handled. The best American Beauties are hard to move at \$25 per 100, while stock supposed to grade as special, but of inferior quality, or if left over, goes as low as \$10 and \$15 per 100, or at that rate. Orchids are plentiful and cheap. The best *Cattleya gigas* are selling at the rate of \$35 per 100; inferior grades have gone as low as \$10 per 100. Carnations took a great drop on Memorial day and it is fine stock that will now bring \$3 per 100; \$1 to \$2 is nearer the figures for the bulk of the stock. Three dollars is the best for lily of the valley. Lilies run from \$5 to \$8 per 100, the latter figure being paid only for exceptionally fine stock. Although the home crop of peonies is not yet in, the market is full of stock from Pennsylvania and other points where they are now in bloom and the price has dropped to about \$3 per 100. We have reason to believe that thousands of them are now in cold storage in this city. Sweet peas seem to be doing about as well, or better than most other stocks. In snapdragons, stocks, yellow daisies and various flowering shrubbery, there is an abundant supply, selling cheap.

June 5.—The market opened this morning with an immense amount of stock on hand and low prices on nearly everything. In roses, carnations and sweet peas, much stock arrives in poor condition. The market is overloaded with peonies, and for the time being they have practically put the carnations out. The best are about as cheap, wholesale, as the best carnations, are more showy and last longer with the ultimate consumer. Many carnations are going a begging at from 50 cents to \$1.50 per 100. The bulk of peonies are going at from 75 cents to \$2 per 100. There are some sales of special stock at \$3 per 100 and again there is inferior stock going to the push cart men at 50 cents per 100. Indoor lily of the valley holds out at \$3 per 100.

NOTES.

John C. Young, father of A. L. Young, the well known wholesale florist of 54 West 28th street, died at his home in Tallmans, N. Y., May 29, aged 76 years. He was a Union veteran of the civil war, having served in the navy. His original ancestors in this country were among the early settlers in the colony of New Amsterdam, now New York, in the seventeenth century, and were among the organizers of the first Dutch church, now Dutch Reformed, in the colony. In later years, other ancestors fought under General Washington in the Revolutionary war. Mr. Young had been a merchant, but retired about 20 years ago. He was a man of fine character and had many friends. He is survived by a widow and daughter and two sons. The funeral and interment took place at Tallmans, June 1.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Mention the American Florist when writing

Alexander Donaldson has removed his growing business from Elmhurst, N. Y., to Englewood, N. J., where he has taken the Lydecker range, recently conducted by Herman Mammitch, who goes to Clifton, N. J. The Elmhurst range was sold some time ago to a real estate syndicate. Mr. Donaldson has been a successful grower of lilies, carnations, sweet peas and chrysanthemums, and will continue in the same line at Englewood. He is a son of John Donaldson, now living as a gentleman of leisure at Patchogue, N. Y.

Joseph Levy of the Brooklyn Cut Flower Market, 356 Fulton street, has recently been very ill, having had symptoms of appendicitis, and it was for a time feared that an operation would be necessary. We are pleased to state that he is again attending to business. During his illness, Mrs. Levy, who is both a good business woman and a good housewife, was kept very busy.

The George W. Crawbuck Co. has opened its wholesale store at 57 West 28th street, with George W. Crawbuck in charge, assisted by H. T. Phillips, vice-president and secretary, and H. W. Gallier, treasurer. The firm has started in business under very favorable conditions.

Although there has been considerable complaint, since Memorial day, of dullness in the wholesale district, Joseph A. Millang, of the Pierson department of the New York Cut Flower Co., is quite cheerful. He handles good stock and can get a good price if anybody can.

Nicholas Flessas, the retailer of Amsterdam avenue, has been in bed for several weeks with a severe attack of inflammatory rheumatism, but is now somewhat improved. He is another man who is fortunate in having a good wife to look after the business.

John Young & Co. are receiving a fine quality of lilies from Carl Woerner, of Secaucus, N. J.; also, fine lilies and lily of the valley, and long strings of asparagus, but little of which is seen in this market.

Mrs. M. Loos, 504 Tenth avenue, had the decoration of the Admiral Farragut statue, Madison square, and other statues, for Memorial day and it was agreed that the work was well done.

Walter Singleman, of John J. Coan's staff, has been quite ill, but is now improving. During his enforced absence from the store Nick Schreiner has been Mr. Coan's understudy.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: 558 101 W. 28th St.,
FARRAGUT 2036 NEW YORK
2037

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

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GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.

(INC.)

Wholesale Commission Florists

57 WEST 28th STREET, NEW YORK

Telephone, Madison Square 5296.

Mention the American Florist when writing

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301
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John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

J. J. COAN, Inc.
Wholesale Commission Florist
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WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
 CONSIGNMENTS SOLICITED
 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, June 7.	Per 100
Roses, Beauty, special.....	15 00@25 00
" " extra and fancy.....	10 00@12 00
" " No. 1 and No. 2.....	3 00@5 00
" Prima Donna.....	1 00@8 00
" Alice Stanley.....	50@6 00
" Francis Scott Key.....	50@6 00
" Mrs. Geo. Shawyer.....	50@6 00
" White Killarney, special....	4 00@5 00
" Killarney, My Maryland....	"
" " special.....	4 00@5 00
" " No. 1 and No. 2.....	50@1 00
" " Queen.....	50@6 00
" " Brilliant.....	50@6 00
" Aaron Ward.....	1 00@8 00
" Richmond.....	25@5 00
" Sunburst.....	50@6 00
" Taft.....	50@6 00
" J. L. Mock.....	50@6 00
" Hadley.....	1 00@15 00
" Ophelia.....	50@5 00
" Mrs. Chas. Russell.....	50@6 00
" Hoosier Beauty.....	1 00@5 00
" Ulrich Brunner.....	1 00@15 00
Cattleya Orchids, special.....	30 00
" " inferior grades.....	10 00@20 00
Lilies, Longiflorum and Harrisii..	6 00@8 00
Lily of the Valley.....	3 00
Outdoor.....	1 50
Carnations.....	50@1 50
Adiantum Croweanum and	"
Hybridum.....	50@75
Asparagus Plumosus.....doz. bchs.	2 00@2 50
Smilax.....doz. strings.	1 25@1 50
Sweet Peas, orchid flowered.....	25@75
Snapdragons.....per doz.,	50@75
Callas.....per doz.,	75@1 00
Peonies.....	1 00@2 00
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CHICAGO

John H. Small, 3d, who looks after the landscape department of J. H. Small & Sons, has been for several weeks making his headquarters at their Madison avenue store.

The Twentieth Century Flower Shop, Fifth avenue and 42d street, had but a brief existence. The "birds have flown," so to speak, and the store is now offered for rent.

John Larkin, formerly with Harry Hoffmeir, 2369 Broadway, is now with E. J. Hession, Madison avenue and 76th street. He is a clever man in the retail business.

George C. Siebrecht, 109 West 28th street, is receiving fine *Cattleya gigas*, a good stock of peonies and a variety of other stock, including lilies and lily of the valley.

One of the heavy buyers in the wholesale district is M. Rovatzos, who has two retail stores in Pennsylvania—one at Scranton, the other at Wilkes-barre.

Sweet peas have taken a great drop. Some inferior stock that recently came in, went to the dump. It is now hard to get 75 cents, wholesale, for the best.

Attention is called to the announcement of James Coyle, in another column. He is an experienced wholesaler and deserving of patronage.

Frank H. Traendly, wholesaler, and Alfred T. Bunyard, retailer, were two of the judges at the recent show of the International Garden Club.

William P. Ford is now headquarters in West 28th street for peonies. He has them in quantity, and in variety to suit all tastes and fancies.

Pilot & Macres, of 144 Columbus avenue, have opened a summer store at Long Beach, L. I., with Jack Siegel as manager.

Joseph S. Fenrich, 51 West 28th street, is handling fine roses, Spanish iris and a good general stock of other cut flowers.

At the stores of Paul Meconi and Herman Weiss we have recently noticed fine stock of outdoor lily of the valley.

The Henshaw Floral Co. is handling fine roses in variety and shows many other good features.

A. F. F.

Albany, N. Y.

CLUB MEETING.

Members of the florists' club at the June meeting decided to take part in the "Preparedness" parade to be held in this city, June 14, Flag day. A special meeting of the club was called for the evening of June 8 at the Albany Cut Flower Exchange, at which details were discussed. The club expects to be represented by a delegation of 50 or more, some of whom will be from out of the city. On motion of Edward P. Tracey, of the Rosery, the president at the June meeting named a committee of 10 to wait upon the board of education with a view to securing a revision of the rule in regard to the presentation of flowers to pupils at the graduating exercises in the public schools. The board some years ago decided that the flowers cannot be presented to the graduates

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc., supplied in any quantity. A few on my list:

FERNS—*Adiantum*, *Blechnum*, *Aspidium*, *Asplenium*, *Gleichenia*, *Todea*.

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Wholesale Florist

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on the stage, but must be given to them in the wings following the regular programme. The local florists want the ruling amended so as to permit of the presentation during the exercises, preferably following the presentation of certificates of graduation. The amended rule would, the florists believe, be a great help to the retail business. The committee named by President Thomas F. Tracey is made up of Edward P. Tracey, Frederick A. Danker, Byron Holmes, A. D. Wemple, William C. Gloeckner, Harry Riggs, John L. Travison, John J. Berberick, P. A. Yauch, and President T. F. Tracey.

The club voted to give \$10 to the Society of American Florists fund for Mothers' day and to mail the same to John Young, secretary, New York. The invitation of Frederick Goldring to hold the July meeting at his place at Font Grove was accepted.

NOTES.

Frank J. Whaley, 117 Lexington avenue, has been named city forester at a salary of \$1,300 a year. Mr. Whaley was selected from a civil service eligible list compiled after a competitive examination. He will have charge of city trees and shrubs under the direction of the park department.

Walter N. Lockrow, of Norwich, florist, has filed a petition in bankruptcy in the United States District court at Utica. His schedule shows liabilities of \$1,286 and assets of \$834.

R. D.

The Chrysanthemum Manual

By Elmer D. Smith.



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 Alpha Floral Co., Des Moines, Ia.
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 Baumer, August R., Louisville, Ky.
 Begerow's, Newark, N. J.
 Blackstone, Washington, D. C.
 Boland, J. B., San Francisco.
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 Breitmeyer's Sons, John, Detroit, Mich.
 Buckbee, H. W., Rockford, Ill.
 California Florists, Tacoma, Wash.
 Clarke's Sons, David, New York.
 Comley, Henry R., 6 Park St., Boston, Mass.
 Cooke, Geo. H., Conn. Ave., and L. Washington.
 Cross, Eli, Grand Rapids, Mich.
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 Duar, Chas. A., Newark, O.
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 Eyres, 11 N. Pearl St., Albany, N. Y.
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 Freeman, Mrs. J. B., Toledo, O.
 Frey, C. H. Lincoln, Neb.
 Frey & Frey, Lincoln, Neb.
 Friedman, Chicago.
 Furrow & Co., Guthrie, Okla.
 Furrow & Co., Oklahoma City, Okla.
 Galvin, Thos. F., Inc., Boston, Mass.
 Galvin, Thos. F., Inc., New York.
 Gasser, J. M., Cleveland, O.
 Graham, A., & Son, Cleveland, O.
 Grand Rapids Floral Co., Grand Rapids, Mich.
 Grimm & Gorly, St. Louis, Mo.
 Gude Bros., Washington, D. C.
 Hardesty & Co., Cincinnati, O.
 Hart, Henry, Inc., New York.
 Hatcher, John O., Schneetady, N. Y.
 Hencie, Miles S., Syracuse, N. Y.
 Heint & Son, J. G., Terre Haute, Ind.
 Henderson, Lewis, Omaha, Neb.
 Hess & Swoboda, Omaha, Neb.
 Higgins, N. F., Springfield, Mass.
 Hollywood Gardens, Seattle, Wash.
 Holm & Olson, St. Paul, Minn.
 Howard & Smith, Los Angeles, Calif.
 Huscroft's Flower Shop, Steubenville, O.
 Johnston & Co., T. J., Providence, R. I.
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 Kottmiller, New York.
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 London Flower Shop, Ltd., Philadelphia.
 Mangel, Chicago.
 Matthews, the Florist, Dayton, O.
 Matthewson, J. E., Sheboygan, Wis.
 May & Co., L. L., St. Paul, Minn.
 McConnell, Alex., New York.
 McMurray, D. M., Pueblo, Colo.
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 Mullanphy Florists, St. Louis, Mo.
 Murray, Samuel, Kansas City, Mo.
 Newell, A., Kansas City, Mo.
 Oden Floral Co., Chicago.
 Palez, Paul M., Little Rock, Ark.
 Palmer, W. J., & Sons, Buffalo.
 Park Floral Co., The, Denver, Colo.
 Phillips Bros., Newark, N. J.
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 Podesta & Baldocchi, San Francisco.
 Portland Flower Store, Portland, Me.
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 Reuter's, Westerly, R. I.
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 Smith, Henry, Grand Rapids, Mich.
 Stumpp, G. E. M., New York.
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 Van Meter Flower Shop, Springfield, O.
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MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

CHICAGO

Mangel
The
Palmer House
Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

Pittsburgh.

MARKET HEAVILY STOCKED.

The local market is piled high with all kinds of flowers, mostly peonies, carnations and roses. Warm weather and lots of strong sunshine are largely responsible for the glut, but we still are having some rather cool nights. Business for Memorial day was largely effected by the warm weather with the result that not nearly so many flowers were sold as was expected. There were plenty of peonies and carnations for this day, but the warmth had its effect on them by the time they reached the retailers in most cases. We have been having plenty of rainfall of late and outdoor vegetation is in the best of condition. Outside lilac and lily of the valley are entirely done, but rose bushes are beginning to show color. The plantsmen are still as busy as ever and the sentiment voiced by all is that this has been the banner year for this department of the flower business.

NOTES.

W. P. & S. L. Gallaher have opened a new retail shop at 204 Fifth avenue, in the Bash building. W. P. Gallaher was until recently a member of the firm of Gallaher & Franks of the Fifth Avenue arcade.

The monthly meeting of the florists' club is scheduled for Tuesday, June 5, at the Fort Pitt hotel. "Peonies" will be the subject of discussion.

J. I. Adler of the newly formed Adler-Jones Co., of Chicago, called on Pittsburgh friends recently.

T. P. Langhans is the owner of a new "Cadillac Eight" touring car.
G. M.

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

358 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice

Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist

603 Title Guarantee Bldg.

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow
our own flowers

All kinds of Decoration
a Specialty

Phone A-2550

229 W. 4th Street

Send Telegraph, Telephone or Mail orders for
florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive
prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING
and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guar-
antees efficiency to take care of all orders. 20 per
cent allowed.

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Heffmans, N. Y.

Trade Directory

Containing the Names and Addresses of
Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St.,
Chicago

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph
Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas
Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of Florists' Telegraph Delivery.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Wichita, Kan.

EXCELLENT MEMORIAL DAY TRADE.

Memorial day, 1916, has left a good
record for amount of business done,
with fairly satisfactory conditions as
to prices, supply and quality of stock,
etc., although there is the usual com-
plaint as to the uncertainty of quality
in carnations for these special oc-
casions. The volume of business was
a little the best ever, with the ship-
ping trade holding its own nicely.
Peonies, carnations, jessamines and
roses were the leaders in supply and
demand in about the order named.
Prices were about as usual, the best
peonies bringing \$1.50 per dozen. The
week preceding showed a good plant
trade and helped in the final clean-up
of bedding stocks, as June 1 is about
the end of the spring bedding season.

NOTES.

A. Marquardt, of Marshalltown,
Iowa, has taken the position of gen-
eral foreman at the greenhouses of
Chas. P. Mueller.

Visitor: Robt. Newcomb, of Vaughan's
Seed Store, Chicago.

W. H. C.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and I Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and
prompt deliveries in Buffalo, Lockport,
Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading
West Side Hospitals and Can Fill all Orders
properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

DUTCH reports of May 12 indicate bulb crops generally looking well.

CHICAGO.—Prices for grass seed on the Board of Trade, June 7, were as follows: Timothy, \$5.50 to \$8.50 per 100 pounds.

LOUISVILLE, Ky.—George E. Hayes, president of the Louisville Seed Co., has been elected vice-president of the local Rotary Club.

GRAND RAPIDS, MICH.—A. J. Brown, of the A. J. Brown Seed Co., has opened his cottage at Northport Point, where the family will spend the summer.

RECENT weather in the Chicago district has been quite wet and fairly cool, ideal growing conditions for onion sets except on low water-soaked ground.

BALTIMORE, MD.—Charles J. Bolgiano, of J. Bolgiano & Son, has donated a mess hall and kitchen for the Y. M. C. A. boys at Camp Conoy, costing \$1,200.

ST. LOUIS, MO.—D. I. Bushnell has returned from an Arizona trip where he added to his anthropological collection. R. W. Pommmer will make an eastern trip in June.

CORN is rotting in the ground on account of the cold, wet, weather, and it will be necessary to replant a large area. Where the corn is up weeds have made a rank growth and it is impossible to cultivate.

SEATTLE, WASH.—The Chas. H. Lilly Co. advises that this has not been a favorable year for the seed specialties grown here. The spring has been very late, rather cold, and only a small acreage has been planted.

TRAVELERS in the southern France bulb districts report jobbers there as saying that certain bulb merchants from other countries make their purchases on the basis that bulbs shall be undergraded to secure lowest possible prices.

THE Illinois Seed Co., Chicago, will maintain a temporary office at the Sherman House during the convention of the American Seed Trade Association, pending the completion of the office at its new location, 349-369 East North Water street.

W. ATLEE BURPEE & Co., of Philadelphia, Pa., write as follows June 1: "This has been an exceptional year with us, a long drawn out season, resulting in a business that is very satisfactory, particularly so in summer flowering bulbs. We have had a demand for these that has never before been experienced by this concern. The demand for many varieties of seeds has been far beyond our expectations, and on the whole 1916 will prove a most satisfactory year in every respect."

FARMERS' BULLETIN No. 690, under the title of "The Field Pea as a Forage Crop," has been issued by the United States department of agriculture. It consists of 24 pages with illustrations and treats of the plant principally from a forage crop standpoint, as the title indicates.

KENTUCKY BLUE GRASS. — J. Chas. McCullough, of Cincinnati, O., who has just returned from a trip through the Kentucky blue grass fields, says the crop is very uncertain at this time. A short time ago the fields looked very discouraging, but since the recent rains they have improved a good deal and it is believed there will be more blue grass to offer than was expected some time ago. There has been some complaint that white clover has taken a great many fields, and Mr. McCullough found this to be the case.

ROCKFORD, ILL.—Condon Bros., who report a splendid business for 1916, recently purchased adjacent to this city the old McFarland farm in Guilford township, which will be known as Rock River Valley Seed Farm, on which they are conducting a very extensive trial ground and in addition, breeding and perfecting stocks of beans, corn, onion, peas, beets and radishes. In passing it is worthy of note that in the original transfer of this seed farm from the government in October 1839, the value was \$1.25 per acre and today the price is \$250 per acre.

NEW ORLEANS, LA. — Chris Reuter says the spring of 1916 shows an increase of approximately 30 per cent in his mail orders and a decrease of 15 per cent in sales of bulk field seeds. The extended drouth throughout the south during the spring months has interfered considerably with the movement of seeds, particularly in sections of Texas and Louisiana. Truck crops have proved profitable to the grower, principally cabbage, onion, potatoes, beans, etc., and an increased acreage of these crops will be planted this fall. He is looking forward to a good fall business.

French Bulb Crop.

A correspondent writing from Toulon, France, under date of May 12 says: "Regarding Narcissus Paper White Grandiflora, we must take into account the uncertainty of the harvest which may be mediocre, and the further fact that workmen are becoming more and more scarce. Under these conditions dealers will do well to make their contracts with reservation as to poor crop. Workmen are scarce and must be paid the wages they are worth, which are certainly high. We consider ourselves very lucky when we find men who are able to do the work."

"There has been no further action since the meeting of the syndicate, and both grower and merchant await the result of the harvest, which can not be foreseen."

Wisconsin Peas.

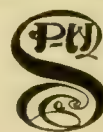
Wisconsin annually raises and cans, ready for household use, 37 per cent of the nation's supply of green peas, or eighty-three and one-quarter million cans. Some one has figured out that if these cans were laid end to end, in a straight line, they would reach from Madison to San Francisco, thence to Los Angeles, from there to New Orleans, and then back up the Mississippi to Madison again. And all this in spite of the painful increase of blight, which of late years has done much to lessen the state's annual income from pea production. During the past four years the experiment station has been investigating the troublesome malady, which wilts and blackens the pea vines in a short time, especially on land where peas have been raised for a number of years. Specialists in plant diseases have been cooperating with farmers and canning factory owners seeking effective means of combating the malady. Different cultural methods have been tried and a variety which might prove to be resistant to blight has been sought. From this cooperation certain facts have been learned relative to the control of pea blight, and among them: 1. That lack of suitable rotation of crops favors the development of pea blight. 2. That thorough drainage of the soil helps to check the development of the disease. 3. That plowing and harrowing immediately after the removal of the crop will be of great benefit in reducing the blight. 4. That ensiling the pea vine tends to destroy disease spores by fermentation. Many of the newer factories have built silos to convert the vines into highly nutritious stock food. This at once lessens the spread of the blight disease and utilizes the vines for a better purpose than formerly, when they were spread upon the land.

The Reynolds Preserving company, of Sturgeon Bay, Wis., together with 79 other pea packers in the state, were notified during the last week by the Wisconsin industrial commission that factories this year must operate without permitting women to work in excess of the limits laid down in the law. This notification follows the supreme court's decision on the law limiting hours of labor of women, which makes it impossible for canners to operate on the extended limitation of woman's hours which has been their privilege since the legislature of 1913, recognizing their peculiar needs, made provision for them. Under the law women may be employed not to exceed 55 hours in any one week, and not to ex-

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

LILY BULBS**FALL DELIVERY**

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City**Contract Growers Of**Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn**Stokes Seed Farms Co., Inc**
Moorestown, New Jersey**THE C. HERBERT COY SEED CO.**

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

ceed 10 hours in any one day. This schedule is limited by the following: Between the hours of 8 p. m. and 6 a. m. women may be employed not more than eight hours in any one night and not more than 48 hours in any one week.

Iowa Seed Dealers' Association.

The annual convention of the Iowa Seed Dealers' Association opened at the Savery hotel, Des Moines, Ia., June 7, with an excellent attendance, including J. S. Hamilton, of the Hamilton Seed & Coal Co., Cedar Rapids, Ia.; H. P. Webster of Mel L. Webster & Co., Independence, Ia.; J. S. Hoffer, of the Hoffer Seed Co., Nora Springs, Ia.; J. F. Simms, D. C. Peck and H. Seenfield, of the A. A. Berry Seed Co., Clarinda, Ia.; E. W. Miller, Guthrie Center, Ia.; E. N. Cole, of Cole's Seed Store, Pella, Ia.; J. W. Galloway and J. M. Jensen of Galloway Bros., Waterloo, Ia.; H. C. Grate, of the Youngerman Seed Co., Council Bluffs, Ia.; D. W. Thayer, of the Nishua Valley Seed Co., Shenandoah, Ia.; Chas. N. Page, Frank H. Page, C. P. Headington, M. Kurtzweil and J. N. Albright, of the Iowa Seed Co., Des Moines, Ia.; H. A. Johns of the Sioux City Seed & Nursery Co., Sioux City, Ia.; John R. Aye, of Aye Bros., Blair, Neb.; Olner Lorenz, of the Guthrie-Lorenz Co., Des Moines, Ia.; F. M. West, Corydon, Ia.; L. B. Hoopes, of J. E. Hoopes & Co., Muscatine, Ia.; W. W. Petzar and A. M. Eldridge of the Henry Field Seed Co., Shenandoah, Ia.

A fine programme has been arranged for the meeting, which will close June 8.

Snow's June Crop Report.

Snow's report of June 1 says: "Condition of winter wheat 75.5, the lowest with one exception in more than 10 years and a decline of 3.6 points during May. Heavy loss is in Kansas, Oklahoma and on the Pacific coast, resulting from Hessian fly in Kansas and dry weather in Oklahoma and California. Decline in prospect is also shown in Tennessee and Kentucky and in Illinois and Missouri. The present crop indications are for 489,000,000 bushels, against 492,000,000 on May 1.

JAPAN LILIES**RETARDED BULBS FROM COLD STORAGE**

As these Lilies are most useful during the early winter months and for Christmas flowering, we suggest June and July delivery as the best time for making shipments of Speciosum. Full Cases of Lilies at 1000 Rate.

Lilium Speciosum Rubrum—Cold Storage	100	1000
9- to 11-inch, 125 bulbs in a case.....	\$11.00	\$105.00
Lilium Speciosum Melpomene—Cold Storage		
9- to 11-inch, 125 bulbs in a case.....	11.00	105.00

Arthur T. Boddington Co., Inc., Seedsman

128 Chambers Street, NEW YORK

French Bulbs**A. & L. BREMOND FRERES,**
Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES**BEANS, PEAS, RADISH****AND ALL GARDEN SEEDS**

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. **CHICAGO****BRUNNINGS****Large Growers and Shippers of**
BEANS, PEAS
and
ONION SEEDCorrespondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

"Spring wheat acreage is reported at 17,813,000 acres, or a decrease of eight per cent, equal to 1,522,000 acres. The crop is very late, has been seeded under unfavorable conditions and the June 1 condition is reported at only 89.5. This is the lowest June 1 condition since 1907, and it is significant that in the last 25 years no crop that started with a June condition below 90 has ever made a good yield per acre. The present conditions indicate a yield of 13.8 bushels per acre, or a crop of about 246,000,000 bushels."

LILY BULBS**FALL SHIPMENT FROM JAPAN**

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.The Import House
95 Chambers St., NEW YORK**Western Seed & Irrigation Co.**

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT. NEBRASKA**BARNARD'S**
Seed Store
231-235 W. Madison St.
CHICAGO.

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing

MY WINTER

Orchid-Flowering Sweet Pea

Has Satisfied Every Grower the Past Winter

New List Will Be Mailed in June. If you are
not already on our books, send your name in.

ANT. C. ZVOLANEK,
Sweet Pea Ranch, LOMPOC, CALIF.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. SWEDSBORO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkins
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho MILFORD, CONN.

Mention the American Florist when writing

VALLEY

FROM STORAGE

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in.....doz.,	\$1.00; 100,	\$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

Flower Seeds For Summer Sowing.



CINERARIA—Vaughan's Columbian Mixture.

Our List of "Flower Seeds for Summer Sowing" now on the press; will be mailed shortly.

Asparagus Plumosus Nanus. ^{Northern} Greenhouse Grown.
Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.00.

Asparagus Hatcherii. Finer, heavier and more rapid grower than Plumosus. 100 seeds, 60c; 1000 seeds, \$4.50.

Asparagus Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1000 seeds, 75c; 5000 seeds, \$3.50; oz., 50c.

CALCEOLARIA HYBRIDA.

Vaughan's Extra Choice Mixed. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. Trade pkt., (1000 seeds), 50c; 3 trade pkts. for \$1.35.

CINERARIA.

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. Trade pkt., (500 seeds), 50c; 3 trade pkts. for \$1.40.

DRACAENAS.

	Trade pkt.	Oz.
Indivisa Lineata	\$0.10	\$0.40
Indivisa. Narrow green leaves.....lb.,	\$3.50	.10 .30
Latifolia.....	.10	.50
Australis. Green and red colored leaves.....	.10	.50

GLOXINIA HYBRIDA.

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal types. Pkt., (1000 seeds), 50c; 3 trade pkts. for \$1.25.

Vaughan's Seed Store, NEW YORK, N. Y.
CHICAGO, ILL.

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Plants	Diam. Per 100	Plants	Diam. Per 100
10-12 in...	\$12.00	16-18 in...	\$ 40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
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" 15-17 in...	30.00	" 22-25 in...	100.00

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	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Ageratum , 6 varieties....	\$2.00	\$18.50	\$3.00	\$25.00
Alternanthera , 6 varieties, 2.00	18.50	3.00	25.00	
Alyssum , dwarf and giant 2.00	18.50	3.00	25.00	
Begonia Luminosa	3.00	25.00	4.00	30.00
" Vernon	2.00	18.50	3.00	25.00
Cannas , standard varieties .....	.....	3.00	25.00	
Coleus , 10 varieties.....	2.00	18.50	3.00	25.00
Cuphea , Platycentra.....	2.00	18.50	3.00	25.00
Lemon Verbenas , 6 var.....	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Parlor Ivy , S. Scandens... 2.00	18.50	3.00	25.00	
Salvia , Bonfire and Zurich 2.00	18.50	3.00	25.00	
Senecio Argenteus (Dusty Miller).....	2.00	18.50	3.00	25.00
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Market Gardeners

Vegetable Growers' Association of America.

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President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, June 6.—Mushrooms, home grown, No. 1, 40 to 50 cents per carton; lettuce, cases, 10 to 20 cents; radishes, 50 cents to \$1.00 per 100 bunches; celery, \$1.50 to \$2.00 per crate; tomatoes, six baskets, \$3.00 to \$4.25; cucumbers, per doz., 50 cents to 80 cents.

New York, June 6.—Celery, per 12-inch crate, \$2.00 to \$3.00; cucumbers, 75 cents per dozen; mushrooms, 40 cents to \$1.50 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per dozen bunches, 25 to 35 cents.

Cantaloupes From Imperial Valley.

Brawley, Calif., May 26.—The biggest cantaloupe deal in the world is now on and each day will see a big increase in shipments. The first car left by Wells Fargo express May 16; one car on the 17th; one on the 18th; two on the 19th; four on the 20th; four on the 21st by express and one by freight; seven by express and three by freight on the 22nd; six by express and six by freight on the 23rd; and seven by express and seven by freight on the 24th; with the estimated shipments for the 25th at about 20 cars. According to the estimates there are about 8,500 acres. All shippers agree that there will be a heavy yield. Some patches will run as high as 275 crates to the acre, some about 200. Figuring on an average of 225 crates will make the output about 6,000 cars; at 200 crates it will make it over 5,000 cars.

Staking Tomatoes.

We have in these columns repeatedly commented upon the merits of training tomatoes to posts, strings or wires in field culture. We are fully aware that this method of production has been condemned by experiment stations and growers; while, on the other hand, there are plenty of growers who would not produce tomatoes any other way. The fact remains that local conditions have a great deal to do with the method to pursue—wherever a market demands a perfect product at a good price, staking will give the result. Last year was a disastrous one for the field tomato crop in our locality (Ohio), the excessive rains producing leaf instead of fruit; blight followed, and the fruit resting on the ground was worthless. These conditions have caused a general increase in stake culture. There is no doubt but another factor has entered—the greenhouse product. Our greenhouse growers have educated the public up to a higher standard—where formerly the outdoor early tomatoes were eagerly bought at fancy prices, they would go almost begging for a buyer unless quite perfect. This

is a question that the market alone can decide; we would prefer a general reduction in area planted and an increase in quality of product.

In regard to cultural methods, there are several. A favorite distance for rows is four feet apart with the plants 24 inches apart in the rows. These are trimmed to single stems, removing all side shoots as soon as they appear. The common practice is to set a pole for each plant; these poles may be from four to seven feet long. Some growers aim to get only two or three clusters of fruit; they top the plant after enough fruit has set, and can get along with a shorter pole than those who carry the plant through the whole season. Another method is to set heavy stakes every eight feet and run a strong wire overhead. A strong twine is fastened to the plant below and to wire overhead, and the plants are twisted to the strings same as under glass. This is an excellent method except that it puts an enormous strain on the posts, wire and end posts if the crop is good.

Compromise between the two is to use a light stake for each plant and tie these to an overhead wire. By using pipe posts and running wires square across field to cross-brace the rows, a pretty solid job is possible. As an offset for the cost of staking and suckering we have a decided saving in picking labor, besides a much finer quality of fruit. MARKETMAN.

Condition of Truck Crops.

The bureau of crop estimates, United States department of agriculture, has received from a special list of truck-crop growers in 30 states reports relating to various crops on May 1. Estimates are based on 100 per cent as representing a normal condition. The result of the tabulation of replies, together with comparative figures for May 1, 1915, where available are as follows:

Crop.	May 1 1916.	May 1 1915.	April 1, 1916.
Snap beans	78	77	82
Cabbage	80	75	75
Cantaloupes	76	76	77
Cucumbers	81	73	83
Lettuce	82	82	73
Onions	84	84	85
Peas	80	76	73
Early Irish potatoes.....	80	75	84
Strawberries	87	77	86
Tomatoes	89	85	78
Watermelons	82	82	73

COLUMBIA, Mo.—The Missouri State Florists' Association at its annual meeting held here May 25, elected the following officers for the ensuing year: J. A. Kaupp, Nevada, president; Edward Denker, St. Charles, vice-president; W. S. Wells, St. Louis, secretary; C. C. Sanders, Clayton, treasurer.

Poisoned Bait For Cutworms.

Cutworms usually begin to damage crops about the time in spring when the grain first sprouts. Between this time and late June or early July they often prove disastrous to the farmer. The worm, however, so closely resembles the color of the soil in which it rests during the day that the cause of the crop injury is not always apparent. In such cases a careful examination of the soil surrounding the damaged plant will probably reveal the worm curled up in a little ball. When cutworms are abundant on corn land, the use of poisoned bait is recommended in Farmers' Bulletin 739 of the United States department of agriculture. The poisoned bait may be prepared by mixing 50 pounds of wheat bran, two pounds of Paris green and six finely chopped oranges or lemons. Low-grade molasses is added until the whole mixture attains the consistency of a stiff dough. Water also may be added if necessary, and middlings or alfalfa meal may be substituted for the bran. This bait should be distributed over the infested field in small lumps, and sprinkled sparingly around each hill. In cases where the field is known to be infested, this bait should be distributed as soon as the corn appears above the ground and before the cutworms have had an opportunity to do much damage. It is best to apply the bait during the late afternoon or early evening hours, as the cutworms do most of their feeding at night. A narrow band of the poisoned bait placed around the edge of the field will also assist in protecting the field from an invasion of the worms from adjoining grassland.

"Market Gardening"

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Size Pots.	Per 100	Per 1000
2¼-in. Ageratum, white, light and dark blue	\$2.25	\$20.00
2¼-in. Alyssum, Large Giant and Little Gem	2.00	18.00
2½-in. Asparagus Sprengeri, large plants	2.50	22.50
3¼-in. Begonia, Flowering, 8 leading varieties	10.00	90.00
3 and 3½-in. Canna King Humbert	5.00	45.00
3 and 3½-in. Cannas, Brandywine, Crimson Bedder, Crozy, 20 varieties	4.50	40.00
2½-in. Centaurea, dusty miller	2.25	20.00
2½-in. Coleus, Golden Bedder, Verschaffeltii and 15 varieties, mixed	2.50	22.50
2¼-in. Cupheas, cigar plant	2.25	20.00
2¼-in. Fuchsias, double and single, 12 varieties	2.75	25.00
4 -in. Fuchsias, double and single, 12 varieties	7.50	70.00
3½ and 4-in. Geraniums, Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼-in. Heliotropes, white, light and dark blue	2.75	25.00
4 -in. Heliotropes, white, light and dark blue	7.50	70.00
2½-in. Marguerites, white, yellow and Mrs. Sander	2.50	22.50
2½-in. Salvia, Bonfire and Splendens	2.50	22.50
3 -in. Salvia, Bonfire and Splendens	5.00	45.00
2½-in. Verbenas, very choice, mixed or separate colors, in bud	2.25	20.00

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BUSINESS HOLDS UP WELL.

Memorial day business this year was the best in the history of the trade in this city. Peonies took the lead, but much of the stock had to be shipped in, the local crop being late. Carnations were fine in quality and were readily disposed of at \$1 per dozen, the peonies bringing from \$1 to \$2. Roses were plentiful and the stock was good, with prices normal. Bedding plants sold well and boxwood was never in better demand. June business has started in well and from all indications the florists will have a good month before them. The finest of weather prevails.

NOTES.

Rosenfield's Peony Farm is at present the attraction of this city. It is a wonderful sight and a credit to Mr. Rosenfield and the community, a constant stream of autos taking visitors to see the wonderful display. Peonies are especially fine in this section this year, due to the moist season last year. In fact, everything in the way of outdoor stock is looking fine.

A severe hailstorm visited South Omaha, May 28, the principal sufferers being Louis Zadina, who lost about half of his glass, and Louis Henderson, who had about 2,500 feet broken.

GRIPPE.

SAN ANTONIO, TEX.—W. W. Westgate will engage in the florist business at 505 Garden street, making a specialty of plants and bulbs exclusively.

BOXWOOD

	Each	In Tubs Pair
PYRAMIDS —2½-ft	\$2.00	\$3.75
3 -ft	2.50	4.50
3½-ft	3.50	6.00
4-ft	4.50	8.00
BUSH —18-inch	.75	1.40
20-inch	1.00	1.75
24-inch	1.25	2.35
30-inch	2.75	5.00
36-inch	3.75	7.00
STANDARDS —10-inch (out of tubs), doz., \$3.00; 12-in. doz., \$4.00	3.00	5.50
18-20-inch stem, 12-inch ball tops	1.25	2.25
12-in. stem, 12-in. crown	1.50	2.75
14-15-in. stem, 12-in. crown	2.75	5.00
15x15-inch	3.50	6.50
18x18-inch	4.50	8.00
20x20-inch		

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.
10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN —12-inch	\$0.45	\$4.50	\$35.00
18-inch	.75	8.00	50.00
GREEN —18-inch	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED —12 to 18-inch	\$0.60	6.00	50.00

Ampelopsis Veitchi, 3-yr., Extra, per 100, \$12.00

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STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation	\$6.00	\$50.00	White Wonder	3.00	25.00
Alice	6.00	50.00	White Enchantress	\$3.00	\$25.00
Matchless	3.50	30.00	Rosette	3.00	25.00
Champion	3.00	25.00	Enchantress	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,

\$7.00 per 100; \$60.00 per 1000.

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BEGONIAS

We make a specialty of begonias; you will like our stock; prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Lorraine, 2½-in.	\$12.00	\$100.00	Prima Donna, 3-in.	\$ 4.50	\$40.00
Cincinnati, 2½-in.	15.00	120.00	Prima Donna, 4-in.	6.00	50.00
Chatelaine, 2½-in.	3.50	30.00	Xmas Red, 2½-in.	6.00	50.00
Chatelaine, 3-in.	5.00	45.00	Xmas Red, 3-in.	8.00	70.00
Chatelaine, 4-in.	6.00	50.00	Xmas Red, 4-in.	10.00	90.00
Luminosa, 2½-in.	2.50	20.00	Vernon, 2½-in.	6.00	50.00
Erfordii, 3-in.	6.00	50.00	Vernon, 3-in.	8.00	70.00
Prima Donna, 2½-in.	2.50	20.00	Vernon, 4-in.	10.00	90.00

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Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

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Spring List ROSES

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

NILES, MICH.—C. O. Youngstrand and the Niles Nursery Co. have consolidated and will grow a complete line of hardy plants in addition to nursery stock.

GENEVA, N. Y.—William L. McKay, proprietor of the Van Dusen Nurseries, died of heart trouble May 25, aged 61 years. He had been engaged in the nursery trade for nearly 35 years.

SAN DIEGO, CALIF.—Chas. A. Chambers, formerly secretary of the Fresno Nursery Co., has established an agricultural information bureau with experiment grounds in connection in this city.

BALDWINVILLE, N. Y.—Russell Bros., who have a range of four houses, four miles from this city, have incorporated with a capital stock of \$50,000 and will immediately build four additional houses, each 40 x 125 feet.

MILWAUKEE, WIS.—Mayor Hoan has intimated that he will re-appoint James Currie, of the well-known firm of Currie Bros., seedsmen, as member of the board of park commissioners of this city for the term of five years.

Cottage Gardens' California Branch.

The Cottage Gardens Co., of Queens, L. I., has an important branch at Eureka, Calif. This branch includes 400 acres of land, 35,000 feet of modern glass structures, five acres of lath houses and two acres of frames. The plants grown here embrace a complete assortment of nursery stock for landscape work, also Azalea Indica, rhododendrons, berried hollies, conifers, broad leaved evergreens and a general line of florists' forcing stock. Holland bulbs, peonies and lilies are grown in a wholesale way, mostly narcissi and tulips, bedding and forcing, in the first named. Some extensive experiments with Dutch hyacinths have thus far proved successful.

Pacific Coast Association of Nurserymen.

A very interesting programme has been arranged for the fourteenth annual convention of the Pacific Coast Association of Nurserymen which will be held at Medford, Ore., June 20-22, among the papers and discussions to be presented being the following: "Systems of Financing the Nursery Business," "Quarantine Regulations," "Fundamental Principles Governing Correct Methods of Salesmanship," "Fixed Charges Including Inspection and Disinfection," "Improvements in Methods of Selling Trees and Plants" and "Care of Orchards to Insure Quality and Quantity of Product." An excellent opportunity is offered delegates in attendance to visit one of the greatest fruit belts of the Pacific coast as well as virgin forests and the famed mountain and valley scenery of the Rogue River district. Among the social features will be visits to a number of the deciduous fruit orchards in the vicinity.

Exochorda Giraldii Wilsonii.

The Chinese Pearl Bush (*Exochorda racemosa*) has long been a familiar and much admired shrub in many American gardens on account of its showy racemes of large, pure white flowers. Old specimens assume an open and not a very attractive habit, and lose much of their early beauty. The variety (*E. Giraldii*) which was discovered by Wilson in western China and named for him, although in its native country it is a wide-spreading shrub, in cultivation here grows like a tree with a single straight stem and comparatively short branches which form a narrow pyramidal head. The flowers are much larger than those of the old-fashioned pearl bush, and this new introduction promises to be a better garden plant. It is now well established in the arboretum where several plants are now in flower, and in other Massachusetts gardens. The Chinese *exochorda* is best known as *E. grandiflora*, but the older and correct name is *E. racemosa*. On Hickory Path, near Centre street, *E. macrantha*, an interesting hybrid between the Chinese *E. racemosa* and *E. Korolkowii* from central Asia is in flower. The flowers and foliage resemble those of the Chinese plant, but the branches, like those of its Turkestan parent, are much more upright in growth.—Arnold Arboretum Bulletin, May 27, 1916.

—THE—

Storrs & Harrison Co.

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OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

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Splendid Stock.

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Madison, N. J.

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New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

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2½ in. pots.....\$5.00 per 100
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	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
Richmond.....	3.00	25.00

Ready for Immediate Shipment.

Peter Reinberg
30 E. Randolph St., Chicago, Ill.

13,000 VINCA VAR.

Out of 4 inch pots, \$10.00 and \$12.50 per 100.

GERANIUMS, out of 3½ inch.....\$7.00 per 100

Superb strain full transplanted PANSIES, \$1.25 per 100; \$10 and \$15 per 1000.

SALVIA SPLENDENS, out of 3½.....\$5.00 per 100

Cash Please.

Leonard Cousins, Jr., CONCORD JUNCTION,
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"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dorner & Sons Co., Lafayette,
Ind.

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GERANIUMS

Guaranteed to reach any point in the U.S. from
Chicago East, in good growing condition, or they
can be returned and your money refunded. I
take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000

Ricard and Poitevine..... 12.50 per 1000

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A. N. Pierson, Inc.
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CROMWELL, - CONN.

Gardeners' Examinations.

We are indebted to W. J. O'Carroll, of the University of Chicago Botanic Garden, for list of questions submitted to applicants in recent civil service examination for head gardener in the St. Paul, Minn., park department.

Subject: Practical Questions (Wt. 50).

1. (a) Name the best time of the year for pruning ornamental shrubs, and state why.
(b) When would you prune shrubs flowering on wood of last year's growth? Shrubs flowering on wood of present season?
(c) In pruning, what kind of cut should be made? What beneficial results are secured by pruning shrubs?
2. How and to what form should a hedge be pruned? Why?
3. (a) When is a barnyard manure a good fertilizer, and when is it a bad one?
(b) What is meant by baked soil, and why is it injurious to the roots of growing plants?
(c) What evils grow out of stagnant moisture in the soil?
4. What are the three chief constituents of a good manure? What is humus? What office does it serve in a manure? What is guano? What is harvest fertilizer?
5. (a) What kind of soil requires draining?
(b) What simple test could you use to tell if soil should be drained?
6. (a) Tell just what you would do to prepare a piece of unenclosed ground for a formal garden. Answer fully.
(b) What three conditions must be kept in mind in selecting a site for a flower garden?
7. How should sod be cut and laid? Describe in a few words the operation of trenching and preparing a rose bed.
8. Describe fully the care which you would give to park lawns during the (a) spring; (b) summer; (c) autumn; (d) winter.
9. Name 15 bedding plants, 15 greenhouse plants, 15 perennial plants.
10. Name five large flowering herbaceous plants; five hardy vines and climbers; five greenhouse climbers.
11. How should water be used in transplanting shrubs and plants to make them live and thrive?
12. Give a full account of the manner in which plants should be cared for and cultivated during the period of their growth.
13. (a) Make a sketch to illustrate the planting of a shrub border round a large lawn, mentioning plants to be used.
(b) Mention the plants and their colors to be used in ribbon gardening round small lawns.
(c) What plants would be best to use in making semi-tropic effects in beds on lawns?
14. (a) Name five of the best bush roses.
(b) Name five of the best climbing roses.
15. (a) How would you treat rose-mildew?
(b) How would you treat rose trees that were affected with green flies?
16. (a) Name three insect enemies of flowering plants.
(b) Name three specific insecticides for the three insect enemies you mentioned in (a).
17. (a) What care should be given garden hose to be kept in good condition?
(b) What harm would there be, if any, in over-watering a lawn?
18. (a) Prepare a set of five regulations for the guidance of your gardeners in watering plants in a greenhouse.
(b) Prepare a set of five regulations for the guidance of your gardeners in watering plants in the open.
19. (a) State how many rooted cuttings one man can pot in 2-inch pots per day of eight hours. How many geraniums? How many coleuses?
20. If 12 gardeners are assigned to work under your supervision, what records would you keep to determine the quantity and quality of work done by these men, and how would you inspect and direct their work?

Subject: Report (Wt. 10).

(This subject will be rated as to form, style, matter, penmanship and general neatness.)

Write a letter, properly addressed, to the Superintendent of Parks, St. Paul, Minn., giving a complete specification for the preparation, and sowing with grass seed, of a 100-foot square plot.

Subject: Arithmetic (Wt. 10).

All Work Must Be Shown in Full.

1. If a man can plant in eight working hours 2,000 coleuses at \$2.25 per day, how much would be the cost of planting 3,200 coleuses?

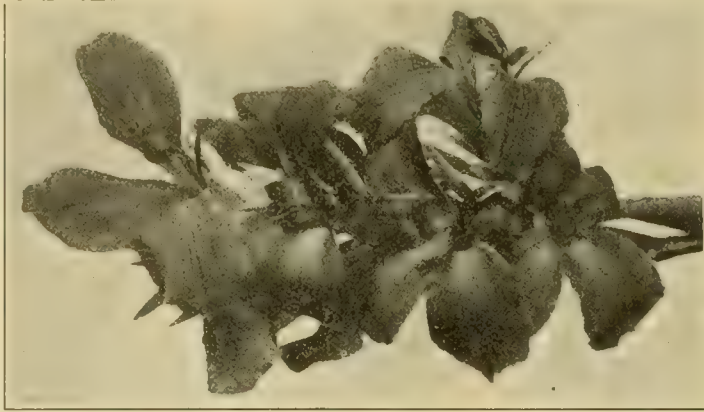
2. How much will it cost to plant 12 plants in 2-inch pots if the potting earth for the whole cost \$1.60 for hauling, \$0.60 for banking, \$0.07 a dozen for pots, and labor at \$2 for each 2,000 plants?

3. A bed requires 63 plants, the plants costing \$0.09 each to produce, and 4 1/5 of a cent each to plant. How much is the total cost of this bed?

4. Two hundred and fifty plants cost at wholesale \$25. If a cash discount of 7 per cent were allowed on this, what would be the net cost for cash?

Subject: Experience.

Thirty points allowed for past training and experience.



7C
EACH



7C
EACH



CALADIUM OR ELEPHANT'S EAR.
A Beautiful Tropical Decorative Garden Plant.

We have a fine lot of these plants and will allow a special 10% discount from the above prices to pay delivery making them \$6.30 per 100, Chicago. Will ship in paper pots. Rush your orders

GERANIUM IN BLOOM.

THE GEO. WITTBOLD CO.,
739 Buckingham Place,

Long Distance Telephone—GRACELAND 1112.

CHICAGO, ILLINOIS.
Only Assorted Green Leaf Varieties Left.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9.00 per 1,000; \$1.00 per 100. 3-in. strong, \$5.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Asparagus plumosus nanus, strong seedlings, \$6.00 per 1,000. Cash, or will exchange for ferns or geraniums. EDWARD SCHWARTZ, 1102 13th St., Portsmouth, O.

Asparagus Plumosus, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

ASTERS. Vick's best sorts, 2½-in. pot plants, \$2 per 100. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonias. We make a specialty of them.		
	100	1,000
Chatelaine, 2½-in.	\$ 3.50	\$ 30.00
Chatelaine, 3-in.	5.00	45.00
Chatelaine, 4-in.	6.00	50.00
Erfordii, 3-in.	6.00	50.00
Luminosa, 2½-in.	2.50	20.00
Luminosa, 3-in.	4.50	40.00
Luminosa, 4-in.	6.00	50.00
Prima Donna, 2½-in.	2.50	20.00
Prima Donna, 3-in.	4.50	40.00
Prima Donna, 4-in.	6.00	50.00
Xmas Red, 2½-in.	6.00	50.00
Xmas Red, 3-in.	8.00	70.00
Xmas Red, 4-in.	10.00	90.00
Vernon, 2½-in.	6.00	50.00
Vernon, 3-in.	8.00	70.00
Vernon, 4-in.	10.00	90.00
Lorraine, 2½-in.	12.00	100.00
Cincinnati, 2½-in.	15.00	120.00
Pfyer & Olsem,		Wilmette, Ill.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

BEGONIAS.

BEGONIAS.		100
Begonia Xmas Red, 2½-in.	.....	\$5.00
Erfordii, 2½-in.	.....	8.00
Erfordii, 3-in.	.....	3.00
Chatelaine, 2½-in.	.....	6.00
Chatelaine, 3-in.	.....	3.50
Prima Donna, 2½-in.	.....	8.00
Prima Donna, 3-in.	.....	3.00
Vernon Erfordii, Prima Donna, Luminosa and Triumph. Strong transplanted seedlings, \$1.25 per 100		
Begonia tuberous rooted, \$5.00 per 100; \$1.00 per doz.		
ERNEST ROBER, Wilmette, Ill.		

BEGONIAS—Delivery from May 15.		Per 100
Lorraine, 2½-in. pots.	.....	\$ 12.00
Cincinnati, 2½-in. pots.	.....	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	.....	25.00
Per 1,000	.....	200.00
JULIUS ROEHRS CO., Rutherford, N. J.		

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonias. Tuberous rooted. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.		Each.
Boxwood, 12-15-in.	.....	35c
" 15-18-in.	.....	65c
" 18-24-in.	.....	\$1.00
" 24-30-in.	.....	\$1.25 to 1.50
Pyramids, 2-2½ ft.	.....	1.50
" Heavy	.....	2.00
" 3-3½ ft.	.....	2.50
" Heavy	.....	3.00
" 4 ft.	.....	4.00
Standard, 12-in.	.....	2.50
" 15-in.	.....	3.50
Globes, 12-in.	.....	1.75
All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.		
ERNEST ROBER, Wilmette, Ill.		

BOXWOODS. PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each. THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. Bushes, pyramids, ball or globe shaped. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Lilies, for summer work, Lillium Robrum, 9-11-in. (100 to case), \$10 per 100; Lillium Album, 8-9-in. (170 to case), \$11 per 100; 9-11-in. (100 to case), \$16 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow Freesias, of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000; \$187.50 per 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. Imported French Japanese and Dutch. Also Bermuda and California stocks. Write for prices. Vaughan's Seed Store, Chicago and New York.

Bulbs. L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Ollioules, Var., France.

Fall Bulbs. Write for prices. James Vick's Sons, Rochester, N. Y.

CALADIUMS.

Caladium or elephant's ear. A beautiful tropical decorative garden plant. 7c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS.

CANNAS. Strong 4-in. pot plants. King Humbert, \$7 per 100; Venus, Austria, Wyoming, \$6 per 100. F. Walker & Co., 312 W. Chestnut St., Louisville, Ky.

Cannas. Assorted green leaf varieties, 7c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Canna. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

Canna Firebird, 3½-in., 25 for \$5; 50 for \$10. Vaughan's Seed Store, Chicago and New York.

CARNATIONS.

ROOTED CARNATION CUTTINGS.		
	100	1,000
Enchantress	\$2.00 \$18.00
Philadelphia	2.00 18.00
Washington	2.00 18.00
Rosette	2.50 20.00
White Enchantress	2.00 18.00
Champion	3.00 25.00
Carnegie	2.00 15.00
Victory	2.00 18.00

WIETOR BROS.,

162 N. Wabash Ave., Chicago.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterburg, 158 North Wabash avenue, Chicago.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Carnations. Standard varieties. For prices see advertisement elsewhere in this issue. F. Dorner & Sons Co., Lafayette, Ind.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1913-17. Cottage Gardens Co., Inc., Queens, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings	Cut Back Plants
Salomon Gold, yellow.	\$2.00 1000	\$2.00 1000
Rampage, yellow.	2.00 18.00	2.00 20.00
Col. D. Appleton, yel.	2.00 18.00	2.00 20.00
Romanaffon, yellow.	2.00 18.00	2.00 20.00
Chas. Razer, white.	2.00 18.00	2.00 20.00
White Romanaffon, wh.	2.00 18.00	2.00 20.00
Dr. Enguehard, pink.	2.00 18.00	2.00 20.00
Chrysolora, yellow.	2.00 18.00	2.00 20.00
Halfway, yellow.	2.00 18.00	2.00 20.00
Intensify, red.	2.00 18.00	2.00 20.00
Lynwood Hall, white.	2.00 18.00	2.00 20.00
Chieftain, pink.	2.00 18.00	2.00 20.00
Alice Salomon, white.	2.00 18.00	2.00 20.00
E. A. Seidewitz, pink.	2.00 18.00	2.00 20.00
Clem. Touse, white.	2.00 18.00	2.00 20.00
Bronze Touse, bronze.	2.00 18.00	2.00 20.00
Early Touse, white.	2.00 18.00	2.00 20.00
White Chieftain, wh.	2.00 18.00	2.00 20.00
Roman Gold, yellow.	2.00 18.00	2.00 20.00
Smith's Ideal, white.	2.00 18.00	2.00 20.00
Golden Queen, yellow.	2.00 18.00	2.00 20.00
Buckbee, white.	2.00 18.00	2.00 20.00
Nagoya.	2.00 18.00	2.00 20.00
Wm. Turner.	2.00 18.00	2.00 20.00
Marigold.	2.00 18.00	2.00 20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of Pompons in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants
Lulu, white.	\$2.00 1000	\$2.50 1000
Baby, yellow.	2.00 18.00	2.50 20.00
Overbrook, yellow.	2.00 18.00	2.50 20.00
Mrs. Astor, yellow.	2.00 18.00	2.50 20.00
Sabey, yellow.	2.00 18.00	2.50 20.00
Cubit, tan.	2.00 18.00	2.50 20.00
E. D. Godfrey, pink.	2.00 18.00	2.50 20.00
Crocus, bronze.	2.00 18.00	2.50 20.00
Tiber, brown and red.	2.00 18.00	2.50 20.00
Mensa, white.	2.00 18.00	2.50 20.00
Quinola, yellow.	2.00 18.00	2.50 20.00
Pretoria, yellow.	2.00 18.00	2.50 20.00
Zenobia, yellow.	2.00 18.00	2.50 20.00
Mary Richardson, terra cotta.	2.00 18.00	2.50 20.00
Aglois, variegated.	2.00 18.00	2.50 20.00
H. Hicks, brown.	2.00 18.00	2.50 20.00
Klondyke, yellow.	2.00 18.00	2.50 20.00
Mrs. F. Beu, bronze.	2.00 18.00	2.50 20.00
Sylvia, red.	2.00 18.00	2.50 20.00
Sydanla, yellow.	2.00 18.00	2.50 20.00
Miss Julia, yellow.	2.00 18.00	2.50 20.00
Lillia.	2.00 18.00	2.50 20.00
Mrs. Buckingham, pk.	2.00 18.00	2.50 20.00
Souv. Melanilla, pink.	2.00 18.00	2.50 20.00
Baby Margaret.	2.00 18.00	2.50 20.00
Diana.	2.00 18.00	2.50 20.00

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

WHITE	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
Early Frost	5.00	50.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	2.00	15.00
Alice Byron	2.00	15.00
Wm. Turner	2.50	20.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW		
Chrysolora	2.00	15.00
Golden Salomon	2.00	15.00
Yellow Eaton	2.50	20.00
Odessa	6.00	60.00
Bonnaffon	2.00	15.00
Nagoya	2.50	20.00
Daily Mail	6.00	60.00
PINK		
Amorita	2.00	15.00
Chieftain	2.00	15.00
McNiece	2.00	15.00
Dr. Enguehard	2.00	15.00
Mrs. E. A. Seidewitz	6.00	60.00
CRIMSON		
Shrimpton	2.00	15.00
H. E. Converse	5.00	50.00
J. D. THOMPSON CARNATION CO.		
Joliet, Ill.		

CHRYSANTEMUMS.

Chrysanthemums. From rooted cuttings and 2½-in. plants. Pompons, from 2½-in. plants. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTEMUMS. Leading commercial varieties. \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum. New pompon. Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

COLEUS.

COLEUS. Golden Bedder, Firebrand, Verschaffeltii and other kinds. Strong, young plants. 2-in. pots, \$1.50 per 100; \$12 per 1,000. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2½-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS. 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.

CYCLAMEN.

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 2, 2½ and 2½-in. pots. \$3.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 2, 2½ and 2½-in. pots	\$10.00
Rose of Wandsbek, bright salmon, 2, 2½ and 2½-in. pots	12.00
Schoene Dresdenin, soft salmon rose, 2, 2½ and 2½-in. pots	12.00
Pearl of Zehlendorf, bright salmon rose, 2, 2½ and 2½-in. pots	13.00
Glory of Wandsbek, bright rose, 2, 2½ and 2½-in. pots	15.00
An assortment of the above nine varieties at \$11.00 per 100. Can be shipped from now on.	

ANTON SCHULTHEIS.

316 Nineteenth St., College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

DAHLIAS.

DAHLIAS. 20 best named varieties, strong, 2-inch pot plants, \$3.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Dahlia. For the best new and standard sorts address Peacock Dahlia Farms, Williams-town Junc., N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

ECHEVERIAS.

ECHEVERIAS. 3-in. pots, heavy plants, \$4 per 100. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Table Ferns, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Fancy ferns, galax and leucothoe, etc. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS. Extra strong 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vialud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator Rodgers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poltevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

ROOTED GERANIUM CUTTINGS.

	100	1,000
S. A. Nutt, dark red	\$1.25	\$12.00
Double Gen. Grant, bright red	1.25	10.00
Mme. Buchner, double white	1.25	10.00
Beaute Poltevine, Salmon pink	1.50	14.00
THE W. T. BUCKLEY CO., Springfield, Illinois.		

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Vialud and Gen. Grant, 4-in., \$7.00 per 100. \$65.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$4.00 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS., Ricard, S. A. Nutt, Jean Vialud, White Buchner 3½-in., 7c. White Buchner, 4-in., 8c. All good plants, bud and bloom. Cash with order. GUS SCHLEGEL, Olney, Ill.

NUTT GERANIUMS. 4-in. in bud and bloom at \$7.00 per 100. Cash please. Heitman-Oestreich Co., North Avenue and 55th St., Milwaukee, Wis.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

10,000 S. A. Nutt geraniums in bud and bloom, out of 3½ and 4-in. pots, good spaced stock, \$6 per 100. J. B. KNAPP, Sayre, Pa.

GERANIUMS, strong 4-in. pot plants, good assortment, \$6 per 100. F. Walker & Co., 312 W. Chestnut St., Louisville, Ky.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poltevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, out of 3½-in. pots, \$7 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

Geraniums in bloom, 7c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladiolus, sound bulbs, for late planting. America, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000; Chicago, 1st size, \$25 per 1,000; Augusta, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000. Mrs. Francis King, 1½-in., \$9 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

Heliotrope, 2½-in., purple in variety, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

HELIOTROPE, 2-in., strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

TRAILING LANTANAS, 4-in. pot plants, \$6 per 100. F. Walker & Co., 312 W. Chestnut St., Louisville, Ky.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley Pips, Holland grown, \$9 per 500; \$17 per 1,000; Danish grown, \$10.50 per 500, \$20 per 1,000. Vaughan's Seed Store, Chicago and New York.

Japan lilies, retarded bulbs from cold storage. For varieties and prices see advertisement elsewhere in this issue. A. T. Boddington Co., Inc., 128 Chambers St., N. Y.

Lily of the Valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, alternantheras, lemon verbenas, swainsona, ageratum, 6 varieties, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, Cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES, Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wycote, Pa.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 40th sts., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

PANSIES.

500,000 pansies, field-grown, in bud and bloom, mixed colors, \$1.25 per 100; \$10 per 1,000. Extra large plants, \$15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

Pansies, superb strain, fall transplanted, \$1.25 per 100; \$10 and \$15 per 1,000. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

PANSIES, transplanted seedlings, German Gold Medal strain, \$6.00 per 1,000; 75c per 100. ERNEST ROBER, Wilmette, Ill.

PANDANUS.

PANDANUS VEITCHII, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, ever-blooming class. Easter Greeting and its three sports, Lucy Becker, Swabian Maid and Wurtembergia, strong 2-in., \$8.00 per 100. We guarantee Swabian Maid and Wurtembergia to be equal to Easter Greeting if you get them true to name. We were the first to introduce the above four kinds in this country. Send for pelargonium catalog. F. H. DeWitt & Co., Wooster, O.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

PHLOX.

HARDY PHLOX, 20 best varieties, divided field clumps grown in 30-inch pots, dwarf and bushy, \$4.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA ORCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

Killarney	100	1,000
White Killarney	4.00	35.00
Sunburst	4.00	35.00
Richmond	5.00	40.00
Geo. Elgar (Baby Yellow)	3.00	25.00
	4.00	35.00

Extra strong 3½-inch plants.

Sunburst
 6.00 | 55.00 |

VIETOR BROTHERS.

L. D. Phone, Randolph 2081.

162 N. Wabash Ave.,

Chicago.

ROSES.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in. Grafted.	Own Rt.
Russell	1,000	1,000
Killarney	\$120.00	none
White Killarney	100.00	\$56.70
Killarney Brilliant	100.00	56.70
Ward	100.00	56.70
Milady	100.00	56.70
Richmond	100.00	56.70
Cecile Brunner	100.00	56.70
Elgar (special only)	100.00	56.70
Francis Scott Key	110.00	63.00

POEHLMANN BROS. CO., MORTON GROVE, ILLINOIS.

STRONG 2½-INCH ROSE PLANTS.

Pink Killarney	100	1,000
Richmond	\$2.50	\$20.00
Sunburst	4.00	35.00
Opheia	4.00	35.00

Bench Plants.

Sunburst	\$4.00	\$35.00
White Killarney	3.00	25.00

Good Stock—Order Early.

GEORGE REINBERG, 162 North Wabash Ave., Chicago, Ill.

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2½-in., Killarney, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

For Sale—3,000 Russell roses from bench, one year old. Suitable for lining out or rebenching. Mann & Brown, Richmond, Virginia.

Roses. Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Rose Tip Top (Baby Doll), strong 3½-inch at \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Penna.

Roses. Spring list. The Leedle Floral Co., Springfield, O.

SALVIA.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Splendens, out of 3½-in., \$5 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

SALVIA BONFIRE. Good plants, 2½-in., 2½c. Cash with order. GUS SCHLEGEL, Olney, Ill.

SALVIA SPLENDENS, 2½-in., \$3 per 100. F. Walker & Co., 312 W. Chestnut St., Louisville, Ky.

SALVIA, 3-in., St. Louis and Zurich, \$4 per 100. HARRY HEINL, West Toledo, O.

Salvia, Zurich, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

SEEDS, REGONIA—Luminosa, trade package, 50 each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash, please. ERNEST ROBER, Wilmette, Ill.

SEEDS.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, *Spencers, grandiflora*, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seed, Flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's Langport, Eng.

Seeds, Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds, Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed, Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

SWEET PEAS.

Winter Orchid Flowering Sweet Pea. New list will be ready in June; write for it. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

VEGETABLE PLANTS.

Fine field grown cabbage plants, \$1.00 per 1,000; 5,000, \$4.00; 10,000, \$7.50. Pepper, \$2.50. Sweet potato and cabbage, \$1.50 per 1,000; \$6.25 per 5,000. Well packed and satisfaction guaranteed anywhere. TIDEWATER PLANT CO., Box 58, Franklin, Va.

SWEET POTATO PLANTS, 3,000,000. Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nannybinder, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

Vegetable plants, cabbage and lettuce, \$1 per 1,000; 10,000 and over, 85¢ per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CELERY PLANTS. Golden self-blanching, (French strain), fine plants, ready for the field, \$2.00 per 1,000. Cash. Special prices on large lots. Brill Celery Gardens, Kalamazoo, Mich.

VERBENAS.

VERBENA. Good plants, 2½-in., in separate or mixed colors, 2¢. Cash with order. GUS SCHLEGEL, Olney, Ill.

VINCAS.

VARIEGATED VINCAS, strong 4-in. pot plants, long runners, \$8 per 100. F. Walker & Co., 312 W. Chestnut St., Louisville, Ky.

Vinca variegated, out of 4-in. pots, \$10 and \$12.50 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

PERIWINKLE, 2½-in., in bud and bloom, \$3 per 100, \$25 per 1,000. Harry Heintz, West Toledo, O.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegheny, N. Y.

VINCA VARIEGATA, 3-inch, 5¢; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Catalogs or catalog covers. Get our prices. Write for a copy of our 80-page stock catalog for nurserymen. Gillies Litho. & Printing Co., Rochester, N. Y.

Flowering and decorative plants. For varieties and prices see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, N. J.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

PERFECTION BRAND INSECTICIDES AND DISINFECTANTS. Write for prices. Perfection Chemical Co., Flushing, N. Y.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Boiler flues, cleaned and trimmed. Also Scuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorbam & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75¢, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues, Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

MISCELLANEOUS.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietach Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75¢ per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75¢ per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$1.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying; Apbis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, standard flower. Write for prices. A. F. Kohn, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35¢ per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway, Detroit, Mich.

Carnation staples, 35¢ per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35¢; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85¢; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60¢; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.



After using all other makes, Florists prefer our
PLANT STAND
 because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
 842 Grandy Ave., Detroit, Mich.

Mention the American Florist when writing

Boilers OF HIGH GRADE.... For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO., Utica, N. Y.**

Mention the American Florist when writing

Fort Wayne, Ind.

Weather conditions were favorable, stock was plentiful and the Memorial day trade this year proved much better than that of a year ago. Prices were good and the strong demand for magnolia wreaths was a feature.

NOTES.

The Flick Floral Co. had a splendid Memorial day call for wreaths, cut flowers and plants. The hydrangeas displayed here were exceptionally fine. A very striking window decoration for centennial week is attracting much attention. The forces at both the store and the greenhouses are kept busy with June weddings and planting.

A. J. Lanternier reports a splendid trade on Memorial day. At present his force is busy cutting thousands of carnations. He will have a booth at the Industrial exposition, in charge of Miss Irene Lanternier and an attractive display of bouquets, decorative plants and cut flowers will be made.

Many of the florists have arranged striking window displays for centennial week, one of the most attractive being that of the Doswell Floral Co. Miss Rhoda Doswell of this firm also had the order for the decoration of the bird room at the Woman's building, a very elaborate arrangement.

W. J. & M. S. Vesey report a very satisfactory Memorial day demand. They have been rushed for several weeks getting out an enormous amount of planting. They are now cutting a splendid lot of Cattleya gigas.

H. K.

Providence, R. I.

Trade during the past week has been brisk, stimulated by several funerals and a number of large weddings. Stock has been plentiful, but prices have been low on all lines. Carnations and roses are moving at low figures. Tulips are about done for.

Olney Williams is making some large cuts of carnations, but cleans up daily.

H. A. T.

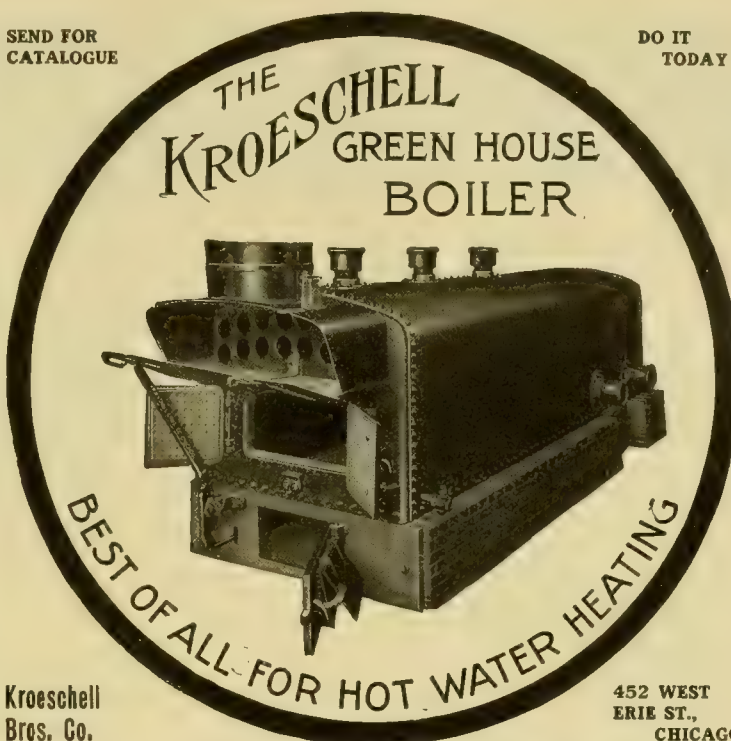
WORCESTER, MASS.—Chas. C. Nichols has taken charge of the greenhouses at the Lyman school.

FREDERICKTON, N. B.—John Bebbington & Son report that sales of cut flowers and designs during the past three months have broken all records. The Easter and Mothers' day demand exceeded all expectations.

DULUTH, MINN.—The city attorney has been authorized to settle a damage claim against the city by J. J. Leborious for \$4,250. The claim was for damages alleged to have been sustained by Mr. Leborious' greenhouses by reason of a broken gas main.

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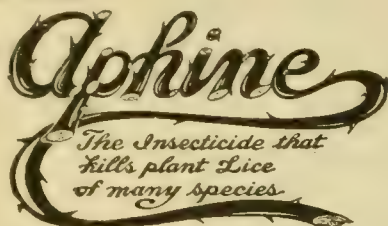
BRIDGEPORT, CONN.—James Horan & Co. have opened a branch at Fairfield avenue and Broad street.

MARLBORO, MASS.—Axel Sorenson has bought the Chestnut Place conservatories of W. L. Lewis.

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MADISON, N. J.**Hail at Fort Smith.**

We are indebted to J. F. Johnson & Co., well-known florists of Fort Smith, Ark., for additional details of the severe storm which visited that city, May 20, a brief report of which appeared in our issue of May 27, page 1010. The writer reports that the storm, which was the most severe in 20 years, caused damage in the locality which will run into many thousands of dollars. Tomatoes and cabbage suffered heavily. Three thousand John Baer tomato plants at the Johnson establishment were damaged so that further pickings could not be made for three weeks. The following glass loss is reported: J. F. Johnson & Co., 1,080 lights; Geo. Rye, 610 lights; Burley Johnson, about 25 per cent; Brockman's Flower Shop, 200 lights; Electric Park Greenhouses, about 25 per cent; Freeman, \$20; Cooney Wonch, \$30.

Hail at Kansas City.

A severe hailstorm, which visited the south and southeastern sections of this city, June 2, caused considerable damage to glass and to growing stock outside. Among the sufferers were the Bunker Hill Greenhouses and William Poith, who lost 300 lights and 250 lights respectively. Five hundred lights of glass were broken at the Martin Greenhouses at Shawnee, Kan. Considerable damage to vegetables is also reported.

EDGERTON, WIS.—B. C. Wilson has opened a flower shop at Main and Fulton streets.

BANGOR, ME.—Samuel R. Prentiss has been appointed park commissioner for this city.

MONTGOMERY, ALA.—H. R. Mitting, proprietor of the Morningview Floral Co., has filed a petition in bankruptcy. Liabilities are listed at \$6,729; assets growing stock on rented land.

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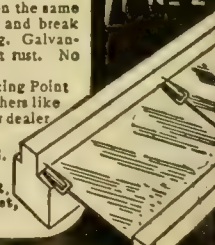
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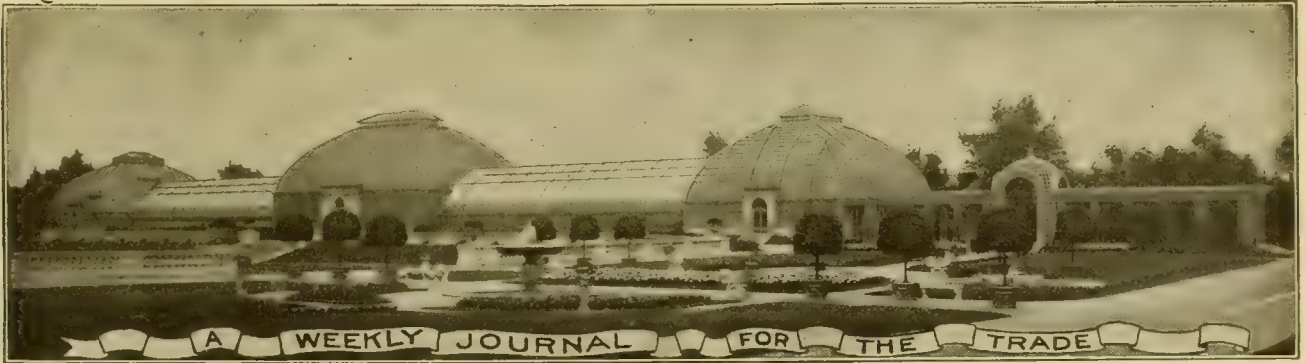
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Vol. XLVI.

CHICAGO AND NEW YORK, JUNE 17, 1916.

No. 1463

THE AMERICAN FLORIST

ESTABLISHED 1885.

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SUGGESTIONS FOR PLANT GROWERS.

Pot Grown Roses.

The hybrid perpetual or rambler roses after blooming if desired to force another year, in order to bloom them early should be grown in pots during the summer. They can be pruned back after blooming and lifted, or if in pots should be repotted. This will require a good, strong soil, composed of two-thirds loam and one-third manure. When potting be sure to give good drainage and pot firmly, ramming the soil down hard. It is impossible to grow roses successfully in a loose soil. The plants should be plunged to rim of the pot outside where they can be freely watered. Avoid, if possible, placing them against the greenhouse or other building or against a fence, but plant them where they will have a free circulation of air and can be sprayed from either side. If planted against a building or in close quarters, they frequently become infected with red spider during the hot weather and it is nearly impossible to get rid of them.

Asparagus Plumosus and Sprengeri.

It is a good time now to plant, reset or renew the soil of asparagus beds, either plumosus or Sprengeri. If the beds are to be set out with young stock preparation should be started at once. Asparagus plumosus does better in solid beds, well drained, with a good rich compost about two feet deep. The plants should be set 12 to 15 inches apart and the shoots be given strings upon which to climb as soon as they begin to grow. But little cutting should be done the first year as it is necessary that the plants become well established. The old beds should be given a good mulch of half-decayed manure, and if possible, without injury to the roots, removing the top soil. Asparagus Sprengeri can be successfully grown in the bench, but also requires a good rich soil. The young stock the first year should be planted 10 to 12 inches apart, and will produce many stems that can be cut. The beds that have produced this year will require a renewal of the soil. It is better to replant than to try to renew the

soil in the bench. The plants are great feeders and the bench is generally full of roots after a year's growth and it will be found difficult to keep the bench watered during the spring of the second year. If the plants are too close together they can be given more space in resetting. Good large plants will do better if set about 15 inches apart. If a mulch is attempted, care should be taken to use no fresh manure, but manure that is well rotted. The ammonia that arises from fresh manure will affect the plants, turning the foliage light, and in severe cases the foliage will become nearly white, making it worthless.

Mignonette.

To be able to cut fine spikes of mignonette in early winter will require an early start, and although it demands care and attention to germinate small seeds during hot weather, yet it will be necessary to sow seed early in July in order to have a cut in by the holiday season. A north propagating house is one of the best locations for the sowing of seeds in summer. Mignonette does not transplant from the seed flats successfully, so it is better to sow it in 2½-inch pots, five or six seeds to a pot, which can be thinned out to one or two plants as soon as they are large enough to select the strongest. Some growers prefer to sow the seed in hills in the bench, but to grow the large spikes of this flower requires a soil very heavily manured, and the constant watering often sours the soil before the plants have pushed out roots enough to absorb the water. As soon as the plants have attained a height of two or more inches the tip should be pinched or rubbed out, that the plant will branch, and again later these branches will have to be pinched off, until there are six or eight good, strong shoots. The plants will grow in most any kind of good soil, but to get the best the compost should be about one-half partly decayed manure well mixed in the soil and this will produce splendid spikes of bloom. After the plants begin to form their leaves a careful watch must be kept for the cabbage worm; these worms are very

fond of mignonette and are voracious eaters, and soon denude the plant. They are a little difficult to find, being of the same color as the leaf, but are generally found along the midrib of the leaf or on the stem. Growers who cultivate large quantities of this crop screen their ventilation with mosquito netting to keep out the moth which lays the eggs. The plants should be set about one foot apart in the bench and staked or tied in some suitable manner to keep the stems straight and erect.

Cyclamens.

The plants of cyclamen should now be growing rapidly, especially those which were grown from seed sown last fall. These plants should now be in four or five-inch pots and the foliage growing full and strong. If the plants are plunged in a frame, they should be lifted out of the soil occasionally to see that the drainage is not stopped up. There is nothing that will ruin a young growing cyclamen any quicker than to have the drainage get closed and have the soil become sodden with water. Angle worms will often cause this and if they are detected should be removed. It is very easy to find whether they are in the pots. If the soil on the top of the pot is rolled into small lumps it is a sure sign that there are worms in the soil. If there are but a few the plants can be knocked out of the pots and the worms removed; if there are many a watering of lime water will soon rid the soil of the worms. The plants that are in small pots should be potted up as fast as they require it that they may be as large as possible for the holiday season, but do not go to the other extreme and pot in too large pots. As soon as the roots get around the side of the pot shift them into the next size larger. If the plants are in the greenhouse a close watch for thrips must be kept during the summer. If the foliage is twisted when the leaf begins to unfold it is sure to be caused by insects and the plants should be sprayed with a nicotine solution. To have good plants for the holidays in full bloom they must be constantly watched and well grown.

Bougainvilleas.

The plants of bougainvilleas that are through blooming should be cut back into shape and potted in preparation for the next season's growth. Much depends upon the summer care of all hard-wooded stock if nice specimens are to be grown. They should be plunged outside in a frame or placed in full sun in a light airy house. Outside culture is far preferable for all this class of stock in order that a good strong growth, well furnished with foliage, may be assured. Be sure that they never get too dry. The great danger of all hard-wooded stock is letting it dry out, for it does not show it as quickly as the softer growing plants, but the check is more severe and the plants seldom fully recover from it. The young stock rooted earlier should be placed in a similar location, and kept well pinched back into shape, until enough shoots have been obtained to insure a good shapely plant, when they can be allowed to grow freely, but any extra strong leaders are better cut back during the season. Any chance flowers that show should be picked off at once, that a good strong stocky plant may be obtained and the strength all retained for that purpose.

Fancy Leaved Caladiums.

It will soon be found difficult to obtain the quality of flowers necessary to maintain a fine window display, so attractive plants will be required, and the show houses leading from the store or office will need something with bright color to attract attention. The fancy leaved caladiums are beautiful plants for this purpose, and should now be nice plants in four or five-inch pots. Nice plants can be grown in these sizes and they are easily arranged in a bed of green sheet moss and are very attractive. For the young stock now coming on a very light house is an absolute necessity to obtain the highly colored leaves, and almost a full exposure to the rays of the sun. While the plants delight in a moist atmosphere, this must not be obtained by heavy shading, but by frequent syringing and damping down



B. H. Farr, Wyomissing, Pa.
President American Peony Society.

the walks and under the benches. The temperature should be kept warm and close, never dropping below 60 degrees at night, even if a little fire heat is required. They will require copious watering to keep the beautiful leaves in good condition, and considerable feeding to bring the high colors and large, full leaves. Should flower buds form they should be immediately removed, for they will check the growth of the leaves.

Compost Pile.

The extra help that is so often employed during the spring trade can be utilized for a few days before they are let go, in getting together a good compost pile, and there is no better time of the year than the present to do this. The sod can be taken off now after the mowing with no great amount of grass upon it, and if stacked at this time the warm summer days will soon rot the sod and make the pile fine and mellow. So many growers will spend their money for coal and labor and skimp on that most necessary thing for good product, the soil upon which the plant depends for its culture, and again put the matter off until the fall when the days are cold, the soil too often full of moisture, and the hauling poor, which

makes the work more expensive and in the end not having as good an article for the succeeding year. It is not necessary to stack the manure with the pile at this time, but if ground bone is to be used it is better to sprinkle it into the pile now. Bone dissolves slowly and the earlier it is incorporated in the soil the better, and it also helps the rotting of the sod. Take advantage of the slack time with both the men and teams and get the compost pile up at once.

American Peony Society.

The annual meeting and exhibition of the American Peony Society was held, June 9-11, at the American Museum of Natural History, New York, in co-operation with the Horticultural Society of New York. The officers of the society were re-elected as follows: Bertrand H. Farr, Wyomissing, Pa., president; A. H. Fewkes, Newton Highlands, Mass., vice-president; A. P. Saunders, Clinton, N. Y., secretary; J. H. Humphreys, Chestnut Hill, Philadelphia, Pa., treasurer. James Boyd, Haverford, Pa., was chosen as a director to succeed John M. Good, whose term had expired.

THE AWARDS.

Collection of not less than 100 named varieties, one bloom of each—the society's gold medal and first prize to Bertrand H. Farr, Wyomissing, Pa.

Vase or basket of peonies, arranged for effect, not less than 100 blooms—Cottage Gardens Co., Queens, N. Y., 1st; B. H. Farr, 2nd.

Collection 25 varieties, double, 3 blooms each—George H. Peterson, Fair Lawn, N. J., 1st; Cottage Gardens Co., 2nd; B. H. Farr, 3rd.

Collection of Japanese varieties—B. H. Farr, 1st.

Twenty-five blooms, white or cream, double, one variety—S. G. Harris, Tarrytown, N. Y., 1st and 2nd; B. H. Farr, 3rd.

Twenty-five blooms light pink, or pink and cream, double, one variety—B. H. Farr, 1st; Cottage Gardens Co., 2nd; G. H. Peterson, 3rd.

Twenty-five blooms, dark pink, double, one variety—Cottage Gardens Co., 1st; S. G. Harris, 2nd; B. H. Farr, 3rd.

Twenty-five blooms, red or crimson, double, one variety—Cottage Gardens Co., 1st; B. H. Farr, 2nd.

Six specimen blooms, double, one variety—G. H. Peterson, 1st; S. G. Harris, 2nd.

One specimen bloom, double, any variety—B. H. Farr, 1st; G. H. Peterson, 2nd; S. G. Harris, 3rd.

Largest and best collection, one bloom of each, society's silver medal and first prize—James Boyd, Haverford, Pa.

Collection of 10 varieties, double, three blooms each—A. L. Gifford, New York, 1st.

Collection of single and Japanese varieties—A. P. Saunders, Clinton, N. J., 2nd.

Collection of white varieties, double, one bloom each—A. L. Gifford, 2nd.

Collection of light pink or pink and cream varieties, double, one bloom each—James Boyd, 1st; A. L. Gifford, 2nd.

Collection of dark pink varieties, double, one bloom each—A. L. Gifford, 1st.

Collection of red or crimson varieties, double, one bloom each—A. L. Gifford, 2nd.

A. F. F.



J. H. SMALL & SONS' NEW STORE, NEW YORK.

John Henry Small to Left, Chas. Albert Small to Right.

THE ROSE.

Planting.

It is very essential to finish up about all of the planting during the month of June. If the stock is to be planted on raised benches, the houses should undergo a thorough cleaning, especially if the tables have been used. After removing the old plants and soil, clean out under the tables and then wash off the bench boards with the hose, after which give them a good coat of whitewash. Of course, the necessary repairs should be made, removing any of the doubtful looking material that apparently would not last through another season. The benches should have a depth of six inches, and when filling them, if they are filled level full, and the soil firmed, it will bring the depth of the soil to about five inches, which will be found about right. Do not plant in wet soil, for it will not get into the proper condition afterwards. The soil should be fairly moist, just enough so that it will pack nicely. Be sure that there is sufficient drainage by placing the bottom boards three-quarters of an inch apart.

One of the most durable benches and a very satisfactory one in every way is made as follows: Place two rows of bricks, four feet apart running the length of the house, resting on the grade line. They should set back four inches further than the outside of the finished bench, as the bottom boards of the bench should have a four-inch overhang, the boards being placed crosswise the bench. Place a row of

2x3 scantling on top of each row of bricks the full length of the house, and see that the joints are placed in the center of a brick. Now cut the bench legs the proper height and nail them every four feet on your foundation scantling. The legs should be made of 2x3 scantling also. Now place another run of scantling over the legs and tack a four-foot board about every eight or 10 feet to the two top scantlings to steady the frame. Make a mark with lead pencil four inches from the ends of each board and nail temporarily so the mark will come fair with the outside edge of scantling. In order to steady the frame work, a three-inch wide strip should be nailed to every other bench leg; nail the first piece to the top of one leg across to the bottom of the one opposite; skip a leg and reverse the strip on the next two posts and so on down the line. You are now ready for the bottom boards. Run a chalk line four inches away from the outside edge of scantling on one side; draw very tight and have it elevated so as to just clear the boards as they are nailed on. Make a gauge four feet long, two inches wide and three-quarters of an inch thick for spacing the boards for drainage, and after nailing on the bottom boards, the sides should be placed on top of the bottom board at the outside edge and nailed from underneath, using six-inch wide siding. We use fencing boards for sides and pecky cypress bottom boards, with scantling of cypress or Georgia pine. The bottom runners of 2x3-inch scantling may seem only an extra expense, as many florists place the legs of the bench on a brick without the runners, but we

feel assured that it is so far superior to the latter method that when used once it will be used always.

But to return to the planting. Great care should be used when knocking out the plants to look over each plant (especially the grafted ones) and see to it that the union is perfect, and when selecting the own root stock do not plant any "black legs" (stems that have black spots or circles around them), nor the streaked foliage plants. One should always have sufficient stock of each variety to make the selection of good stock a certainty. After the benches or beds have been filled with soil even with the sides, they should be tramped down by merely walking on the surface; walk naturally and do not try to pack it by exerting any extra pressure with the feet. After tramping, level off the surface carefully with the hands and then lay off the rows lengthwise the bed. To do this properly take a stick 1x2 inches and about 10 inches longer than the width of the bed and place a 10-penny wire nail five inches from one end. This will act as a guide and should be on the outside of the bed and held there when drawing the strip along as a marker. The other nails to be spaced one for each row. The two outside rows should be about five inches from the outside edges of the beds. The distance between these rows is equally divided. With a man on each side of the table or bed, the marker can be drawn the full length of the bed laying off 3x4 or three rows at one time. We strongly advocate the three-row and four-row to the bed system; five rows make a very unhandy bed to care for, and the center row is usually a very poorly developed

lot of plants throughout the season. Nearly all of the indoor forcing roses can be planted about 15 inches apart in the row, except American Beauty or Radiance. The former should be about 20 inches apart and the latter about 18 inches. When planting the grafted stocks, see that the union or splice will be covered by the soil when the beds are leveled off. We have always found it an excellent plan to pack the soil firmly around each plant, leaving a saucer-like depression at each plant; this makes it possible to water each plant individually if necessary, and it also leaves a quantity of absolutely fresh soil between the plants for the formation of new roots when the soil is finally leveled, which usually takes from two to four weeks from the time they are planted. If the plants take hold good, the saucers can be filled in, usually after the second weeding of the beds. Do not let the soil between the plants become dry, but allow enough water daily to keep the surface moist; otherwise there will be too little humidity in the house for a good growing condition, and very often the foliage will burn. Stake the grafted plants immediately after planting, or many will become separated or partly so by syringing, and it is a good plan to stake all of the stock as soon after planting as possible as the only means we have to keep them clean is by spraying with the hose. They can not be sprayed properly if lying around wallowing on the soil. When watering the young stock allow them just enough so they should require a little daily. Do not keep them too wet at the start. E.

Wages Paid on Danish Farms.

The leading industry in Denmark is agriculture. The general average in money payments to the workers during 1915 was \$121 per annum to the men and \$72 to the women. Board and lodging are furnished by the employers. These wages are the highest ever paid in Denmark for farm labor and the year may be considered to have been a banner one for wage earners living on farms. During the last five years wages paid to male and female farm workers have increased about 15 and 20 per cent, respectively. Day farm laborers receive on an average \$0.93 per day and women day workers \$0.69. These figures are about 20 per cent higher than five years ago. The hours of labor are about 9.6 a day during the spring and summer. In the fall 9.9 hours are the rule, while in the winter only 8.1 hours are demanded. As compared with five years ago the day's labor has been shortened one-third of an hour.

Cyclone at Jackson, Miss.

The accompanying illustration shows the wrecked greenhouses of the J. V. McKay Floral Co., Jackson, Miss., after the cyclone of June 6, which swept that city from one end to the other. Hundreds of homes were leveled, 13 persons were killed and 65 injured.

ST. PAUL, MINN.—The Minnesota State Horticultural Association, and its auxiliaries, the Minnesota State Florists' Association, the Minnesota State Garden Society and the Minnesota State Bee Keepers' Association, will hold a joint meeting at the state farm, June 23.

CHRYSANTHEMUMS

Specimen Plants.

These plants should now be ready to be given their final potting, the size of the pots to be governed according to the present size and condition of the plants. Chrysanthemum plants require a large size pot for growing into very large specimens, but unless the plants have been grown along with the object in view of making large plants, and have now attained size enough to need a large pot, it will be safer to use a smaller size. Overpotting is a detriment in more ways than one: First, unless the plants are large enough to get control of the soil quickly, there is danger of the soil becoming sour, causing the roots to rot and making an end to the plant as a fine specimen. Secondly, when the roots have an overabundance of soil to work in, the shoots become too long-jointed so that it is hard to keep the plants dwarf and of good form. Thirdly, too much root space delays the ripening of the wood, preventing the taking of the buds on time, consequently the flowers will be late in maturing as well as being under size and not true to the form of the variety. It is the same with these large specimens as it is with the single stem plants for cut blooms; the wood must be well ripened to get the best out of them that is possible.

SOIL.

Chrysanthemums grown in pots, whether as specimen bush or standard plants, need a rich soil, not too light, but heavy enough to give the roots strength to work through it—a coarse soil is also better suited to them than a fine one. Make up a compost of one part well rotted manure to three parts loam sod soil, add to this some coarse bone and lime rubble and a four-inch pot full of Clay's fertilizer to each wheel-barrow load of soil. If there is one thing more particular than another

frequent syringings until the soil shows the need of watering again. As soon as the roots have taken well hold of the soil the plants will need frequent waterings, but one of the secrets in growing fine specimen chrysanthemums is to allow the soil to dry out well between each watering and then water thoroughly.

STAKING AND TRAINING.

The staking and training out of the branches should start with the final potting of these plants. A main support should be given the main stem of the plant, then support the other branches as they need it until the plants attain size when it becomes necessary to put on the wire rings or other supports. Plenty of room must be given the plants to enable the grower to work around them at all times as well as to allow a free circulation of air to keep the plants in good health and foliage. C. W. JOHNSON.

Prospect Park, Brooklyn, N. Y.

Visitors to New York, if they are not entirely dazzled by the allurements of the "Great White Way" and Coney Island, should visit Prospect park and June is a good month for a visit. The horticultural attractions are many and varied and there are other attractions that may be hereafter noted. The topography of the park, with its gentle declivities rich in trees and flowering shrubs, its beautiful grassy vales and dells, and its miniature lakes form many scenes worthy of an artist's brush.

At the time of our last visit, June 8, there was a grand display of blooming rhododendrons. In the planting, these have been distributed in various sections of the park. The most prominent display was on the slopes of a dell which has been named the "Vale of Cashmere." Here were thickets of rhododendrons from two to ten feet in height, well branched and beautifully flowered. Near at hand is the "rose garden," which is well laid out and contains the best varieties. In an-



McKAY FLORAL CO.'S GREENHOUSES, JACKSON, MISS., AFTER CYCLONE.

to be sure about when potting these large plants, it is to allow them plenty of drainage, so that the water will pass freely through the soil. Pot firmly, using a ramming stick for the operation. After potting the greatest care must be exercised as regards watering, so that the soil does not become sodden before the roots have a chance to get hold of it. Water so as to settle the soil, then apply moisture by

other section of the park the "flower garden" is located. Here is found a very great variety of hardy herbaceous flowering plants, and at the time of our visit the peonies and irises were very attractive.

Near the flower garden is a valley, that of itself is a noteworthy attraction. At the foot of the slopes leading to it there was a great wealth of rhododendrons of smaller growth than



CALCEOLARIAS AT THE BOSTON SPRING SHOW, MAY 10-14.

those previously mentioned, but showing great masses of bloom. We would call a part of this valley a happy combination of natural and formal gardening. The natural features are a number of large oriental sycamores, almost giants in fact, with trunks two feet or more in diameter. These great trees shade a smooth and grassy lawn.

The formal feature is in the form of a square, around which have been placed statue-busts of Mozart, Beethoven and other men noted in music and poetry. There is also near at hand a fine statue of Abraham Lincoln. This garden was not at its best when we visited it, as the cold season had prevented the planting of tender stock in the beds and vases. There was, however, a fine display of pansies and English daisies.

A noteworthy feature of this park is the number and variety of fine trees. Prominent are the red and silver maples, the white and black oaks, hickories, sweet birches and *Cladrastris lutea* or yellow wood, the gracefully drooping flowers of which are attractive in any location. In another section there is a pastoral scene, a flock of sheep guarded by a Scotch shepherd.

There is also a menagerie. It is probable that the unfortunate animals condemned to captivity are as well off in a park as they would be, confined in any other place, but they are not happy. While it may be revolutionary doctrine, we would be glad to see all menageries abolished. "Studying the habits" of animals in captivity is a stock phrase that has no meaning. Trying to get out is the most noteworthy habit of most of them, and who can blame them? A. F. F.

THE CARNATION.

Care of the Plants.

The field plants are now in good growth, being stronger than usual at this early date. It has been a good growing season for them, and unless the weather becomes extremely hot and dry, we ought to have some fine plants for housing by the end of July. The fight is on to keep the land clear of weeds and last year's experience of many growers should be a guide to get the best of the weed crop early enough in the season to prevent them choking out the plants, then if the weather continues to be very wet the weeds will not have a chance to overgrow the carnation plants as was the case last year on many places.

The Planet, Jr., hand cultivator, is one of the most useful implements used in the field culture of carnations; especially to the grower who grows a moderate number of plants its continual use saves a lot of hoeing as well as keeping the surface soil of the land open, which is very beneficial to the plants. After the land has been hoed over a time or two to clear it of the weeds, it should be cultivated at least once a week and as soon as it dries out after heavy rains by doing this, the surface soil is kept open and the moisture conserved at the roots of the plants.

Next winter's crop depends greatly on the careful attention given the plants as regards the topping of the growths during the summer months, especially while the plants are in the field and every shoot that they can be

encouraged to make, means additional flowers when the season for blooming comes around. From now on until the plants are lifted for housing, it will be necessary to attend to the topping once a week or oftener; all the shoots cannot be topped at one time—some that are not ready one day may need looking after a few days later. Always be sure and make a clean pinch of the topping so that the remaining shoot on the plant is not damaged.

Any of the plants in the houses that are through blooming and are no longer profitable enough to be cared for, should be cleaned out to prevent them becoming infested with red spider or thrips. The plants that are worth caring for should receive the necessary care to keep them in good condition; daily watering and syringing will have to be the rule during hot, bright weather as well as full ventilation both night and day. A little extra shade on the glass will help to keep the flowers of good quality for a few weeks yet. Benches where the plants are finished can be cleaned and repaired in readiness for the time of lifting again.

The grower to be successful with indoor culture must get his plants planted into their permanent quarters without delay. The preparation of the houses and benches should be as thorough as for the field plants and the best carnation soil provided, making sure that it does not contain green animal manure—well rotted material only should be used. Plant 10 inches apart each way or as close as the support rings will allow. Indoor grown plants do not grow as bushy as those from the field, consequently they will stand closer planting. Plant firmly and

pay close attention to the watering, which should be done with the aim of allowing the roots some fresh soil to work in all the time until thoroughly established. At first water the soil at the base of the plants only, syringing two or three times a day during hot weather to form a damp atmosphere, then as the plants become more established a more general watering of the soil can be given. The plants require full sunlight from the start, with plenty of ventilation day and night and close attention to surface scratchings of the beds to keep the soil open and sweet. C. W. JOHNSON.

WITH THE GROWERS

Gude Bros. Co., Inc., Washington, D. C.

One of the largest establishments in the east for the growing of cut flowers and plants is that of the Gude Bros. Co., Inc., at Washington, D. C. They have two ranges; the first was started in Anacostia, a suburb of Washington, in 1887, and the Mount Olivet extension, a place of nine acres, was purchased from the Strauss estate, about five years ago. On the latter were the houses of the American Rose Company, but so far gone that new and more modern structures took their place. The entire amount of glass is about 350,000 feet, all of which, with the exception of one of the original Anacostia sections, which is to be torn down and renewed this summer, is filled with stock that for the season of the year is in splendid condition. Almost everything in cut flowers and plants that is used in a retail store is grown here and sold at both wholesale and retail through their immense store at Thirteenth and F streets. One marvels at the variety seen here and the quantity in which some of the stock is grown. Roses may be said to be the feature and American Beauties are cut the year round, but the plants are never allowed to go more than one year, renewals being made from the last of May on, until the houses are all replenished. The first house was set out about May 20, and they will commence to cut from these in August. Black spot is their worst enemy; a new house with fresh beds, all fine plants, given in charge of their best American Beauty grower, at one time developed one of the worst cases of this trouble they ever had. Too much water in dull weather, and carelessness with heat and air, is supposed to cause black spot, but this time they were at a loss to account for it and had to nurse the plants along until they recovered. Twenty-five thousand American Beauties, 10,000 Mock and about the same of Radiance, in addition to Sunset, Ophelia, Mrs. Ward, White Killarney, double and single, Cecile Brunner, Richmond, Maryland, and a house of John Cook's Enchantress, a fine pink not generally known, and others were seen here. Mr. Gude says Radiance is their best money-getter, with Mock a close second. Red Radiance, which sported with them, is also thought to be a good one.

Carnations are the next quantity crop, some 40,000 plants, and all appear to like the soil and climate, they do so well. Sweet peas are also a feature; they are given houses to themselves and grown along with carnations. They are planted in rows across

five to six-foot beds and a light, fence-like scaffolding, the length of the house, either side of the walks affords support for a moveable board used by the men when picking. This is more stable than a stepladder, and being in between the rows, every flower is in sight and easily reached. Orchid varieties only are grown and pickings are made from the same plants commencing in November and continuing until after Easter. Plenty of fire and air was the remedy for buds dropping. New stock for summer picking was well up; as many as 80 varieties were grown last season. Gardenias are grown here in quantity and do well. There was no particular secret about this—they should have heat enough and not subjected to too violent changes of temperature. It is hard in dull, dark winter days to hold all the buds, but until the sun can be controlled, and there being no Joshuas in sight, losses from this trouble will occur.

Violets are also one of the staples, quantities being required when in season, but they were now making way for inside asters and pot cyclamens, which they will follow in the fall. Chrysanthemums take the place of the sweet peas—this firm's business calls for an immense cutting in all grades. Nelrose snapdragons and Machet mignonette are their varieties of these popular flowers—they are the "cut and come again" kind. What might be called novelties were a few large plants of a double white jessamine, which gave them "orange" flowers and sprays nearly all the year around. Stephanotis, a house of lovely vines, full of flowers, was also a feature. This was on a pipe frame support some four feet in height, the vines making a top covering of about four feet in width; there was possibly 75 to 100 feet of it, from which a bushel or more of flowers could be cut at any time during summer. Ferns, whole houses of them, including all kinds of nephrolepis, and cibotiums, both for sale and decorating, also palms galore and houses of asparagus for cutting, were in evidence. Christmas and Easter plants are specialties in their season; just one item, 18,000 pots of Easter lilies were just right for last Easter and everything else for these seasons is done in proportion on the same gigantic scale. Begonias, cyclamens and poinsettias give color to the Christmas holidays. Callas are seen all winter, any quantity of them, and for cutting now, as fine gladioli as seen anywhere are here.

The new houses at the Mount Olivet establishment are well worthy of mention. They have cement walls, continuous side ventilation from windows hinged at the top; they are three-quarter span, 18 feet to ridge, 23 at back, 40 in front and all are 56 feet wide and 360 in length, built economically, but strong in all essential parts—they should last a life time. A field of peonies has been a money-maker this year, as on account of the backward spring, an eager northern market took all they did not need for the store. A block of white altheas for summer blooms was found very useful—the loose flowers were sent in by the bushel, while cut sprays, like miniature hollyhocks, were very desirable for sprays and decorations.

Adolph Gude is the genius in the greenhouses. A splendid system prevails here, the various blocks of houses

being given in charge of men best qualified to get results from the different plants in their care. Adolph Gude first sold his stock in the Center market, but as the business grew, he took in his brother, William F., who has so ably managed the selling end. On opening their F street store, the business took on a boom that has kept bounding along, gaining each year, until now they require a force of 40 employees in the store alone to try and keep up with its momentum. K.

Hybrid Lilies.

The appearance of a good hybrid lily (Amos Perry) at the recent Holland House show is sufficiently rare to call for a few general remarks on hybrid lilies. Some very fine and interesting crosses have been obtained, but the bulbs, in a few cases at least, have been wanting in constitution, so that instead of becoming permanent occupants of our gardens, they have in time died out.

A case in point is furnished by *Lilium Parkmannii*, a hybrid lily, which in its day aroused a great amount of interest. It was raised in the United States of America by a Mr. Parkman, and is said to have resulted from the crossing of *L. auratum* and a deep-colored variety of *L. speciosum*, the latter being the seed parent. Some 50 seedlings were obtained, but only one proved to be distinct from *L. speciosum*. This one, which first flowered in 1869, partook greatly of the character of *L. auratum*, with a good deal of the color of the best form of *rubro-vittatum* or *cruentum*. To this fine lily the name of *Parkmannii* was given, in honor of the raiser thereof. Working up a stock was, of course, a slow process, so that it did not cross the Atlantic for some years. When it did so, however, the entire stock passed into the hands of Anthony Waterer of the Knap Hill Nurseries, whence it was several times exhibited, and August 24, 1880, was given a first-class certificate by the Royal Horticultural Society. It would, however, appear to have inherited some of the erratic character of *L. auratum* itself, for it gradually weakened, and in time died out altogether. I have a note of seeing it at one of the meetings of the Royal Horticultural Society in 1890, but do not remember seeing it since. Some years ago, on application to the firm, I was courteously informed that, as far as they knew, it was quite lost to cultivation.

L. kewense is another hybrid lily that must, I think, be now spoken of in the past tense. This was an exceedingly interesting lily, though not particularly showy, at least in the same sense as *L. Parkmannii*. The parents of *L. kewense* were *L. Henryii* and *L. Brownii* Chloraster, this last being the seed bearer. Strange to say, the flowers were a good deal like those of a small *L. auratum*, being of a creamy white, becoming paler with age, and having a suspicion of yellow down the centre of each petal. This was raised from seed, the result of a cross made in 1897, and the first flower opened three years later.

Of hybrid lilies that have come to stay, and which are now well distributed in gardens, may be mentioned *L. Marhan* and its improved form *Ellen Willmott*. *L. Marhan* is the result of

crossing *L. Martagon album* with the Japanese *L. Hansonii*, both of which are among the most desirable of our garden lilies. In *L. Marhan* the flowers are of a clear orange yellow, with reddish brown spots and streaks. An older hybrid, in the production of which *L. Hansonii* played a part, is *L. Dalhansonii*, the other parent being the dark-colored form of *Martagon* known as *dalmaticum*. In this the main characters of the parents are blended in a curious way, the color being yellow, heavily clouded with reddish brown. This has certainly become scarcer of late years. Though the early history of one of the finest of all outdoor lilies, *L. testaceum*, known also as *L. excelsum*, is unknown, it is commonly regarded as a hybrid between *L. candidum* (Madonna lily) and *L. chalcedonicum* (Scarlet Turk's-cap). It appears to have made its way to this country from Erfurt in the forties of the last century, since when it has become a permanent occupant of our gardens. It is a vigorous-growing yet exceedingly graceful species, whose color is well expressed by its popular name of the Nankeen lily. The bright red anthers afford a marked contrast to the rest of the flower.

L. Beerensii is a very pretty hybrid lily that I saw in flower at Messrs. Ware's just 20 years ago. It was the result of a cross between *L. chalcedonicum* and *L. testaceum*. The flowers were about the size of the last named, but of a brighter tone of color. I have not seen *L. Beerensii* since, but a friend tells me he flowered the same cross last year, and that it quite agreed with my description of two decades since.

There is but little doubt that the members of the *Isolirion*, or upright-flowered, group cross with each other. At all events, some of the garden forms appear to me to be of mixed parentage.

L. Golden Gleam, which came to us from across the Atlantic, is said to be the result of a cross between *L. tenuifolium* and one of the *Martagons*. Though showing a considerable leaning to *L. tenuifolium*, it is more floriferous and robust, while the elegantly reflexed flowers sold are of a pure apricot yellow color.

Under the name of *L. Burbankii* a mixed lot of lilies was sent here from America about 15 years ago. Traces of *L. pardalinum*, *L. Parryii*, *L. superbum* and *L. Washingtonianum* may be found among them. Some are really good, but they should have been selected before they were put into commerce.

The last to refer to is that mentioned at the head of this article, namely, *Amos Perry*, which was raised from *L. Parryii* and *L. Humboldtii magnifica*. It shows, perhaps, more of the influence of the last-named parent, but the part played by *L. Parryii* is also markedly evident. The flowers are of a rich golden yellow color, spotted inside with crimson. In the whorl-like arrangement of the leaves this hybrid resembles *L. Humboldtii*.

The foregoing does not profess to be a complete account of the different hybrid lilies, but simply a few disconnected notes on some of the most important of those that have at one time or another come under my notice. —H. P. in the London Garden.

The Late Nicholas Kruchten, Jr.

Nicholas Kruchten Jr., member of the firm of John Kruchten Co., wholesale florists, 162 North Wabash avenue, Chicago, was killed and two of his friends were severely injured, Tuesday evening, June 13, about 8 o'clock, when the automobile, in which they were riding, struck a small piece of timber which protruded from the east approach of the Lawrence avenue bridge. The car turned in a half circle and overturned with a crash which was heard by many of the residents in the vicinity. Officials and children of the Harrison orphanage home near by heard the cries of the men under the car and went to their aid and took them immediately to the Swedish Covenant hospital, but Mr. Kruchten died just as he was being placed on the operating table. He was 29 years of age, married, and is a son of Mr. and Mrs. Nicholas Kruchten, the well known carnation grower at 5308 North Western avenue and a brother of John, Henry, Charles and Joseph. He was married a few years ago and leaves a widow but no children. He came from a family of well known and respected florists and had a host of friends in the trade who cannot seem to realize that he has passed from their midst. The funeral will be held from the home of his father at 5727 North Western avenue, Friday, June 16, at 2:30 p. m.

Is City Population Superior?

O. F. Cook, Bureau of Plant Industry, Washington, D. C., in the Journal of Heredity for June, 1916.

Instead of being composed of naturally inferior stocks, city populations are probably superior to the residual population of the rural districts. The general tendency in each generation is for the best of the rural population, the most energetic and capable, to be drawn to the city. If city populations average better in some respects, as statisticians have claimed, this does not prove that the city is a better place to live, but only shows the more definitely that the drain of the city is a menace to the race in sterilizing and destroying the superior elements of the population. The aggregate losses are probably much more serious than those caused by war, because more general and continuous.

If the time has really come for the consideration of practical eugenic measures, here is a place to begin, a subject worthy of the most careful study—how to rearrange our social and economic system so that more of the superior members of our race will stay on the land and raise families, instead of moving to the city and remaining unmarried or childless, or allowing their children to grow up in unfavorable urban environments that mean deterioration and extinction.

Until recently cities have been distinctly in advance of any of the rural districts, not only in holding out greater inducements in the way of income, but in many other ways. Not only schools for the children, but many other conveniences, luxuries, pastimes, and amusements are supplied in cities much more easily and abundantly than in the country. But it must not be taken for granted that all of these things are as desirable or as necessary as they seem to be to people who have become accustomed to city life. Comfort should not be confused with civilization, as Disraeli pointed out. Living easily is not necessarily living well, or in a way that will give the most satisfaction to the individual or contribute most to the progress of the

race. Most of the people who really want to live want to live in the country. Those who are intent upon some special pursuit of wealth or pleasure or freedom from responsibility must hold to the city as the only place to follow the courses they have chosen. But these professional urbanites are attempting to grasp a small part of life without feeling the need or accepting the responsibility of a complete existence. Certainly they do not represent the permanent nucleus or germ plasm of the race, the seed of the future that should demand the primary consideration of the eugenicist.

The Houston Convention.

The southern florists are alive to the importance of the meeting of the convention of the S. A. F. in the south this summer. We will avail ourselves and take advantage of the opportunity of discussing such questions as will promote horticulture in general. We realize the great possibilities that lie before the southern horticulturists for development of our profession. We also realize the wonderful amount of good to be derived from the members of this organization in our midst, which will be a wonderful stimulant and of great help to the southern florists in discussing such matters as will tend to promote the cause of horticulture in the south.

On the other hand, we believe that the coming of the many members of the S. A. F. from other sections to the south will be of great interest to them, as they will have an insight into the possibilities that lie before the southern florists, and will, therefore, lay their plans to co-operate with us in the development of this section of the country.

But, why should we lay aside the important business of this society at the Houston convention? We will have a large delegation from other sections, together with a record-breaking delegation from the south, who have the interest of this society at heart and are thoroughly familiar with the detail work of this organization, and are thoroughly prepared to vote on such matters as are of interest to the society. Time is not so short but what we will be able to take up these questions and vote upon them intelligently. The membership will be a representative one, and there is no doubt in my mind but that it is only right and proper that these questions should be taken up at this time as they are scheduled.

There was a feeling at the time the convention went to San Francisco that possibly the western members would take matters in their own hands, and vote upon such matters as would be to their own interest, and possibly not to the interest of the society as a whole. It was demonstrated at the San Francisco convention that the "western boys" had the interest of the society at heart, and did not make any attempt at railroad matters to their own selfish interest. You may expect the same at the Houston convention.

The society may expect the southern members to use their best judgment, and will all vote in such manner as will be of interest to the society as a whole. I want to state here that insofar as I am personally concerned, I expect to work diligently to this end, and I believe there will be no opposition from the other members along these lines. Any attempt to table such questions as are scheduled for this meeting will certainly be fought to the limit.

R. C. KERR,
Vice-President S. A. F.

PARKERSBURG, W. VA.—Gus Obermeyer, well known florist, is ill at St. Joseph's hospital.

NORWICH, N. Y.—A petition in bankruptcy has been filed by Walter N. Lockrow, florist, with liabilities of \$1,286; assets, \$835.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE date selected for the annual exhibition of the American Sweet Pea Society, at Bar Harbor, Me., is July 15-16 with a very fine schedule, copies of which may be had on application to Secretary Harry A. Bunyard, 40 West Twenty-eighth street, New York.

Personal.

J. F. Sullivan, of Detroit, Mich., attended the political conventions at Chicago last week with his brothers, Mark Sullivan, the well known editor of Collier's Weekly and Thomas Sullivan, dye merchant of Philadelphia, Pa.

Prof. Arno H. Nehrling, of the department of horticulture at the Massachusetts Agricultural College, Amherst, and Miss Ada Kathryn Joseph, of Jasper, Ind., will be married at South Bend, Ind., June 29.

Ithaca Rose Test Garden.

The rose test garden established at Cornell University, Ithaca, N. Y., will be opened for judging by the American Rose Society, Thursday, June 22. Members of the society are invited to assemble in the offices of the department of horticulture in Roberts hall and go from there to the rose garden. The Syracuse Rose Society is making plans to attend in a body. A cordial invitation is extended to all to be present. BENJAMIN HAMMOND, Sec'y.

Washington Representative Busy.

William F. Gude, Washington representative of the Society of American Florists, chairman of the executive committee of the preparedness parade to be held in the national capital on Flag day, June 14, has secured the passage through the senate of a bill making Flag day a national holiday in the capital. He also secured the passage through the same body of a bill giving the committee the right to erect stands and rope off Pennsylvania avenue for the parade, which will be reviewed by President Wilson, who informed Mr. Gude that he would be glad to review the parade and will march at the head of the column from the Peace monument to the reviewing stand.

National Flower Show Dividend.

We have received the following from Chairman Asmus, of the National Flower Show Committee, June 9, with check for amount paid on guarantee fund call and dividend for the amount subscribed to the guarantee fund:

"The very gratifying results of the recent Fourth National Flower Show at Philadelphia have enabled the committee, in behalf of the Society of American Florists, to return to the guarantors a 10 per cent profit on the full amount of money subscribed to the guarantee fund, instead of 10 per cent of the amount paid as per call.

"The immensity of the National Flower Show was such that we feel that thanks are due you as one of its supporters, and surely the object is being achieved when 100,000 people view the fruits of skill and labor of America's most prominent growers and merchants.

"Philadelphia has received a horticultural benefit, which could not be had by any other means. One half million lines of reading matter were published in the newspapers and magazines, besides the paid advertising. More people paid admission to this show than at any two flower shows ever held in this country."

Carnations in England.

With reference to Market Grower's selection of carnations, I quite agree with most of the sorts recommended, but there are a few points that no market grower, still less a private gardener, should overlook, says a writer in the Gardeners' Chronicle, of London, Eng. For instance, your correspondent says that May Day is the best of its color, but I think that it would be difficult to find first quality flowers of this variety after, say, the middle of December and from that time until March, I consider Enchantress Supreme a much better variety. An improved May Day is illustrated in the Gardeners' Chronicle, Dec. 18, 1915, p. 383. It is, however, in the matter of white varieties that I chiefly disagree with your corre-

spondent. By universal consent White Wonder is the best white, taking habit into consideration. Individual flowers of White Perfection are sometimes of a little better quality, but this variety is not so free, and produces a number of second quality blooms. The pure white strain of White Enchantress comes a good second. Snowstorm is worthy of attention on account of its delicious perfume, and a two-year plant gives excellent blooms. For a private grower Mrs. Lloyd Wigg is eminently desirable on account of its large size and delicious perfume. I would place the selection of your correspondent, viz., Wivelsfield White, behind all these. I have found it soft, and it produces too many second quality blooms. As to mauves, I believe that the best all-round variety is Circe. This makes a good plant, is free, and very large. It is very reliable in mid-winter.

Mothers' Day Prices.

ED. AMERICAN FLORIST:

In your issue of June 3, page 1040, I note the short article under the above head, taken from the Minneapolis Tribune of May 22.

I believe there is a great deal of truth in the statement and the trade would do well to take due notice of that phase of the Mothers' day question. I can speak from experience. I sent to one of our growers for two dozen carnations and he asked \$3 for a dozen, or 25 cents apiece. He said he could get the price and would not sell for less. This undoubtedly is an exceptional case, but if the growers and florists in general should be inclined to follow such examples of commercial greed, the white ribbon theory of the correspondent of the Tribune will surely find support, not only to the loss of the florists, but also to the disgrace of the trade.

All the donations to Miss Jarvis, deserved and numerous as they may be, will not be sufficient, I believe, to compensate for such injury to the noble purpose she had in mind in creating and advocating the observance of Mothers' day.

THEODORE WIRTH.

New York To Houston.

Secretary John Young, 53 West 28th Street, New York, has been named as chairman of a committee to make plans and receive reservations for those who care to make the trip by water from New York to New Orleans for the Houston convention. This is considered an ideal trip and all those going to the convention from the east should take advantage of this opportunity and write Mr. Young immediately, advising him of their intention of making the trip by water. All members will go on the same boat, and a most enjoyable time is assured those who can spare the time to make the trip this way. R. C. KERR,

Vice-President, S. A. F.

Dandelion Extermination.

Ft. Dodge, Ia., June 8.—Twenty-eight hundred pounds of dandelions, or nearly 1½ tons of the weed, were picked by members of the junior league of the Women's club city beautiful department in a contest that has just closed. One lad picked 480 pounds of the pest. The city was divided into 17 districts and enrolled hundreds of youngsters. The same plan will be followed again next year.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young man; all-around florist, understands landscape work, store, designing, selling; active and dependable.
 G. P. JOSEPHSON,
 Canton, N. Y.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address
 Key 637, care American Florist.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
 Key 643, care American Florist.

Situation Wanted—German-American, 40 years old, sober and reliable, good grower of chrysanthemums, peas, pot plants; also good in designing, wishes position with good retail place or private, in or near Chicago preferred. Address
 Key 644, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address
 Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address
 Key 622, care American Florist.

Help Wanted—Good honest man with experience and good reference to work in greenhouse.
 H. F. RHOADES, Kulpmont, Pa.

Help Wanted—A good rose grower and one assistant; state wages wanted. Address
 Key 634, care American Florist.

Help Wanted—Rose growers and helpers. Steady job at good wages. Apply
 BASSETT & WASHBURN, Hinsdale, Ill.

Help Wanted—Young men to work in greenhouses as helpers. Apply
 POEHLMANN BROS. COMPANY,
 Morton Grove, Ill.

Help Wanted—Two Beauty growers and section men and four greenhouse helpers. Apply
 POEHLMANN BROS. COMPANY,
 Morton Grove, Ill.

Help Wanted—A working foreman, capable of taking charge of a place of 200,000 sq. ft. of glass growing stock for own retail store. Address
 Key 642, care American Florist.

Help Wanted—Experienced greenhouse night man. One who understands firing, potting and other greenhouse work. Married man preferred. Must be sober and industrious. Can begin at day work at once. Wages, \$60 per month.
 RIDGE LAWN GREENHOUSES,
 Pine Ridge, Buffalo, N. Y.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address
 Key 631, care American Florist.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address
 A. HANSON, 2615 F Street, Vancouver, Wash.

Wanted to Rent—About 15,000 or 20,000 feet of glass suitable for carnations, near Chicago with option to buy. Address
 Key 636, care of American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Flower Store Opportunity.

There is an excellent location vacant for flower store at 2054 North Clark St. near Garfield Ave. and big new hotel. Full particulars on application to

THALER BROTHERS,
 2036-2042 North Clark St., Chicago.
 Telephone—Lincoln 1061.

Greenhouse Location Wanted.

Advertiser desires location for greenhouse and general florist's business, preferably between the Alleghenies and the Rockies, avoiding the extreme north and south. Business opportunity is the first consideration, with desirability as a place to live. Either a place of say 4,000 or more people, where there is no greenhouse and a good outlook, or of say 8,000 or more, where there is room for another. Substantial payment for useful information. Would consider purchase of established paying business in desirable place to live. None other considered. Give full particulars.

Key 640, care American Florist.

FOR SALE

Oldest established greenhouse and florist business in thriving western city. Owner has other business interests and cannot devote necessary time to it. This is a splendid opportunity that it will pay you to investigate. For further particulars address

Key 638, care American Florist.

Foreman Wanted

General all around man for place in middle west.
 Key X, care American Florist.

ROSE GROWER WANTED

Capable of working two or three helpers. Also Carnation and 'Mum Growers. Wages in each case \$17.00 per week.

F. FALLON, Roanoke, Va.

Wanted to Lease

With option to buy, 15,000 to 20,000 feet of glass near Chicago, suitable for carnations. Answer quick.

Key 641, care American Florist.

FOR SALE

Greenhouses and stock, situated in borough of West Grove, Pa.; houses and stock in good condition; about 13,000 square feet of glass and nearly two acres of land; price reasonable; for further information apply or write to

SOLOMON J. PUSEY, WEST GROVE, PA.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

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DEMAND STILL BRISK

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AND

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CHICAGO

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Palms, Ferns, Aspidistras, Rubbers, Bay Trees, Etc. Also Bedding Plants and Potted Plants.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Cincinnati.

SUPPLY HEAVY WITH MODERATE DEMAND.

Business during the past week was inclined to be quiet. The supply is very heavy, and while the demand is steady, but it is only an ordinary one. Prices are not very high. Roses are plentiful, with Taft, Ophelia, My Maryland and Sunburst the best as far as quality is concerned. Carnations are also plentiful and the cut of Easter lilies is large. Gladioli are in fair supply and have a good market. Lily of the valley and orchids are also among the favorites and move well at times. The first named is short of actual requirements. Snapdragons meet with a fair sale. Water lilies, callas and coreopsis are also included in the offerings.

NOTES.

Florists helped materially to increase business in the probate court last week in the shape of marriage licenses. Miss Rosalia Gillett, daughter of Mr. and Mrs. E. G. Gillett, was married to Wm. F. Mayhall. After the ceremony at Holy Name church a wedding breakfast was served at the Hotel Sinton and the couple left for an eastern trip. Others who were married during the week are: Arthur Becker of the Avondale Floral Co., and Miss Hannah M. Baer; Neil Forster, the Hyde Park florist, and Miss Lilian A. Ward; B. J. Slaughter, Jr., and Miss Muriel J. Murphy, daughter of the late George Murphy.

Theodore Cobb of D. M. Ferry & Co., Detroit, Mich., spent several days here last week. Among other things he made strenuous efforts toward getting the Seedsmen's Club started on its way.

C. E. Critchell reports a strong demand for lily of the valley.

Visitors: I. Bayersdorfer of H. Bayersdorfer & Co., Philadelphia, Pa.; Fred Brueggemann, New Castle, Ind.; H. Ehrhardt, Sidney, O.; M. Legander, representing A. L. Randall Co., Chicago. H.

Boston.

DULL MARKET RALLIES.

Business has been very poor during the last week, prices dragging on nearly every line of stock. Roses have been selling poorly, many large lots having to be sacrificed at very low figures. No particular variety was in very much demand, it being the object of growers and salesmen to turn goods into money without much regard as to the actual value. Carnations also were very plentiful and went at abnormally low prices. The sweet pea crop is shortening and flowers are of poor quality, making the demand rather good on the large varieties. Prices run from 25 cents to \$1 per 100. There is a large supply of Longiflorum lilies and prices are low, in some cases \$2 per 100. Peonies are coming in, local grown being in fair demand at from \$4 to \$8 per 100, while the flowers which come from southern markets are inclined to be soft and sell at about three cents apiece. There is a good supply of hydrangea plants which move none too well, but is about the only thing obtainable in the plant line.

Greens, such as plumosus and Sprengeri, sell very well, as the crop is inclined to be short. The market, June 12, showed signs of advancing in general, as several lines of flowers have shortened in supply, owing to the dull weather. Carnations brought two and three cents, while there were practically no sweet peas obtainable. Business as a whole seems to be more active than last week, owing to graduation and wedding orders, which retailers report as coming in very good.

NOTES.

David Welch and E. J. Welch have severed their connection with the firm of Welch Bros. Co. and have opened one of the most modern and best equipped wholesale establishments in New England at 280 Devonshire street. The new location is all that could be desired, as it is in the heart of the wholesale flower district of the city, and is convenient to both the north and south stations. The store itself is large and roomy, having two entrances. There is a large ice chest, 12x40 feet, and plenty of packing counters placed in convenient positions. The firm will carry a regular working force of six experienced men, and feels confident that they can add more to their already large trade by even better service than they have been getting in the past.

At a special meeting of Welch Bros. Co., at its offices, 226 Devonshire street, the board of directors elected Henry Haas, well known to the trade of this city and vicinity, to the position of manager. Frank J. Reynolds, also well and favorably known to the trade of New England, becomes assistant manager. Patrick Welch continues as president and treasurer of the company. A more extended account of the re-organization will be found in another column.

Sam Wax reports a record breaking wedding decoration, which he says is "the limit" since he has been in business. The whole order amounted to 40 cents 25 cents for a bride's bouquet of sweet peas, and 15 cents for three carnations at 5 cents each for the bridesmaid.

B. A. Snyder & Co. are shipping some very well grown Hadley, Mrs. Bayard Thayer and Russell roses. They are having the interior of their store remodeled, one of the chief features of the new construction being a balcony around the interior.

The bowling league will hold its annual outing at Lake Boone, Sunday, June 25. This will be one of the most enjoyable outings the trade has had for some time, according to preparation.

Walter Holden, Harry Shedd, Louis Small and a party of friends have been spending an enjoyable week salmon fishing at Grand Lake Stream, Me.

F. L. W.

Maywood, Ill.

The Albert F. Amling Co. has completed its new rose range, which, it may be added, is the largest range erected in Illinois in 1916 up to the present time. The entire range is now planted to roses, the varieties being Milady, Ophelia, Killarney Brilliant, White Killarney, Russell and Ward.

Albert F. Amling, president of the company, who has been threatened with a breakdown from hard work, is recuperating in a sanitarium at Battle Creek, Mich.

Wm. H. Amling's new 75-foot chimney, built by the Heine Chimney Co., of Chicago, is finished. A new 100-H. P. boiler, ordered from the Kroeschell Bros. Co., Chicago, is expected in a few days. Shipments of 20,000 Buttery sweet peas are made daily from this range.

Henry Wehrman and Hugo Luedtke made a trip to Lake Marie in the former's Moline-Knight last week. The heavy rains made the roads so bad that they had to leave the machine there and make the return trip by train.

A baby girl has arrived at the home of Joseph Ernst, night temperature man at the A. F. Amling Co.'s range. The population of "Amlingville" is increasing very rapidly.

Carl Hausermann, Jr., is busy planting chrysanthemums. The new range built for him by the A. Dietsch Co., Chicago, is now completed.

Herbert Amling, sweet pea specialist for Wm. H. Amling, is now the owner of a Ford. Hurrah for the "house."

The Weiss-Meyers Co. has installed a new electric pressure pump outfit. They are also building a new packing shed.

Wm. Wichtendahl had a new chimney erected by the Heine Chimney Co. It is a 50-footer. W. A.

Welch Brothers Reorganization.

At a special meeting of the board of directors of Welch Bros. Co., 226 Devonshire street, Boston, Mass., held June 1, Henry Haas, well known to the trade of that vicinity and a man of long experience in the cut flower business, was elected manager. Mr. Haas is considered one of the most capable men in his line in the city and will be remembered by many customers in the Boston Co-operative Flower Market where for several years he represented Morris F. Comley. Previous to this he was connected with Wm. H. Elliott, Frank J. Reynolds, who was elected assistant manager, is also well known to the florist trade in New England, New York State and Canada. He began his career about 20 years ago with the firm of Welch Bros. and continued with the firm until about eight years ago at which time he became manager for Wm. F. McCarthy & Co. For two years he represented a number of growers in the Boston Flower Market and more recently has been with McAlpine & McDonald. Both of the newly elected officers are eminently fitted for their respective positions.

Patrick Welch, president and treasurer of the company, in making announcement of the reorganization of Welch Bros. Co., expresses his appreciation of continued patronage of the many customers which has fostered the growth of the company to its present splendid proportions, and gives assurance that the new organization under his head will continue to make the same standard of excellence in service a predominant feature at all times.



PATRICK WELCH, President and Treasurer.



HENRY J. HAAS, Manager.



FRANK J. REYNOLDS, Ass't. Manager.

Reorganization of the Welch Bros. Co.

At a special meeting of the Board of Directors of Welch Bros. Co., held at 226 Devonshire Street, Boston, June 1, 1916, Mr. Henry Haas was elected Manager and Frank J. Reynolds, Asst. Manager. Patrick Welch retains the offices of President and Treasurer.

As President of the Company I wish to express my appreciation of the continued patronage with which you have favored us, and I sincerely hope that we will always be able to retain your business, as we feel confident that the merit of our goods and the excellency of our service in both the Cut Flower and Supply Department are of the best.

Telephones 6267, 6268.

PATRICK WELCH, President and Treasurer.

**Saves
Many
Times
Its
Price**

\$3.00

Postpaid to
any address

AMERICAN FLORIST CO.'S

Trade Directory

Florists, Nurserymen and Seedsmen

SAVES many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 548 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically, firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

PUBLISHED ANNUALLY BY THE

AMERICAN FLORIST COMPANY

440 S. Dearborn Street, CHICAGO

THIS WEEK

OUR SPECIAL OFFER
consists of the following
GOOD FRESH STOCK:

BEAUTIES--short stem from young plants, clean plump buds. Russell in large supply--short and long.
Good Short Roses, - - \$15.00 per thousand.
First-Class Carnations, - 10.00 per thousand.
Gladioli, - - \$8.00 to \$10.00 per hundred.

Large Quantity of ROSES, All Varieties, Long and Medium for Weddings and Graduations.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$4.00 to \$5.00
36-inch	3.00
30-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	Per 100
Long	\$8.00 to \$10.00
Medium	6.00
Short	2.00 to 4.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.	Per 100
.....	\$2.00

CARNATIONS.	Per 100
Fancy	\$3.00
Medium	2.00
Short	\$1.00 to 1.50

PEONIES.	Per 100
Fancy pink and white	\$4.00 to \$8.00

MISCELLANEOUS CUT FLOWERS.	Per 100
Lilies	10.00
CATTLEYS	per doz., \$7.50 to \$9.00
VALLEY	\$4.00, \$5.00, \$6.00 per 100

MISCELLANEOUS GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	2.50
Sprengerl and Asparagus Sprays	2.00 to 3.00
Leucothoe .....	.75
Adiantum	1.00 to 1.50
Galax (bronze and green)	1.50
New flat ferns	per 1,000 3.50 to 4.00

Economize

When Buying
Your Supplies

PRE-INVENTORY SALE

Here is a dandy opportunity to lay in a good stock of supplies if you order before July 1, 1916. Look over our special inducement circular being mailed this week, which contains articles listed at prices that are attractive and will save you money.

Be sure that you get this circular and if it does not reach you in due time write for it without delay.

Some Items You Need Now

Sulphur--Slug Shot--Grape Dust--Daylight Glass Cleaner--Liquid Putty--Greenhouse Hose

Bridal Scarfs	Bridal Chiffon	Shower Ribbon Gauze
Pink and White	Beautiful, 8-inch, per yard	Per bolt of 10 yards
90c each	25c	18c per bolt

DIRECTOIRES' STAFFS--SHEPHERD CROOKS--BRIDAL MUFFS, ETC.

Sheet Moss, Fine Fresh Material, per bag, \$2.00.

POEHLMAN

72-74 E. Randolph St.,

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

BELMOREANA MADE-UP PLANTS.

Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high.....	\$ 4.50
4 inch pots 5-6 16-18 inch high.....	\$.40
6 inch pots 6-7 24 inch high.....	1.00
6 inch pots 6-7 28-30 inch high.....	1.50
6 inch pots 6-7 32-34 inch high.....	2.00
8 inch tubs 6-7 36-38 inch high.....	3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high.....	\$ 4.50
4 inch pots 5-6 18-20 in. high, ea.....	.40

Leaves	Each
6 inch pots 6 28-30 inch high....	\$ 1.00
6 inch pots 6-7 34-36 inch high....	1.50
10 inch tubs 6-7 5½ feet high....	8.00
10 inch tubs 6-7 5½-6 feet high....	10.00

FOSTERIANA MADE-UP PLANTS

Plants	Each
8 inch tubs 4 38-42 inch high....	\$ 3.50
8 inch tubs 4 48-50 inch high....	5.00
8 inch tubs 4 52-54 inch high....	6.00
10 inch tubs 4 56 inch high....	8.00
12 inch tubs 4 60-64 inch high....	10.00
12 inch tubs 4 5½ feet high....	12.00
12 inch tubs 4 5½-6 feet high....	15.00
15 inch tubs 4 6-6½ feet high....	\$18@20

Specimens, heavy, \$35.00, \$40.00.

Kentias

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50
6 inch pots 18 inch high 24 inch spread	Each \$1.75
8 inch tubs 30 inch high 36 inch spread	Each 3.50
10 inch tubs 35 inch high 42 inch spread	\$5@7.50

DRACAENAS

2½ inch pots Dracena Godseffiana, 100.	\$8.00 per 100
Dracena Lindenii, 6 in.	Each \$1.25
6 inch pots Dracena Massangeana.....	Each \$1.25; 7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.....	\$1.00
8 inch pots, 5 plants, 44 in. high.....	4.00
LIVISTONA ROTUNDIFOLIA	
4 inch pots, strong.....	\$0.50 each
5 inch pots.....	.75 each

2½-inch Grafted and Own Root Rose Plants.

Killarney, own root	1000 \$ 56.70
White Killarney, grafted	100.00
Killarney Brilliant, grafted	100.00

Elgar (special only), grafted	1000 100.00
Old Gold, grafted	100.00

American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

SPRING BEDDING PLANTS

	100	1000
Achyranthes Brilliantissima, 2½ in.	\$ 2.50	
Achyranthes Lindenii, 2½ in.	2.50	
Asparagus Sprengeri, 2½ in.	2.50	
Begonia Luminosa and Vernon, for bedding, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Begonia Chatelaine, 2½ in.	3.50	
3 in.	8.00	
4 in.	15.00	
Caladiums, fancy leaved, 25c. 35c. 50c, 75c. \$1.00 and \$1.50 each.		
Calceolarias--35c and 50c each.		
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot; 6-inch pots 75c and \$1 each.		
Crotons--4-inch, \$4.80 per doz.; 5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		
Cyclamen--3 inch, \$8.00 per 100.		
Seedlings, \$40.00 per 1,000.		

	100	1000
Dusty Miller, for border, 2½ in.	2.50	23.00
German or Parlor Ivy, 2½ in.	2.50	
3 in.	5.00	
Fuchsias--5c and 12c each.		
Hydrangeas--50c, 75c, \$1.00, \$1.50, \$2.00 each; larger specimen, \$3.50 to \$5.00 each.		
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.	2.50	22.00
Marigold, Double, 3 in. pots....	5.00	
4 in. pots.....	8.00	
Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each.		
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Primulas Grandiflora and Gigan-tea strain, only the choicest varieties, summer delivery, 2½ in.	3.00	
Primula Obconica, 2½ in.	\$ 3.50	

	100	1000
Primula Malacoides, 2½ in.	3.50	
Primula Sinensis, 2½ in.	3.50	
Salvia Bonfire and Zurich, from cuttings, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2½ in.	2.50	23.00
3 in.	6.00	50.00
Table Ferns, 2½ in., \$3.00 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.		
Torenia Fournieri, Blue, 2½ in.	2.50	
3 in. pots.....	5.00	
Vinca, variegated and green, for boxes and vases, 2½ in.	2.50	23.00
4 in.	\$12.00 to 15.00	
Verbenas, all colors, 2½ in.	2.50	23.00
Wandering Jew, Zebрина and White Variegated, for hanging baskets, 2½ in. pots.....	2.50	

Fine Chrysanthemum Stock--Best Obtainable.

PINK--	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
McNiece	\$2.50 \$22.00	\$2.75 \$27.00
Enguehard	2.50 22.00	2.75 27.00
Maud Dean	2.50 22.00	2.75 27.00
R. E. Loeben	2.50 22.00	2.75 27.00
Patty	2.50 22.00	2.75 27.00
Wells Late Pink....	2.50 22.00	2.75 27.00
Chieftain	2.50 22.00	2.75 27.00
WHITE--		
October Frost.....	\$2.50 \$18.00	\$2.75 \$25.00
Vir. Poehlmann....	2.50 18.00	2.75 27.00
Chas. Razer	2.50 18.00	2.75 25.00

	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
Elise Papworth....	2.50 18.00	2.75 25.00
W. H. Chadwick....	2.50 18.00	2.75 25.00
Timothy Eaton	2.50 18.00	2.75 25.00
Lynwood Hall	2.50 18.00	2.75 25.00
Smith's Ideal	2.00	2.75
Alice Salomon.....	2.00 18.00	2.75 25.00
White Chieftain	4.00 38.00	5.00 48.00
BRONZE--		
O. H. Kahn.....	2.00 18.00	2.75 25.00
RED--		
Schrimpton	2.00 18.00	2.75 25.00

YELLOW--	Rooted Cuttings	2½-in. plants
	100 1000	100 1000
Golden Glow	\$2.00 \$18.00	\$2.75 \$25.00
Chrysolora	2.00 18.00	2.75 25.00
Yellow Eaton	2.00 18.00	2.75 25.00
Yellow Salomon....	2.00 18.00	2.75 25.00

BOXWOODS

	Each
12-in. in burlap	\$0.30
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

YELLOW ROSES

We have a large stock.

Prices per 100: Short, \$4.00; Medium, \$6.00; Long, \$8.00.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stem.....	\$3.00
Extra long stems, seconds.....	\$1.00 to 1.50
Medium stems.....	1.50 to 2.00
Shorter lengths.....	.50 to .75

Sunburst	Per 100
Extra long	\$8.00
Medium.....	\$6.00 to 7.00
Short	4.00

Rhea Reid--Ophelia--Richmond--Shawyer White and Pink Killarney-Killarney Brilliant

Long.....	per 100, \$6.00 to \$8.00
Medium.....	" 4.00 to 5.00
Short	" 3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$10.00 to \$12.00
Medium	8.00
Short.....	4.00 to 5.00
Cecile Brunner.....	per bunch, 50c

Carnations	Per 100
Red, White and Pink extra fancy.....	\$2.00 to \$3.00

LILY OF THE VALLEY.....	\$5.00
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ORCHID-FLOWERING SWEET PEAS	\$.75 to 1.50
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ASPARAGUS SPRAYS and SPRENGER.....	3.00
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FERNS, new.....	per 1000, \$2.00 to \$3.00
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ADIANTUM.....	1.00
---------------	------

GALAX, bronze and green.....	per 1000, \$1.25 to \$1.50
------------------------------	----------------------------

ROSES, our selection, in lots of 500 or more at the rate of \$25.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN,

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

TRADE SHOWS A BIG IMPROVEMENT.

Business the greater part of last week was very quiet, owing to the rainy weather, but on Saturday there was considerable business done and the market took a change for the better. The department stores had special sales on flowers during the week, which relieved the market of a lot of junk so that when the weather cleared on Saturday there was only good stock left to fill the orders with and which accounted for the sudden stiffening of prices. Carnations suffered most from the unsatisfactory weather and reached the market in poor condition, consequently they sold in large lots at practically the buyer's own prices. Sweet peas also suffered and the receipts dwindled to almost nothing. Fancy sweet peas sold quickly, but there was such a large supply of inferior stock offered at low prices that the average was nothing to speak of. Peonies were plentiful and fancy stock brought good prices, but there never was such a big supply of inferior stock offered as last week. Wagon load after wagon load was dumped or sold to the street fakirs at remarkably low figures. Lily of the valley, orchids and American Beauty roses were about the only items that were scarce and brought anywhere near what the dealers would call high prices. Business since Saturday has been good, especially the shipping trade, which is keeping up remarkably well. Mrs. Chas. Russell, Ophelia, Midway, Richmond, Rhea Reid and My Maryland roses are having a good call and are cleaning up well, considering the large quantity offered. All the other roses grown for the market are to be had in quantity, including all the old standard and newer varieties. Lilies are in good supply and the same holds good for callas. Can-

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Live Wire Florists

doing an up-to-the-minute business buy their Cut Flowers and Greens here. Absolutely essential stock always obtainable at the most reasonable Chicago market prices.

Chicago's Largest Dealers in Decorative Greens

dytufts, daisies, pansies, feverfews, snapdragons, irises, larkspurs, calendulas, cornflowers, statice and other miscellaneous stock is still seen in good supply and at times has a good call. The demand this week is principally for wedding, funeral and commencement flowers and business everywhere seems to be pretty good. Green

goods are in good supply at this writing, but at times during the week certain items, such as adiantum and smilax, have been scarce. The expressmen's strike seems to be as far from settled as ever, but the special service inaugurated by the wholesalers is working so nicely that there are hardly any complaints to speak of. Out-

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY SUPPLY

OPHELIA--MY MARYLAND--RUSSELL

Extra fancy stock in all grades at prices that will meet with your approval.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....		
Killarney.....		
White Killarney.....	Extra select	Per 100 \$8.00
My Maryland.....	Select	6.00
Sunburst.....	Medium	5.00
Ophelia.....	Short	4.00
Milady.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100 \$ 3.00
Roses, our selection.....	\$ 2.00 to 3.00
Carnations, fancy	10.00 to 12.50
Harrisii	4.00 to 8.00
Peonies	4.00 to 5.00
Valley .....	.75 to 1.50
Sweet Peas	1.00
Adiantum .....	.50 to .75
Asparagus, per bunch	\$4.00
Ferns, per 1,000.....	

2,000,000 Feet of Modern Glass

Z M E A & N C N H N

You Can Get Them Here

Ophelia AND Russell

Our supply of Ophelia and Russell roses is so large and of such fine quality that we can fill your order to your entire satisfaction. In addition to Ophelia and Russell we have our usual large supply of Ward, Sunburst, Richmond, Killarney and White Killarney.

Fine Supply of Peonies and Lilies.

Most beautiful stock ever offered. Just what you need for your wedding decorations. Mammoth supply—plenty for everyone—so order here.

SWEET PEAS, CARNATIONS, VALLEY, GREENS, ETC.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., L. D. Phones
Central { 3283
Automatic, 42-965 Chicago

of-town buyers can assist the local dealers a great deal by placing their orders as early as possible, so that all trains can be made at the specified time and allow as much time as possible for the shipments to reach the depots.

NOTES.

Kroeschell Bros. Co. will ship two cars of Kroeschell boilers to Kenneth Square, Pa., this week, to five different parties and which will heat 161,000 square feet of new glass. Fred Lautenschlager says that Kroeschell

CUT PEONIES--GERANIUM PLANTS

Plenty of Stock—Write for prices on what you need.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Bros. Co. has been asked by parties in the east to figure on one of the very largest sized boilers that they manufacture and which no doubt will result in another order.

W. J. Keimel, Guy French and Richard Salm, acted as assistant sergeants-at-arms at the republican convention and all seem pretty well satisfied with the grand old party choice.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Send Us Your Cut Flower Orders for Weddings and Commencements and You Will Not Be Disappointed.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch
ROSES, OUR SELECTION \$3.00

CARNATIONS.

	Per 100
Fancy	\$2.00
Good	\$1.00 to \$1.50

LILIES.

	Per 100
Fancy	\$10.00 to \$12.50

Miscellaneous.

Peonies	\$5.00 to \$8.00
Ferns, per 1,000	4.00
Smilax, per doz.	2.50
Adiantum	1.00
Sprengerl, per bunch	.50
Asparagus Sprays, bunch	.50
Other Green Goods Market Rates.	

C. L. Washburn says that the recent rainy weather has delayed planting operations at Bassett & Washburn's greenhouses for fully a week, but that the work is again well under way and will be completed soon. Trade was unusually good Saturday, June 10, and everything cleaned up nicely considering the lull as far as the city demand was concerned all week and which took a decided change for the better on that date. Yellow roses are in brisk demand at this establishment for commencement exercises.

The Fleischman Floral Co. had an appropriate window display during the republican convention in which a small elephant played an important part. Business has been very good at this establishment right along and their large electric sign at the foot of Randolph street and North Michigan avenue attracted the attention of the visitors to the convention and was the cause of many large orders.

W. N. Hoot and James M. Dunn, of the American Mutual Cyclone and Hail Insurance Co., Muncie, Ind., are writing policies for the local greenhouse men this week and report good business in all the smaller towns visited during their present campaign.

Stielow Bros. Co., of Niles Center, is shipping a nice supply of Mrs. Chas. Russell roses to the Chicago Flower Growers' Association and where the receipts of Milady are also quite heavy from the Wellworth Farm Greenhouses at Downer's Grove.

Sinner Bros. are busy planting their roses and will grow the variety Mrs. Chas. Russell on a larger scale than ever this season. They were among the first ones in this vicinity to give this rose a trial and have had wonderful results with it.

N. J. Wietor says that trade at Wietor Bros. store has shown wonderful improvement this week and that stock of all kinds is cleaning up nicely each day at very satisfactory prices considering the general market conditions.

Oscar J. Friedman, 522 South Michigan avenue, had unusually good business last week, as the result of the republican convention, and his best seller proved to be the Hughes bouquet, one of Victor Bergmann's latest creations.

The Alpha Floral Co. always has a fine showing of seasonable cut flowers in its store windows, which Manager Andrew Chronis believes results in



Corsage Shields

"BLOWDEN" \$2.00 per dozen—
\$20.00 per gross.

Corsage Ribbons

All leading shades. No. 7—70c per bolt;
No. 9—90c per bolt.

No. 2 Gauze

All Colors. Just what You Need. 22c per bolt.

Choice Cut Flowers

Large supply of PEONIES, Roses, Carnations, Calendulas, Sweet Peas, Snapdragons, Mignonette, Callas.

GREENS OF ALL KINDS.

O. A. & L. A. Tonner

WHOLESALE CUT FLOWERS AND SUPPLIES

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

many of the sales, and is one of the best and cheapest advertisements that there is.

Erne & Klingel are handling a fine lot of fancy long stemmed home grown peonies, which are without question some of the best that have been offered in this market this season.

John Michelsen, of the E. C. Amling Co., says that trade was very good Saturday, June 10, when the market took a decided change for the better and there was both a heavy local and out-of-town demand.

W. N. Rudd leaves on his annual fishing trip to Wisconsin June 19, accompanied by his daughter, Phyllis, who is home from Cornell University on summer vacation.

The date of the wedding of Miss V. Diamesis, 4448 Racine avenue, and John Canger, with Mangel, the Palmer House Florist, has been set for Thursday, June 29.

Michael Redden, 820 West Fifty-fifth street, is enjoying good business and has built up a splendid trade since he started there three years ago.

The A. L. Randall Co. received a shipment of gold fish this week that certainly contains some beauties and is a center of attraction at the store.

Sidney Buchbinder, sales manager for Buchbinder Bros., manufacturers of florists' refrigerators, is back from a business trip to Milwaukee, Wis.

C. Frauenfelder, 3343 West Madison street, reports business as good

to get what you need in Cut Flowers and Supplies from us? If not, TRY THESE FOR A STARTER.

with a large number of funeral orders to keep the force busy.

Kennicott Bros. Co. is strong on Ophelia roses this week, which Max Ringier takes great delight in showing to the many customers.

J. A. Budlong's shipments of roses now include a good supply of Tipperary, Mrs. Hearst, Lady Alice Stanley and Francis Scott Key.

Simpson's, 3656 Ogden avenue, had an order for the Judge Burke funeral, June 12, consisting of a beautiful large eight-foot cross.

Herman Bruns has returned from Urbana, where he attended school, and is giving his father a lift at his West Madison street store.

L. Hoeckner, of the Peter Reinberg store force, is following the carnivals this summer, but will be back on his old job in the fall.

Chas. W. McKellar has recovered from his recent illness and is back on the job again every day at the store.

Chris Pederson and sister, Mrs. Theo. Callos, have gone to housekeeping at 4658 Lake Park avenue.

Percy Jones is handling a large quantity of fine candytuft, which is meeting with ready sale.

George Wienhoeber and his force have been unusually busy this week with wedding orders.

John Schoepfle, 933 Belmont avenue, will leave next week on a fishing trip.

Chas. Crum is in the employ of the Central Floral Co.



to buy your Cut Flowers and Greens from us because we always give you strictly fresh stock at the most reasonable prevailing Chicago market prices.

Current Price List Subject to Change Without Notice.

Beauties.	
Long stems	Per doz. \$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

Per 100	
Extra fancy	\$15.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$3.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

Per 100	
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection.....	3.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.	
Special fancy white.....	Per 100 \$3.00
Red and pink	2.00

Miscellaneous. Per 100.

Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz.	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string.	\$0.50
Asp. Plumosus Sprays..bunch.	\$0.35 to .50
Sprengeri .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 4.00
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

The following write-up, accompanied by a photograph of the beautiful young daughter of the well-known florist, appeared in the society columns of the Chicago Herald, Tuesday, June 13: "A few years ago, when she was a member of one of his English classes, Professor Ronald S. Crane of Northwestern University noticed that Miss Julia Fuller, daughter of Mr. and Mrs. W. W. Fuller of 4526 Ravenswood avenue, was an attentive student. There was a rumor about the campus this spring that the professor and Miss Fuller, who was graduated from the university last year, were engaged. Yesterday it was verified. The engagement was announced by Mrs. Arthur Swanson of 522 Church street, Evanston, at a tea given in her home for the active and alumnae members of Alpha Omicron Pi Sorority. "Any romance?" Miss Fuller repeated a question. "Oh, I don't know. We just met and—well, that's enough for you."

C. A. Moss, of Spartanburg, S. C., was a visitor this week and was escorted through several of the leading retail establishments in which he was much interested by T. E. Waters, manager of Poehlmann Bros. Co.'s supply department.

Mr. and Mrs. Peter Reinberg entertained the county commissioners and their wives at dinner, June 6, at their beautiful new home at 5643 Sheridan road, and it is needless to add that everyone present had a most delightful time.

Henry Wittbold is very busy with wedding decorations this week and has about all the work that he can conveniently do.

SUPREME QUALITY

Roses-Carnations-Peonies Lilies-Valley

And everything else that you need. Our high-grade stock is in demand by the progressive florist who insists upon the best at all times at the most reasonable market prices. : : :

The Chicago Flower Growers Ass'n.

Wholesale Growers of

Cut Flowers and Plants

182 N. Wabash Ave.,

L. D. Phone—
Randolph 631.

CHICAGO

Mention the American Florist when writing

A. E. Turner, with Rosin & Turner, Mosinee, Wis., is in the city on business this week.
H. G. Hastings, of Atlanta, Ga., at-

tended the republican convention here last week.

Harry Glatter is conducting the floral stand at the Sherman House.



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc., for Weddings and School Closings. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The expressmen's strike seems to be as far from settlement as ever and is causing the trade a great deal of inconvenience. Fred Lautenschlager, who is in charge of the special service, has every reason to be proud of the way things are running so smoothly, and it will no doubt be surprising to many to read that there were as many packages handled during the first two weeks of the present strike as there were during the entire strike of 1905, when 7,500 shipments were handled all told between the dates of April 29 and June 4. On top of this many incoming shipments were handled, and, considering the busy season that Kroeschell Bros. Co. are now experiencing, one can readily surmise how busy a man he is, and how anxiously he is awaiting a settlement. He is receiving whatever assistance he needs from E. C. Amling, who is always willing to help a good cause along.

The Chicago Florist, 17 West Madison street, of which George Rozakles is proprietor, will open a new store in the Lyon & Healy building at 35 East Adams street. Buchbinder Bros. have the contract for the entire set of store fixtures including a Buchbinder refrigerator which is the second outfit of the kind that they have furnished for new loop stores within the past six months. Mr. Rozakles will continue his old stand and will be assisted at the new place by his sons, George Jr. and Leo.

The Kruchten family has the sympathy of the trade in the loss of their son and brother, whose death occurred Tuesday evening, June 13, when he was killed in an automobile accident, an account of which appears in the obituary column this week. He was a member of the wholesale firm of John Kruchten Co., having recently joined his brothers, John and Henry, when they bought out C. L. Sherer's interest.

Poehlmann Bros. Co. is cutting a splendid supply of roses in all the leading varieties including a large number of American Beauties from young plants. Both the local and shipping trade have been good this week and everything is cleaning up nicely in all lines. Orchids and lily of the valley are having an unusually good call and it is impossible at times to fill all the orders for these two items.

Peter Reinberg is cutting a good supply of White Killarney roses which is mostly from young stock and for

which the demand is heavy. Emil Reichling has finished planting all the chrysanthemums at the Reinberg greenhouses and now has practically everything benched.

A. T. Pyfer & Co. received word this week from the Misses Cabannis, Jackson, Miss., that their greenhouses were destroyed during the heavy storm there recently and who mentioned in their letter that the McKay Floral Co. also suffered considerable damage.

White sweet peas are almost as scarce as lily of the valley, orchids and American Beauty roses, according to many of the retailers who have experienced considerable trouble in getting what they needed the past week.

Allie Zech, of Zech & Mann, took in the auto races at Speedway park, Sunday, June 11. Trade at Zech & Mann's store is brisk this week and their receipts of Ophelia and Mrs. Chas. Russell roses are unusually heavy.

Frank Gabler is employed in Hillman's plant department. Charles Klunder has resigned his position as manager of Hillman's cut flower department of which he has been in charge for several months.

A. L. Vaughan & Co. are handling a large supply of fine local peonies which are selling well owing to the many wedding and funeral orders that the retail trade has been called upon to fill this week.

O. A. & L. A. Tonner are handling some fine peonies from the Tonner farm again this season, which compare favorably with the other stock offered in the market.

M. C. Gunterberg still has a good supply of geranium plants to offer but will no doubt sell out completely in them, owing to the lateness of the season.

John Schrieber, of the Foley Greenhouse Manufacturing Co., is minus a Ford touring car which someone stole from him Monday evening, June 12.

Visitor: J. W. Rodgers, manager of the Miami Floral Co., Dayton, O.

Chicago Florists' Club.

The regular meeting of the Florists' Club was held at the Hotel Morrison, June 8. President Henderson in the chair. The attendance was small, due no doubt to the bad weather. New members were elected as follows: Chester P. Guion, 2730 North California avenue; W. E. O'Morrow, 558 Fulton street; Carl Eisemann, Maywood;

Thos. W. Head, Lake Forest, and John Canger, 17 East Monroe street.

The transportation committee reported that plans for the Houston convention trip had not been completed and that members will be advised as soon as there was any information on the subject to make public.

A communication was read from J. F. Ammann with reference to the proposed flower show of the State Florists' Association to be held at Bloomington next November, details of which will be found in our issue of May 27, page 992.

The regular meetings were suspended for the months of July and August and Allie Zech has promised to open a debate at the September meeting on a subject of much interest to growers and dealers.

President Henderson reported on local flower show, stating that the committee considered it too late to make the necessary arrangements for the coming fall.

The picnic was abandoned for this season.

Garland Mfg. Co., Des Plaines, Ill.

Lloyd E. Shirley, who has had considerable experience as a manufacturing mechanical engineer, is now identified with the Garland Manufacturing Company, Des Plaines, and holds the office of vice-president and general manager. Mr. Shirley comes well recommended and will devote all of his time to the Garland company, being ably assisted by H. W. Strietelmeier, designer of the big Garland house, 76x900 feet, for Davis & Steiner at Ottawa, and who will continue as chief engineer. Louis Wittbold, of the George Wittbold Co., is president of the firm, which is quite an asset, for he is so well acquainted with the greenhouse end of the business that he knows all the needs of the grower. The Garland Company operates its own foundry, machine shop and wood mill, which are running full blast, and among the orders now being turned out is that of the United States government, calling for greenhouse materials. Steel frame, trussed steel frame and semi-steel greenhouses, hot bed sash, boiler grates, gray iron castings and many other articles pertaining to the greenhouse are manufactured, the most important being the celebrated Garland cast iron gutter which has given entire satisfaction wherever it has been used.

BIG CUT OF

Russell, Ophelia, Stanley, Hearst, Hoosier Beauty, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Peonies, Valley, Sweet Peas, Callas, Harrisii, Galax, Asparagus, Sprengeri, Adiantum, As Well As Other Seasonable Stock and Greens.

TRY OUR NOVELTY ROSES—BRUNNER-ELGAR-BABY DOLL and our FANCY ORCHID FLOWERING SWEET PEAS

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Milwaukee.

STOCK PLENTIFUL IN ALL LINES.

Intense heat up to a week ago brought on an immense supply of cut flowers, and with local business rather quiet, for it's a bit too soon for commencement exercises, it was hard work to try and please everybody. The cool, wet weather the latter part of the week changed the tune, and it was then that most of the stock was cleaned out. There is no shortage of any one thing or a special demand; enough and plenty for all at all kinds of prices. Owing to the inclement weather the past week, for it rained and was cool from Tuesday to Friday night, there is still quite a bit of outdoor planting of flower beds, roses and porch boxes to be done. The Spirea Van Houttei flowers were also very short lived this season, as they just commenced to bloom before the rainy spell set in.

NOTES.

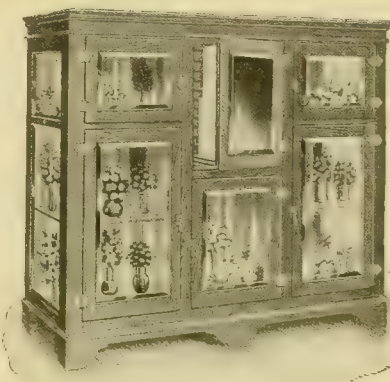
James M. Fox, head of the firm of James M. Fox & Son, Inc., one of the largest retail grocers in the city, died June 6 after being ill for several weeks, at the age of 65. Surviving his death are the widow, one daughter and two sons. Of the latter, James F. Fox conducts the floral department, which ranks among the foremost retail florists in this city. We extend our sympathy.

Robert Baerman, son of G. F. Baerman, florist at Spring and Burleigh streets, who was returning from a dance June 10, was run into by an automobile which was running at a high rate of speed; newspaper reports claimed a concussion of the brain and a possible skull fracture. His brother on Monday night stated that he was O. K. again.

According to the report of the entertainment committee of the florists' club, with A. Hare as chairman, the annual basket picnic will be held Sunday, July 9, at Kieppers Park on the Cedarburg plank road. The affair at that place last year proved to be such a success that it was again chosen for this year.

Hugo Locker & Sons, of Wauwatosa, had a large supply of especially fine vincas this spring, and as might be expected, were sold out some time ago. Their sweet peas are still in prime condition.

BUCHBINDER



MAKES THEM BETTER

Builds Them To Order

We have equipped more Chicago retail stores in the last two years than all the rest of the manufacturers and dealers together.

There's A Reason

Write for Catalog.

BUCHBINDER BROS.

MANUFACTURERS

518 Milwaukee Avenue,

CHICAGO

The Schroeder Floral Co.'s carnations are still of a very fine quality these days; no signs of deterioration as yet.

Richard Lietz and wife are the proud parents of a baby boy, born June 6. They now have a family of five children.

E. O

Hail at St. Louis.

Scarcely had the damage occasioned by a severe hail storm which swept the southern section of the city been repaired, when rain, hail and wind made a second destructive visit within a month, resulting in a loss of approximately 150,000 feet of glass and a heavy damage to growing crops in St. Louis county. The loss to florists alone is estimated at \$20,000. Market gardeners were hard hit and cemetery greenhouses also are reported as suffering heavy damage. W. A. Rowe's range at Kirkwood received the full force of the storm, he being

the heaviest loser with a loss of about \$5,000. A. S. Cerny, O. C. May, Oakland Floral Co., W. J. Pilcher, H. & C. Gross, Frank Vennemann, Hootman Bros., Wm. Winter, John Steinicki, Chas. Meier, Phil. J. Goebel, Jr., and others in the same locality were also heavy sufferers. At Webster Groves, where the storm was also severe, the Cannon Floral Co. and Joseph Hauser ranges were badly damaged. Among those in the city the heaviest losers were Geo. B. Windler, F. J. Fillmore & Son, Wm. Schray & Sons, Meuer Bros., John Held, William Kruse, John Walther, Benj. Albers, J. G. Knoll, Jules Bourdet and the Missouri botanical gardens. The H. J. Weber & Sons Nursery Co., at Nursery, Mo., also report much damage.

PROVIDENCE, R. I.—William A. Bow-ers has opened one of the most attractive flower shops in this city at 134 Washington street.

For Weddings and School Closings

Large Supply Peonies--Roses--Carnations

Sweet Peas -- Lilies -- Valley -- Greens, Etc.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

Kansas City, Mo.

COMMENCEMENT FLOWERS BIG FACTOR.

Business in all lines has been good, and the orders for flowers for commencements have kept everybody busy, the bouquets being larger both in number and size than usual. Funeral work also has been heavy. There is still a good demand for plants for baskets and boxes. The greenhouse men are busy filling the houses with stock for fall.

NOTES.

The Alpha Floral Co. reports an excellent trade. This firm has been exceptionally busy with orders for commencement flowers and a record breaking business in wedding arrangements seems assured. Shipping trade is also good.

The Wm. L. Rock Flower Co. is kept busy with funeral and wedding orders, in addition to several large contracts for commencement bouquets. Red roses and lily of the valley were used in quantities.

One of the most attractive displays of the week was noted in Arthur Newell's window—a clever arrangement of Ward roses and blue delphiniums.

H. Kusik & Co. report a good week's business. Two consignments of 3,000 gladioli and a large number of roses, together with other stock, cleaned up nicely.

Geo. M. Kellogg Flower & Plant Co. reports splendid trade in all departments. Stock at this establishment is plentiful and the quality excellent.

Commencement orders were a big factor in Ed. Humfeld's sales. Weddings and funerals also add to the rush at this establishment.

W. J. Barnes' force has been very busy with orders for commencements, weddings, funerals and spring planting of boxes and baskets.

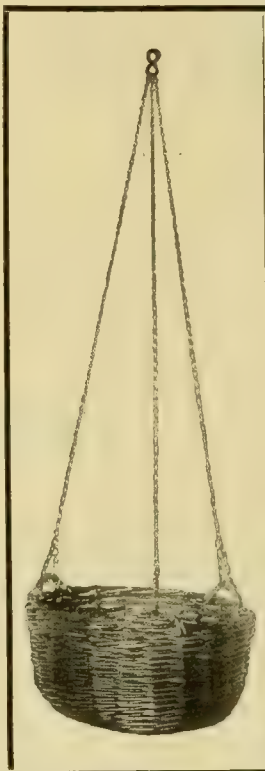
Miss Lou Boggess is the busiest lady florist in the city. She handled an exceptionally large number of orders during the week.

Chas. Biederman & Son report a fine trade. They arranged a splendid decoration at B'Nai Jehudah temple, using much fine stock.

T. J. Noll & Co. disposed of large quantities of roses, carnations and lily of the valley for commencement orders.

Visitors: E. C. Pruner, representing Poehlmann Bros. Co., Chicago; T. W. Reed, of the Waco Floral Co., Waco, Tex.; Jos. Lunnemann, of Kalen & Lunnemann, Boskoop, Holland.
E. J. B.

NEWPORT, R. I.—The flower stores on Bellevue avenue have opened for the summer season. In addition to Gibson Brothers, who maintain their establishment during the entire year, Joseph G. Leikens, Wadley & Smythe and Ralph Armstrong, all of New York, have branches here again this year.



Hanging Baskets

Ferries on Stands—Jardinieres
for the Sun Parlor, Porch and
Arbor—Window Boxes.

Bridal Staff Baskets

Shepherd's Crooks

Bride's Staffs, Etc.

If you have not already received one of
our illustrated circulars send for it to-
day. You should never be without one.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO.

Pittsburgh.

SUMMER DULLNESS IN EVIDENCE.

Excepting for a goodly number of June weddings, business seems to have departed from Pittsburgh for the summer. Flowers of all sorts are dirt cheap, with lots of stock of all kinds available. The cooler weather we have been experiencing is probably responsible for a fair quality of flowers to be cut at this time of the year. Roses, however, are not doing as well as usual at this time. Peonies have practically finished their season, a bad season at that, we might add. There are plenty of other outside flowers being offered, such as candytuft, stocks, canterbury bells, variegated daisies and the several odd members of the lily family. Lily of the valley is about the only article that is hard to obtain and is commanding fancy prices. Much more in the green goods line could be used than is being offered, especially plumosus and smilax. Activity in the supply line has dropped off considerably, but one cannot expect much in this line until fall.

NOTES.

The stork has been kept quite busy the past week, presenting George Wehrheim and Abe Krongold with girls. The smokes, we might add, were enjoyed immensely.

Among those erecting glass this year

is the Saxonwald Greenhouses at Castle Shannon, who are putting up a large addition to their big range.

The Liberty Flower Shop is the name of a new retail store doing business at Frankstown and Penn avenues, East Liberty section.

Rumor has it that George Mueschke may join the benedicts. George does not deny this himself, so we may look for a surprise soon.

De Forest Ludwig is back on the job again at his father's store greatly benefited in health by his recent visit to the southlands.

Thomas A. Joyce is attending the democratic convention at St. Louis, Mo., this week.

Carl Voelker is now in the employ of R. J. Deschbach of Wood street.

Visitors: H. G. MacLellan of the Ove Gnatt Co., Hammond, Ind.; S. M. Rosenfeld, of Wertheimer Bros., New York.

M.

SYRACUSE, N. Y.—Premiums totaling more than \$2,500 are offered in the section devoted to flowers and plants in the preliminary schedule of the state fair which will be held here September 11-16. David Lumsden, Ithaca, will act as superintendent of the department.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

NEW FERNS

New Ferns \$1.35 per 1000
 Dagger Ferns 1.15 per 1000
 Green Sheet Moss. 1.75 per bag
 Perpetuated Moss 3.50 per bag
 Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN.

ALABAMA

E. C. AMLING CO.

THE LARGEST,
 BEST EQUIPPED,
 MOST CENTRALLY LOCATED
 WHOLESALE
 CUT FLOWER HOUSE
 IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave..

Mention the American Florist when writing

BALTIMORE, MD.—Thomas Barker, manager of the Baltimore Cut Flower Co., after being fired at several times by a highwayman who attempted to hold him up in his office, chased the desperado a distance of eight blocks and had him taken into custody.

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.
 751 S. Broadway, LOS ANGELES, CALIF.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" 36-in.	4 00
" 30-in.	3 00
" 24-in.	2 50
" 20-in.	2 00
" 18-in.	1 00
Mrs. Chas. Russell....	50@ 2 50
Beauty, short	\$4 00@ 6 00
Hoosier Beauty	2 00@10 00
Killarney Brilliant	2 00@10 00
Killarney	2 00@10 00
White Killarney	2 00@10 00
Richmond	2 00@10 00
Prince de Bulgarie	2 00@10 00
Rhea Reid	2 00@10 00
My Maryland	2 00@10 00
Mrs. Geo. Sawyer	2 00@10 00
Milady	2 00@10 00
Sunburst	2 00@10 00
Mrs. Aaron Ward	2 00@10 00
Hadley	2 00@10 00
Ophelia	2 00@10 00
Double White Killarney	2 00@10 00
Mrs. Moorfield Storey	2 00@10 00
Cecile Brunner	2 00@ 3 00
George Elgar	2 00@ 3 00
Fireflame	4 00
Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas	per doz. 7 50
Gardenias	per doz., 2 00@ 3 00
Peonies	2 00@ 8 00
Tulips	2 00@ 4 00
Lilium Harristii	10 00@12 50
Mignonette	4 00@ 6 00
Sweet Peas	75@ 1 50
Valley	3 00@ 6 00
Adiantum Croweatum	1 00@ 1 50
Snapdragons	per doz. 75@1 50
Daisies	1 00@3 00
Spanish Iris	5 00@6 00
Calendulas	3 00@4 00
Ferns	per 1000, 3 50@4 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprengerii, Plumosa Soraya	3 00@ 4 00
Boxwood, 25-1b per case	7 50

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ANNOUNCEMENT.

We beg to announce that we have severed our connection with the corporation of Welch Bros. Co. and have opened our Wholesale Flower Market at 280 Devonshire St., Boston, where we shall be pleased to se ve our friends and customers to their satisfaction.

DAVID WELCH,
EDWARD J. WELCH.

WELCHS', WHOLESALE AND COMMISSION FLORISTS
FLORISTS' SUPPLIES

280 DEVONSHIRE ST.,

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Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

JUNE WEDDINGS MAINSTAY OF TRADE.

The June brides helped trade along considerably during the past week, for without the floral settings so indispensable to these wedding occasions, the situation would have been much worse, which some of the dealers say would have broken the record. There are quantities of flowers of all kinds. Peonies were very plentiful and realized little if anything to the growers, excepting in only the best grades; quantities were placed in cold storage in the hope of a better market later on. Carnations appear to be working overtime; they are very plentiful. Friday and Saturday were clean-up days in the commission houses; the fakirs hired wagons, gathering carnations up by the thousand at five to seven cents a bunch of 25 flowers. It was very fair looking stock and was sold on the corners in the shipping districts and business centers of the residence streets at 15 cents a bunch, two for a quarter. Oh! for another Mothers' day, when, only three weeks ago, the same grade of stock, much of it held for a week or possibly longer, brought \$4 to \$6 and even \$8 a hundred, with not enough to supply the demand. There are quantities of roses of very good quality, the continued cool weather keeping them in fine condition. Russell is a great favorite—more of this rose will be grown for next season. Easter lilies are plentiful and the lily of the valley growers looked out for the weddings, and there is no scarcity of this bride's flower. Sweet peas are now coming from outside and these will be a great factor for the next two or three weeks.

SUBURBAN SHOWS

That there is an increasing interest being taken in flowers by the general public is evidenced by the number of exhibitions being held in many of the suburban towns in this vicinity. One of the most pretentious, although an initial effort, was that of the New Century Club of Chester, Pa., the large, well appointed hall being filled with a splendid array of exhibits. A number of enterprising firms, H. F. Michell Co., Inc., and Thomas Meehan & Sons, Inc., of this city; G. S. Carr and Macaw Bros., of Norwood, and the Wm. H. Moon Co., Morrisville, Pa., rendered generous assistance and made attractive displays. Several of Chester's wide-awake retailers made displays, noteworthy among which were those of Harry E. Bloom, Rosary Flower

Wholesale Flower Markets

BOSTON, June 14.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, June 14.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 50	
Snappdragons.....	3 00@ 6 00	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....per 1000, 2 00		
Smilax.....	15 00	
Peonies.....	3 00@ 4 00	

CINCINNATI, June 14.		Per 100
Roses, Beauty.....per doz.....	\$1 50@5 \$ 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Richmond.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00		
Carnations.....	50 @ 2 00	
Rubrum Lilies.....	3 00@10 00	
Gladiolus.....	2 00@ 6 00	
Sweet Peas.....	25 @ 1 00	

Shop and Geo. H. Hart, The Bickmore Greenhouses, Wallingford, Pa., also had an excellent display of bedding plants, gladioli, carnations, etc. The judges were Fred Cowperthwaite, Dennis Kohain and Frank Michell.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
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Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

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Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

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Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

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Everything in the
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HOLTON & HUNKEL CO.

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Manufacturers of Wire Designs.

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If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

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Extra Quality Pink and White Killarney,
Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

The Pennsylvania Horticultural Society held its peony show in conjunction with the Main Line Flower Show Association. It was the best exhibition of its kind ever held by the society, both in exhibits and general interest. Mrs. J. Lester Davis (Frank Coll, Gr.) made a number of entries and captured a number of blue ribbons. James Boyd was first for a collection of 20 varieties, and W. S. Ellis captured the honors in the 10 variety class. Another highly creditable show was that of the Aldan Civic Association. There were 100 entries in the rose section, 16 in peonies, 40 in garden flowers, and 39 displays by children under 13 years of age. This was the first flower show of this society, and the attendance and general interest taken was very gratifying. The judges were S. S. Pennock, Alphonse Pericat, W. McThompson and Frank Michell.

The Civic Association of Ridley Park scored another success at its ninth annual show, the Auditorium being completely filled with meritorious exhibits. Features of this exhibition were the displays of H. F. Michell Co., Inc., and Macaw Bros., the former arranging a splendid assortment of roses, over 75 varieties, all labeled. The Macaw display of ferns was very fine. C. W. Ketchum's show-

GUST. RUSCH & CO.



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Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and
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C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, June 14			Per 100
Roses, Beauty, extra.....	20	00@25	00
first.....	10	00@15	00
" Mrs. Chas. Russell.....	8	00@15	00
" Killarney.....	2	00@8	00
" White Killarney.....	2	00@8	00
" Liberty.....	5	00@10	00
" Hadley.....	4	00@12	00
" Sunburst.....	3	00@8	00
" Ophelia.....	3	00@8	00
" Hoosier Beauty.....	4	00@12	00
Carnations.....	2	00@4	00
Cattleyas.....	35	00@50	00
Callas.....	6	00@8	00
Lilium Harrisii.....	6	00@8	00
Sweet Peas.....	50	@1	00
Snappdragons.....	3	00@6	00
Calendulas.....	2	00@4	00
Mignonette.....	3	00@4	00
Gladiolus.....	6	00@8	00
Larkspur.....	4	00@6	00
Asparagus.....	per bunch.	50	

PITTSBURGH, June 14.			Per 100
Roses, Beauty, special.....			25 00
" fancy.....			20 00
" extra.....			15 00
" No. 1.....			8 00
" Killarney.....	2	00@8	00
" My Maryland.....	2	00@8	00
" Sunburst.....	2	00@8	00
" Mrs. Aaron Ward.....	3	00@8	00
" Richmond.....	3	00@8	00
Cattleyas.....	30		00
Lilium Giganteum.....	8		00
Sweet Peas.....	50		
Spanish Iris.....	4		00
Yellow Daisies.....	2		00
Carnations.....	2		00
Adiantum.....	1		25
Asparagus Sprengeri, per bunch,	35	@40	

MILWAUKEE, June 14.			Per 100
Roses, Killarney and W. Killarney	3	00@8	00
" Ward.....	3	00@8	00
" Mrs. Chas. Russell.....	6	00@20	00
" Ophelia.....	3	00@10	00
" Hoosier Beauty.....	3	00@10	00
Lilies.....	8	00@10	00
Cattleyas.....per doz.,	6	00@9	00
Sweet Peas.....	50	@1	00
Carnations, fancy.....	1	50@3	00
Snappdragons.....doz.,	\$0.50@	\$0.75	

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We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

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Get our prices before placing
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Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, June 14.			Per 100
Roses, Beauty, medium.....			25 00
" short.....	4	00@8	00
" Killarney.....	4	00@8	00
" White Killarney.....	4	00@8	00
" Aaron Ward.....	3	00@6	00
" Sunburst.....	4	00@8	00
" Ophelia.....	4	00@8	00
" Hoosier Beauty.....	5	00@10	00
Cecile Brunner.....			2 00
Richmond Roses.....	3	00@6	00
Valley.....	4	00@5	00
Carnations.....	1	50@2	50
Callas.....	8	00@12	50
Lilies.....	4	00@8	00
Lilacs.....			4 00
Asparagus Plumosus, per bu.,	25	@75	
Ferns.....per 1000,	3	00	
Bronze Galax.....per 1000,	1	00	

ing of terra cotta garden pottery also attracted much attention. Narberth, another suburb, had its second annual show, June 10. There were a large number of exhibits and a good attendance. The displays were all arranged by private gardeners, there being no trade exhibits. Decorated tables and baskets were features.

NOTES.

Alfred M. Campbell has purchased the entire establishment—greenhouses, land, stock, cars, etc., of the Strafford Flower Farms of E. A. Stroud, Strafford, Pa. It is a splendid plant, up to date in every respect. There are 22 acres of ground with 60,000 feet of glass filled with high-grade stock. Mr. Campbell will use this in addition to his Collingdale greenhouses in raising carnations, chrysanthemums and other cut flowers for the Philadelphia market. He takes possession on July 1st.

E. R. Martin, who purchased the Vollers' House of Flowers business at 1725 Chestnut street, brought suit Monday, June 11, against S. S. Pennock, trustee for the creditors, alleging that misrepresentations had been made and demanding the return of his money. The purchase price was \$5,000, of which \$2,500 had been paid. The trustee denies any misrepresentation, the fullest opportunity being given to examine all books, papers, stock, etc.

J. W. Colflesh Sons purchased 19 acres of land at Glendolen a year ago, on which they are now erecting three houses, each 25x150 feet. They will gradually increase this and remove from their present location at 53rd and Woodland avenue. In this new location they will have greatly increased facilities. There are three brothers in this firm, all hustlers, who will make this one of the representative firms of the city.

W. H. Pike, Bryn Mawr, who has built up a thriving retail business, is offering this for sale, as he is about to return to England to go into the army. Here is a fine opportunity for an energetic man. Although only established two years, there has been a steady increase in the trade of this rapidly growing community.

The florists' club accepted the invitation of the Bell Telephone Co. to a luncheon given in the company's new building, June 9. More than 100 members attended. After a substantial lunch, the building was inspected, and an explanation given of the intricacies of the system, which was very interesting.

Edward Reid is interested in watching a crowd of the street gentlemen who gather opposite his store these days. He cannot understand why they snap their fingers so much. The stock of Russell roses and lily of the valley are features of his list.

The Florex Gardens, North Wales, Pa., are still cutting very good Prima Donna roses. They claim this is a very fine summer variety. Eugene Bernheimer is handling the stock in this city.

The Poryzees Flower Co., in the basement at 15th and Chestnut streets, has closed its doors. Mr. Poryzees has been ill for several months. There are liabilities of about \$2,000 with no assets.

The Quality Florists, of Camden, have just put on the street a fine Overland car. Things are booming across the river since they celebrated their 100,000 population.

Felix Myers, the hustling Haverford avenue retailer, now covers his territory with a Ford car. Business, he reports, has been much better since the first of the year.

American Beauty roses, snapdragons and high-grade sweet peas are features of the Leo Niessen Co.'s stock. Cattleyas are also seen in quantity.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

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THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Mention the American Florist when writing

Berger Bros. are featuring high grade gladioli, Easter lilies and sweet peas. Lily of the valley is also a feature. K.

New York Florists' Club.

The club met in its rooms in the Grand Opera House building on the evening of June 12. President Weston in the chair. Being the last meeting before vacation, the attendance was not quite as large as might have been expected. The leading feature of the meeting was a report from Secretary Young, for the flower show committee, which showed that the show of 1916 was a financial success. The total receipts from all sources were \$41,727.76, the total expenditures were \$10,305.55, leaving \$31,421.19 to be divided, half of which goes to the exposition company and covers the rent of the palace and its profit, and half to be divided between the Horticultural Society of New York and the New York Florists' Club after the premium list has been provided for. Nearly \$5,000 in special premiums was collected, and after the balance of the prize list is deducted from the share of the Horticultural Society of New York and the New York Florists' Club, there will be a substantial profit to both organizations.

George Cohen, Paterson, N. J., and Nicholas Butterbach, New Rochelle, N. Y., were elected members. Arthur Herrington, who is acquiring fame as a manager of flower shows, made an interesting address. Chairman Hildebrand and his staff of the house committee were active in providing the eats. A. F. F.

Teaneck, N. J.

At the Teaneck Greenhouses, of which Joseph Raffertzer is proprietor, we noticed many fine geraniums. He also grows good callas, but has taken them out to make room for a large stock of chrysanthemums.

Herman Encke has had a very successful season with sweet peas and is now planting chrysanthemums, of which he will put in 50,000 plants. His stock is sold by H. E. Froment, New York.

Teaneck, it may be stated, is on the Hudson River electric line, between the Hudson river and Hackensack. From New York this line is reached by the 129th street ferry.

John H. D. Sohnke is one of the pioneer florists of Teaneck, has a neat range and grows a variety of stock. A. F. F.



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Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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FARRAGUT { 2036
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(Opposite Coogan Building)

20 years experience

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WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, June 14.		Per 100
Roses, Beauty, special.....	10 00@	25 00
" extra and fancy.....	8 00@	10 00
" No. 1 and No. 2.....	2 00@	5 00
" Prima Donna.....	1 00@	8 00
" Alice Stanley.....	50@	5 00
" Francis Scott Key.....	50@	6 00
" Mrs. Geo. Sawyer.....	50@	5 00
" White Killarney, special.....	4 00@	5 00
" Killarney, My Maryland.....	4 00@	5 00
" special.....	4 00@	5 00
" No. 1 and No. 2.....	50@	1 00
" Queen.....	50@	5 00
" Brilliant.....	50@	5 00
" Aaron Ward.....	50@	6 00
" Richmond.....	50@	4 00
" Sunburst.....	50@	5 00
" Tait.....	50@	5 00
" J. L. Mock.....	1 00@	6 00
" Hadley.....	1 00@	15 00
" Ophelia.....	50@	5 00
" Mrs. Chas. Russell.....	50@	8 00
" Hoosier Beauty.....	50@	5 00
" Ulrich Brunner.....	1 00@	15 00
Cattleya Orchids, special.....	30 00	
" inferior grades.....	10 00@	20 00
Lilies, Longiflorum and Harrisii.....	2 00@	5 00
Lily of the Valley.....	3 00	
Carnations.....	50@	1 50
Adiantum Croweanum and		
Hybridum.....	1 50@	2 50
Asparagus Plumosus..... doz. bchs.	2 00@	2 50
Smilax..... doz. strings.....	1 25@	1 50
Sweet Peas, orchid flowered.....	25@	75
Snapdragons..... per doz.....	10@	25
Callas..... per doz.....	50@	.75
Peonies.....		1 00
Iris, Spanish.....	75@	2 00
Daisies, Yellow.....	50	
Corn Flowers.....	1 00@	1 50

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.

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 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

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Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

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 Successor to Kessler Bros.
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WHOLESALE PLANTSMEN AND FLORISTS
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 Prompt and satisfactory. Consignments solicited

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 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

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WHOLESALE FLORIST

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121 WEST 28th STREET
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 A complete assortment of the best in the
 market can always be relied upon.

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Nashville, Tenn.

QUIET TRADE FOLLOWS SCHOOL CLOSINGS.

There has been a slacking up in trade since the closing of the schools and the commencement season is now practically over. There is still a great deal of funeral work and the June weddings have kept business fairly good. Roses are not as abundant as they were, for the growers are cleaning up their benches and beginning to prepare for the winter season, and at all the establishments there is general hustling. Flowers are not scarce, however, and there is still a good cut with some of the dealers, although a comparative scarcity with others. There seems to be still plenty of Harrisii lilies, but carnations and lily of the valley are short.

NOTES.

The Joy Floral Company is engaged in the work of remodeling and rebuilding, but will not build additional houses, as they already have an extensive range. They have torn out and replaced 40 benches which are being replanted to roses and carnations. Chrysanthemums will be put in later. They have a nice cut of roses but lily of the valley is scarce. They still have a fine lot of peonies, both white and pink. The families of each and all the Joys will spend the summer at their home places, as they cannot improve upon the suburbs of Nashville as a summer resort. Tom H. Joy will attend the Rotary Club convention in Cincinnati in July.

Gentry Bros. will not build any new houses, but are remodeling the old and making them practically new. In all the houses they are building new concrete benches and doing a general cleaning up. Their roses are off crop, but they have an abundant supply of lilies and other flowers. The brothers, Oscar and Leon, have purchased an eight room cottage at old Jefferson Springs, and will go there to spend the summer with their families.

Charles Green, another comer, brought in a fine lot of hydrangeas and made good sales on them. Both the latter are located in North Nashville.

Charles Trichter is coming on as a florist and has had many fine plants on sale at the Market house.

M. C. D.

Minneapolis.

STOCK IN AMPLE SUPPLY.

The market is well stocked with everything from myosotis to Ophelia roses. Lily of the valley, however, is scarce and is priced at five cents. New ferns have made their appearance. Russell roses are quoted at from \$6 to \$25 per 100. There are no American Beauties. Carnations sell at from \$1 to \$2.50 per 100. Daisies go at 50 cents to \$1. The supply of plants in this vicinity is about cleaned up.

NOTES.

The florists' club held its regular meeting and postponed all meetings until the first Tuesday in September.

The Minnesota State Florists' Association will hold its next meeting at the store of Holm & Olson, St. Paul, June 22. Theodore Wirth will give a

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

ACTUAL
SIZE.

Mention the American Florist when writing

lecture on "Minneapolis Parks," illustrated by stereopticon views. He will be followed by W. E. Meyer, who will speak on "Outdoor Rose Culture." Several other good speakers are also on the programme. Every florist, nurseryman, seedsman and gardener in the state is cordially invited to attend this meeting.

Will Bros. are cutting some extra fancy Ophelia and Milady roses.

The W. D. Desmond Co. is sending in some very fine Gladiolus America and Butterfly sweet peas.

Cal Rice of Rice Bros. is on a fishing trip at the northern lakes, accompanied by a party of friends.

T. C. R.

Remedies For "Chiggers."

If a bath in hot water, or in water containing salt or strong soap, is taken within a few hours after exposure in shrubby and weeds infested with "chiggers," or "red bugs," no ill effects will be experienced. After a long exposure, however, a bath has practically no effect, and direct remedies are necessary.

After irritation has set in, and small red spots appear, the application of a moderately strong solution of ammonia to the affected parts is recommended by the United States department of agriculture's entomologists. A supersaturated solution of bicarbonate of soda, or common cooking soda or saleratus, will afford relief. Liberal applications should be made until the irritation subsides. If the suffering is severe, a dilute tincture of iodine or collodion should be lightly applied.

Tri-City Florists' Club.

The regular meeting of the Tri-City Florists Club was held at the residence of H. Pauli, June 8, with a large attendance. President Ludwig Stapp presided. A. F. Longren and Max Rasmussen were visitors of the evening. The Sunday closing movement was taken up and it was decided to close all greenhouses at noon on Sundays and to make no deliveries in the afternoon, all members to conform with this rule. The annual picnic will be held on Rock River, July 13.

W. G.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
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NEW CROP

Fancy Ferns\$1.35 per 1000

Dagger Ferns 1.15 per 1000

Green Sheet Moss..... 1.75 per bag

Perpetuated Moss..... 3.50 per bag

Lyrata (Evergreen Oak

Foliage)..... 2.50 per case

Edward A. Beaven,
EVERGREEN, ALA.

Mention the American Florist when writing

War Note.

"I observe," said Bildad, "that these German submarines are paying all their attention to steam vessels. I haven't seen any record of their sinking any of our big schooners."

"No," said Dubbleigh. "The schooner is a symbol of sentiment with the Teuton, and he doesn't like to think of it in connection with a watery bier."

Lawn Making.

"This is a fast age we're living in." "Yes, indeed. I can remember when we used to grow lawns from grass seed; now we kick if the men laying sod take over half a day to do the job!"—Detroit Free Press.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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15th and H Sts.

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505 MADISON AVENUE.

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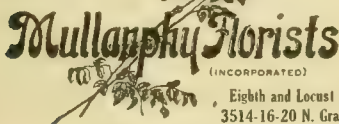
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STORES

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536 SOUTH SALINA STREET
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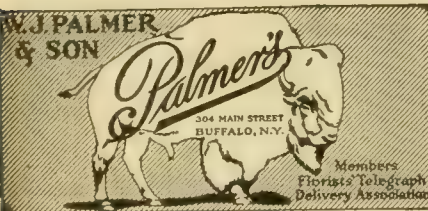
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Max Schling

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Alexandria Florist, The, Los Angeles, Calif.
Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L. Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, S and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Eyenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardisty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hendle, Miles S., Syracuse, N. Y.
Heiml & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metallic Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Potter Floral Co., El Paso, Texas.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Sakelos, G., New York.
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Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
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Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—The Alexandria Florist.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
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New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
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Providence, R. I.—T. J. Johnston & Co.
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Rochester, Minn.—Rochester Floral Co.
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St. Louis, Mo.—Mullanphy Florists.
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St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
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Oklahoma City.

COOL WEATHER AND STEADY TRADE.

Business is holding its own very nicely. The weather continues cool and this is no doubt in a measure responsible for the steady trade that the florists are enjoying; usually at this time of the year the weather becomes so warm that the demand for flowers assumes a summery and quiet mood. There is an occasional June wedding to be provided for, but none of large proportions have developed lately.

NOTES.

The coming convention of the S. A. F., which will be held at Houston, Tex., August 15-17, is already beginning to receive attention from members of the craft and it is expected that there will be a delegation of good proportions from this city, the distance to the convention city being but 500 miles, so long mileage can hardly be put forth as an excuse for non-attendance.

There is a whisper abroad that a wholesale market is to be established in this city. It is intimated that both flowers and plants will be handled and growers in all parts of the state will be induced to become stockholders in the organization. Such an establishment would be a great benefit to both the city and state, and we say "go to it"—by all means.

Visitor: A. S. Gray, president of the Oklahoma State Florists' Society, Chickasha, S. S. B.

LANCASTER, PA.—Harry A. Schroyer, well-known florist, has been elected treasurer of the school board of this city.

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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D. M. McMurray
FLORIST
105 East Abriendo Ave.

Los Angeles, Calif.

Alexandria Florist
603 Title Guarantee Bldg.

Los Angeles, Calif.

SEKI BROS. & CO.
Wholesale and Retail Florists
We grow our own flowers All kinds of Decoration a Specialty
Phone A-2550 229 W. 4th Street

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith
853 So. Olive St., Los Angeles, Calif.
Every Order sure to receive prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.

EVENDEN BROS. CO.
Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher
Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"
Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.
Member of Florists' Telegraph Delivery.

Fort Wayne, Ind.

Counter trade has been poor due to inclement weather, but the call for graduation flowers and wedding decorations has been good. The demand for bedding plants continues good.

NOTES.

The Flick Floral Co. is exceptionally busy with June wedding decorations for both city and out-of-town points. A fine display of boxwoods and window boxes are attracting attention at the West Berry street store.

The board of park commissioners have been doing some exceptionally fine work in planting the boulevards and parks, the shrubs and bedding plants coming from the city greenhouses.

Flag day, June 14, was the occasion for an elaborate celebration in this city. The window decorations of the florists in honor of "Old Glory" were especially worthy of mention.

Judge W. J. Vesey and daughter, Margaret, and W. J. Vesey, Jr., and wife, are visitors at Delaware, O., this week.

H. K.

LOUISVILLE, KY.

AUGUST R. BAUMER,
MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son
5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,
THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

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FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.
Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.
Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, Chicago, June 20-22, 1916.

FRENCH shippers claim that the cost of bulb cases this year will be 3.25 francs.

SWEDESBORO, N. J.—Edgar F. Hurff will not be able to attend the seedsmen's convention this year.

GRAND RAPIDS, MICH.—The A. J. Brown Seed Co. will close its year July 1 with a 15 per cent increase.

CHICAGO.—Prices for grass seed on the Board of Trade June 14, were as follows: Timothy, \$5.50 to \$8.50 per 100 pounds.

THE Mills Seed Co., Washington, Ia., filed a petition in bankruptcy last week. The firm has been practically insolvent for a year.

VISITED CHICAGO: A. T. Ferrell, of A. T. Ferrell & Co., Saginaw, Mich.; Adolph Corneli, of the Schisler-Corneli Seed Co., St. Louis, Mo.

CINCINNATI, O. — J. Chas. McCullough says the summer seed trade has been very good and is holding on late with a good outlook for business.

THE decision of the British government prohibiting the importation of Dutch bulbs is not likely to be changed, according to prominent men in the English trade.

ST. LOUIS, MO.—R. W. Pommer, of D. I. Bushnell & Co., left June 10 for the east, having shipped his car to Buffalo and starts on an auto tour from that point with a party of friends.

THE A. T. Ferrell Co., makers of seed cleaning machinery for the seed trade, reports that it now pays for the zinc used in its machinery 32 cents per pound against a former cost of six cents per pound.

MOORESTOWN, N. J., June 9.—The Stokes' Seed Farms Co., says the total volume of business for the year will be approximately 50 per cent ahead of last year. Collections do not start until July 1, but present market conditions are firm and farmers' money should be freer than for three years past.

WHILE the seed trade of Chicago has been officially notified by the national organization that there is to be no entertainment during the annual meeting next week, convention city seedsmen feel that they must do something to break the monotony of business routine, but there has been no decision in the matter as we go to press.

SEEDSMEN in the west and north-west who made extra preparation for a good supply of medium and early seed corn, mostly of 1914 crop, are complaining of the slow demand. The average corn grower seems at last to have profited by several years' experience and has saved or otherwise supplied his needs early for this planting season. It is somewhat doubtful whether the 1914 corn carried over again will hold its germinating power.

Quality In Seeds.

The admirable article by Will W. Tracy, which appeared in THE AMERICAN FLORIST of June 3, page 1064, upon the subject of merit as to quality in vegetables is in full accord with the spirit pervading the minds of all really progressive market gardeners who now insist upon inherent qualities rather than as shown in impossible pictures and as given in deceptive printed descriptions.

Market gardeners fill a distinct position as compared with private gardeners who can take chances, as the latter are not dependent for their living upon the crop results. Market gar-



J. M. Lupton, Mattituck, L. I., N. Y.
President American Seed Trade Association.

deners, on the contrary, must plant those seeds which will bring them the greater volume of those dollars which are the object of their summer's work. They do not want new sub-varieties just because they are sufficiently distinct in some particulars as to warrant a new name, possibly new in some minor qualities, but altogether impossible as money makers or at the best, if worthy of culture in one locality, entirely unfitted for culture in another locality. Descriptions seldom tell on what soil such new sorts will be found most profitable, still less under what conditions of rainfall or solar heat, or period of maturity for table, respecting other more profitable sorts, which come into bearing at the same time. The thoughtful market gardener can not afford to take chances as is clearly evinced by the growing indisposition to take up with new garden vegetables until they have been tested as to their various qualities of hardiness, productiveness, and attractiveness in the basket or on the market stand, for all the while the market gardener must look for his cash returns, he must please the buyer

if he expects to pile up the coveted dollars.

Our business experience is that within the past few years far greater attention is rightfully given by market gardeners to the quality of vegetables than to the price per pound for the planting seed. This latter, while it must be considered, is of little consequence if the quality of the vegetables prove to be all right, the comparative cost of the seed being just nothing compared with profitable or unprofitable crop returns.

The market gardener, without any silly speculation in seeds of unknown qualities, has enough else to fight when he bucks up against nature, the droughts and deluges, the heat and cold, the hail, the bugs, the fungus, and the slump values after he gets the stuff to market.

D. LANDRETH SEED CO.

Iowa Seed Dealers' Association.

The annual meeting of the Iowa Seed Dealers' Association, held at Des Moines, Ia., June 7-8, was attended by about the usual number, as named in our issue of June 10, page 1113, a very enthusiastic gathering, and the meeting was very instructive and profitable. Former President Charles N. Page gave a very interesting address outlining the history and origin of the association. Addresses were also made by Prof. Hughes, of Ames College, and Mr. Redfern, of the Iowa State Food and Dairy Commission.

The matter of the non-warranty clause was discussed and it was the opinion of all that it should be retained just as it is, that non-warranty was important, and that without it the seller of seeds would not be properly protected. A committee was appointed to advise the American Seed Trade Association at the Chicago meeting of the action taken and urge the members to stand pat on non-warranty.

The officers elected for the ensuing year are as follows: W. C. Grote, of the Younkerman Seed Co., Council Bluffs, president; E. M. Cole, of Pella, vice-president; A. M. Eldridge, of the Henry Field Seed Co., Shenandoah, secretary; Hon. John T. Hamilton, of Cedar Rapids, treasurer, who by the way, was elected to that office for the tenth time.

Des Moines was named as the permanent meeting place of the association.

SYRACUSE, N. Y.—The store and warehouse of Chas. F. Saul was saved from destruction recently only by prompt action of the fire department when fire broke out in an adjoining building. Some loss was caused by smoke.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Crops in Massachusetts.

Boston, June 7.—The late spring and the excess fall of rain this year will cause a loss of about \$5,000,000 to the farmers of the State of Massachusetts. This is the opinion of Secretary Wilfrid Wheeler of the state board of agriculture, who says that the owners of farms were passing through one of the most trying periods in years. "The loss in crops," said Mr. Wheeler, "will probably average \$5 an acre over 1,000,000 acres of improved land in this commonwealth. If the season makes up later on, however, and runs along well the loss may be reduced."

The principal cause for the serious conditions is the exceptionally late spring and the excess fall of rain.

The labor problem is growing more and more serious. Both the market gardeners near the large cities and the farmers in the more rural communities report that it is almost impossible to hire help. The only result is that in such instances the farmers are not planting the ordinary crops, although they have no difficulty in finding a ready market for almost anything they can raise.

Large growers of corn say that the planting has been unsatisfactory. The asparagus crop is the poorest known in years, due to the cold weather.

Reports from the Connecticut Valley are to the effect that the onions are doing well. This is a crop that can stand considerable water. The strawberry crop is promising. There was a heavy blow and the berries are forming well.

The hay crop promises to be one of the best in years, providing, of course, that the harvest time is dry and fair. Mr. Wheeler would not be surprised if the value of this year's crop would be \$3,000,000 in excess of the record of \$11,280,984 in 1909. It has been an exceptionally good season for dairying. The pastures everywhere are green, the cattle having all the grass they can eat. Generally speaking, green feeding in the barn is unnecessary.

The apple crop promises to be good. Seldom has there been a better bloom than this spring.

LILIES-LILIES

For Summer Work

	Per 100
Lilium Giganteum.....	\$ 6.00
Lilium Album, 8- 9 inch (170 to case).....	11.00
Lilium Album, 9-11 inch (100 to case).....	16.00

Lily of the Valley Pips

Holland Grown.....500 for \$ 9.00	Danish Grown..... 500 for \$10.50
Holland Grown .....1000 for 17.00	Danish Grown..... 1000 for 20.00

GLADIOLUS (Sound Bulbs)

For Late Planting

	Per 1000		Per 1000
America, first size.....	\$10.00	Augusta, first size.....	\$10.00
America, second size.....	8.00	Princess, first size.....	15.00
Chicago White, first size.....	25.00	Mrs. Francis King, 1½ in....	9.00

Chicago Vaughan's Seed Store, New York

French Bulbs

A. & L. BREMOND FRERES,
Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

MANN'S Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

REMONT, - - - NEBRASKA

Mention the American Florist when writing

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

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My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

VALLEY

FROM STORAGE

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

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97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

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GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in.....doz.,	\$1.00;	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
1830

HOLLAND

Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

Bulb Catalog Ready Now

Suppliers to the American Trade Since 1840

Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

THE BOOK OF
GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

CARNATIONS

STANDARD VARIETIES

	Per 100	1000		Per 100	1000
Pink Sensation.....	\$6.00	\$50.00	White Wonder.....	3.00	25.00
Alice.....	6.00	50.00	White Enchantress.....	\$3.00	\$25.00
Matchless.....	3.50	30.00	Rosette.....	3.00	25.00
Champion.....	3.00	25.00	Enchantress.....	3.00	25.00

Chrysanthemum "EARLY FROST," rooted cuttings, immediate delivery,
\$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

BEGONIAS

We make a specialty of begonias; you will like our stock: prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Cincinnati, 2½-in.....	15.00	120.00	Prima Donna, 3-in.....	\$ 4.50	\$40.00
Lorraine, 2½-in.....	\$12.00	\$100.00	Prima Donna, 4-in.....	6.00	50.00
Chatelaine, 2½-in.....	3.50	30.00	Xmas Red, 2½-in.....	6.00	50.00
Chatelaine, 3-in.....	5.00	45.00	Xmas Red, 3-in.....	8.00	70.00
Chatelaine, 4-in.....	6.00	50.00	Xmas Red, 4-in.....	10.00	90.00
Luminosa, 2½-in.....	2.50	20.00	Vernon, 2½-in.....	6.00	50.00
Erfordii, 3-in.....	6.00	50.00	Vernon, 3-in.....	8.00	70.00
Prima Donna, 2½-in.....	2.50	20.00	Vernon, 4-in.....	10.00	90.00

PYFER & OLSEM, - Wilmette, Ill.

BEGONIA BEGONIA
Luminosa Erfordii
SEEDINGS

\$5.00 per 1000 Cash with order

PETER WENK
OZONE PARK, N. Y.

Mention the American Florist when writing

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.
The Import House
95 Chambers St., NEW YORK

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

CARTHAGE, MO.—A vegetable house, 84x500 feet, is being added to the range of the Fairview Greenhouses.

BALDWINVILLE, MASS.—Two houses, each 100 feet long, have been purchased by Frank Cogswell, and will be planted to cucumbers.

THERE was continuous rain throughout New York on June 7 and 8, which was favorable for planting, except on heavy land. Tomato plants are now in demand and the prospects are that the planting season on account of the late spring will be extended well into June.

CHICAGO, ILL.—The Vegetable Growers' Association of America may hold its annual convention here this year, some time in October or November. Officers of the association are meeting with interested local people at the Hotel La Salle, June 15, when a formal invitation will be extended.

Prices of Indoor Fruits and Vegetables.

Chicago, June 13.—Mushrooms, home grown, No. 1, 85 cents per pound; lettuce, cases, 10 to 17½ cents; radishes, 50 cents to \$1.00 per 100 bunches; celery, \$1.75 to \$2.00 per crate; tomatoes, six baskets, \$2.25 to \$4; cucumbers, per doz., 50 cents to 80 cents.

New York, June 13.—Celery, per 12-inch crate, \$1.00 to \$2.00; cucumbers, 75 cents per dozen; mushrooms, \$1.00 to \$2.50 per 4 pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per dozen bunches, 25 to 35 cents.

Cucumber Mosaic Disease.

A new disease of cucumbers, known as the mosaic disease, has appeared during the past few years in commercial greenhouses and in fields where cucumbers are grown for pickling purposes. The disease is now most widespread and severe in the middle west, where the industry of growing cucumbers for pickling is centered. In greenhouses the disease was reported from Illinois as early as 1908, and is known to occur to a more or less limited extent in New York, Louisiana, Pennsylvania, and other states.

APPEARANCE OF DISEASED PLANTS.

The mosaic disease is commonly known in Michigan, Indiana, and Wisconsin as "white pickle." In Minnesota it is commonly called "nubbins." The disease is characterized in the field by definite plant, fruit and leaf symptoms. The leaves of diseased plants are dwarfed, often curled and wrinkled, and usually have a mosaic or marbled appearance in which areas of light and dark green alternate. In some cases the leaves brown and die back from the tip. The fruits are very conspicuously affected, being dwarfed, more or less mottled or

blotched with areas of darker green on a background of light green, greenish yellow, or almost white. In the most decided cases the green areas are raised and appear as definite warts or protuberances, sometimes of considerable size, and the fruits take on many abnormal shapes. In some cases the fruits are almost white, hence the name "white pickle." The discoloration and warty condition of the fruits, which often appear on cucumbers not more than an inch or two long, render them unfit for pickling purposes, so that in addition to the great reduction in yield caused by the disease, many, if not all, of the fruits produced by diseased vines are unmarketable. In the greenhouse the disease appears to be more virulent, many of the plants wilting and dying.

NATURE OF THE DISEASE.

The mosaic disease has recently been studied by the Michigan experiment station in co-operation with the bureau of plant industry, United States department of agriculture, and by the University of Rochester in co-operation with the Cornell University agricultural experiment station and its nature discovered. It belongs to the same class as the other mosaic diseases of tobacco, potato, tomato, poke weed, and other plants, which have been known for some time. The exact cause of this class of trouble has not been discovered, but it is considered to be what is known as a filterable virus, an agent of infection which is so finely divided that it will pass through a porcelain filter and still retain its ability to reproduce the disease when injected into healthy plants.

CONTROL MEASURES.

Judging from the nature of the disease and from the preliminary experiments thus far carried out, the remedial measures indicated are (1) the eradication or control of insect pests which act as carriers of the disease, and (2) the application of sanitary measures to eliminate the sources of infection. To be most effective, these methods must be carried out by all the farmers of a community. Rigid insect control measures should be started as soon as the plants are up and continued throughout the season. The fields should be gone over repeatedly, especially previous to the beginning of picking and all mosaic diseased plants pulled and destroyed, as well as plants with which they have come in contact. Owing to the fact that greenhouse conditions are much more completely under control than field conditions, it would seem an easier task to control the disease there.

Twenty Million Dollar Strawberry Crop.

Twenty million dollars' worth of strawberries are being passed from the place of production to the consumer in the current strawberry year. This statement is made by the lecturer on commerce in the educational department of the National City Bank of New York in his discussion of the fruit trade of the world and its relations to banking. The strawberry crop of the United States, he said, seems a comparatively small matter, but it illustrates the importance of this single feature of our industry, the fruit crop, to the banking interest; for a strawberry crop, which represents \$20,000,000 at the place of production and must be marketed within a comparatively few weeks' time, requires of itself a very considerable financial aid during its busy season.

Foreign Notes.

The annual consumption of potatoes in Argentina is approximately 55,000 tons or a little over 150 tons per day. In 1915 important shipments came from the United States.

To assist worthy workmen to combat the increasing cost of living, the authorities of St. Etienne, France, have set aside 70 acres of tillable soil and applicants with families will be allotted plots of 360 square yards. The produce must be for the use of the worker's family.

That New Vegetable.

Connecticut Lady: "Ye lazy, goodfer-nawthin! There wuz nawthin' t' keep you fr'm plantin' an acre or two o' shrapnel; ev'r'body else is gettin' rich on jt."—Life.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Flower Seeds For Summer Sowing.



CINERARIA—Vaughan's Columbian Mixture.

Our List of "Flower Seeds for Summer Sowing" now on the press; will be mailed shortly.

Asparagus Plumosus Nanus.

Northern
Greenhouse Grown.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.00.

Asparagus Hatcherii. Finer, heavier and more rapid grower than Plumosus. 100 seeds, 60c; 1000 seeds, \$4.50.

Asparagus Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1000 seeds, 75c; 5000 seeds, \$3.50; oz., 50c.

CALCEOLARIA HYBRIDA.

Vaughan's Extra Choice Mixed. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. Trade pkt., (1000 seeds), 50c; 3 trade pkts. for \$1.35.

CINERARIA.

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. Trade pkt., (500 seeds), 50c; 3 trade pkts. for \$1.40.

DRACAENAS.

	Trade pkt.	Oz.
Indivisa Lineata	\$0.10	\$0.40
Indivisa. Narrow green leaves.....lb.,	\$3.50	.10 .30
Latifolia .....	.10	.50
Australis. Green and red colored leaves.....	.10	.50

GLOXINIA HYBRIDA.

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal types. Pkt., (1000 seeds), 50c; 3 trade pkts. for \$1.25.

Vaughan's Seed Store,

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Grafted Roses

All the best varieties,
December propagation;
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Splendid Stock.

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If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

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2½ and
4-inch pot **ROSES**

In Good Assortment.

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Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00

Ready for Immediate Shipment.

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"Hoosier Beauty"

Own Root. Extra Strong Plants

3-in., \$12.00 per 100, \$100 per 1000.

F. Dörner & Sons Co., Lafayette, Ind.

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GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

ALBANY, N. Y.—A plan is under foot to buy ten million dollars' worth of land in the Adirondacks and the Catskills to add to the forest preserve. A bond issue is to finance the proposition.

HOUSTON, TEX.—C. L. Brock, superintendent of parks in this city and in charge of the Convention Garden, is one of the organizers of the Young Men's Business League, which will prove a factor in the entertainment of visitors to the S. A. F. convention to be held here, August 15-17.

Dewberry Plantations.

The dewberry, which has proved profitable in many sections, as it ripens earlier than the true blackberry, which it resembles greatly in some respects, is discussed in Farmers' Bulletin 728 of the United States department of agriculture. At present the dewberry is grown most extensively in North Carolina and New Jersey, but there are also plantations in Maryland, Texas, Michigan, Missouri, Colorado and other states. In the south where the growing season is long, the canes, both old and young, are usually cut off after the fruit is picked. In northern regions where the season is too short to secure a large amount of new growth, the old canes only are removed. The duration of a plantation will depend on the attention it receives. In North Carolina plantations 15 years old are still productive.

American Association of Nurserymen.

The nurserymen of Rochester, N. Y., are endeavoring to secure a special train from that city to the forty-first annual convention of the above association at Milwaukee, Wis., June 28-30, but in order to have this train 100 tickets are required. If interested and intend making this trip, members are requested to communicate with E. S. Osborne, 448 Cutler building, Rochester, N. Y., at the earliest possible moment in order that arrangements can be made with the representatives of the New York Central Lines. Mr. Osborne will consider it a favor if members of the association will indicate

whether or not this feature of a special train and special service appeals to them or not, so that he may be governed by the replies received.

The New York Central Lines have agreed to run special sleepers from Boston and New York, leaving Boston at 7:35 p. m., Sunday, June 25; leaving Springfield 10:28 p. m., leaving New York 11:30 p. m., picking up nurserymen along the line, and arriving at Rochester the following morning, June 26, at 8:13 o'clock. It is



E. S. Welch, Shenandoah, Ia.
President American Association of Nurserymen.

planned to spend the day in Rochester, and leave for Milwaukee late in the afternoon or early evening, June 26, picking up Ohio delegates at Cleveland, and the Michigan delegates at Toledo. If sufficient nurserymen can be interested coming from other points, special cars will be run for them also.

PEONIES and IRIS

Write for list.

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JAPANESE TEA GARDEN

—AND—

ROCKERY

For your summer house, made in a short time.

T. R. Otsuka, 300 S. Michigan Ave. CHICAGO.

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ROSES, CANNAS

Shrubbery

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

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is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

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TREE, SHRUB
AND PALM..

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EAGLE ROCK STATION, LOS ANGELES, CALIF.

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P. E. FELLOWS, MGR. (MEMBER AMERICAN ASSOCIATION OF NURSERYMEN)

Joseph Heacock Company's Price List of HOME-GROWN PALMS

Kentia Forsteriana

Leaves	In. high	Each	Per doz.
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

In. high	Each
9-in. cedar tub, 4 plants in tub, 40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	18.00

Cibotium Schiedei

We have a splendid stock of this attractive fern now ready.

9-in. cedar tub, 5 foot spread, heavy, at.....	\$4.00
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Areca Lutescens

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....4.....	8 to 10.....	\$1.50	
3-in. pot.....5.....	12.....	2.00	
4-in. pot.....5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	26.....	1.25	15.00
6-in. pot.....6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....6 to 7.....	34 to 36.....	2.50	30.00
7-in. cedar tub.....6 to 7.....	36 to 38.....	3.00	36.00
9-in. cedar tub.....42 to 45.....	40.....	4.00	48.00
9-in. cedar tub.....45 to 48.....	5.00		

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Soft Wooded Plants

— Write —

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PEKIN, ILL.

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BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½ -ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½ -ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
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Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....	\$5.00 per 100
3-in. pots.....	8.00 per 100

GODFREY ASCHMANN,

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25,000 Chrysanthemums READY NOW

In over 20 varieties: early, medium and late, from 2 and 2½ inch pots. Fine stock.

Late Cabbage plants, \$1.50 per 1000.

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Florist.
Washington, New Jersey.

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Araucarias Wanted

Wanted—For immediate delivery, 500 plants Araucaria Excelsa, 2 to 3 whorls.

Key 645, care American Florist

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BOXWOOD

	Each	In Tubs	Pair
PYRAMIDS — 2½-ft.....	\$2.00		\$3.75
3 -ft.....	2.50		4.50
3½-ft.....	3.50		6.00
4-ft.....	4.50		8.00
BUSH — 18-inch.....	.75		1.40
20-inch.....	1.00		1.75
24-inch.....	1.25		2.35
30-inch.....	2.75		5.00
36-inch.....	3.75		7.00
10-inch (out of tubs), doz., \$3.00; 12-in. doz., \$4.00			
STANDARDS — 18-20-inch stem, 12-inch ball tops.....	3.00		5.50
12-in. stem, 12-in. crown.....	1.25		2.25
14-15-in. stem, 12-in. crown.....	1.50		2.75
GLOBES — 15x15-inch.....	2.75		5.00
18x18-inch.....	3.50		6.50
20x20-inch.....	4.50		8.00

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN —12-inch.....	\$0.45	\$4.50	\$35.00
18-inch.....	.75	8.00	50.00
GREEN — 18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED —12 to 18-inch.....	\$0.60	6.00	50.00
Ampelopsis Veitchi, 3-yr., Pot-Grown, Doz., \$3.00; 100, \$20.00			

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Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

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Plant Bargains

Achyranthes bicolor.....
Achyranthes Panache de Bailey...
Swainsona alba.....
Penstemon Southgate Gem.....
Heliotrope Mammoth Mixed.....
Feverfew Golden Feather.....

2½
Inch

\$2.00 per 100; \$15.00 per 1000.

Heliotrope, light blue, 3 inch, **\$4.00**
 per 100; **\$35.00** per 1000.

Vaughan's Seed Store, CHICAGO
 NEW YORK

Connecticut Horticultural Society.

After the routine business had been transacted, the summer flower show to be held June 27-28 was brought up for discussion. Various plans were voiced as to the best method to pursue to interest the public of Hartford in the promulgation of horticulture in all its ramifications. The special prizes offered by the firms named below will be awarded as follows:

The silver cup contributed by Knight & Struck Company, of New York, will be awarded to the exhibitor of the best three spikes of Delphinium Bella Donna. Stump & Walter Company, New York, also offer a silver cup, which will be awarded to the best general exhibit. Joseph Breck & Sons Corporation, Boston, offers \$10, and will be split, \$6, first, and \$4, second, for the best general collection of roses. Arthur T. Boddington Co., Inc., New York, also offer \$10, and this also will be divided into a first and second of \$6 and \$4 for the best general collection of sweet peas. It will be noted that these specials may be competed for by professionals and amateurs.

Over \$250 will be offered in prizes, and the exhibition committee anticipate a show of unusual merit. There are three sections: in the rose section there are 19 classes; in the hardy perennials, 23 classes, and 14 in the sweet pea department. In the rose class, for the best collection of hybrid perpetuals there are two prizes, \$5 and \$3, and other substantial premiums. For the best collection, arrangement for effect, in the hardy perennials, there are two prizes, \$7 and \$4. In each department there are premiums of like amounts, which should bring out some fine exhibits, making one of the leading shows in New England. It is hoped to have members of the Ladies' Garden Club of Hartford, and also members of the Ladies' Garden Club of Middletown, exhibit in a department set aside for this purpose, and the society will award diplomas to such exhibits as merit such action.

In the past the society has given a dahlia show each fall, but this year we are departing from the beaten path to new, and what proved to be last year a successful change. It is hoped that the venture will prove to be equally as successful this year as it was last year and more so.

ALFRED DIXON, Sec'y.

Holyoke and Northampton Club.

The regular meeting of the Holyoke and Northampton Gardeners' and Florists' Club was held at the Smith College botanic garden, Northampton, Mass., June 6. Before the business meeting the members found many objects of interest in the herbaceous garden and greenhouses. In the latter the visitors were especially interested in the displays of Zonal and Regal pelargoniums, canterbury bells, Peach Blossom gladioli and Clerodendron fallax. The principal business transacted was the adoption of a schedule for the annual flower show, which will be held in Northampton, November 1-2. George Strignell read

13,000 VINCA VAR.

Out of 4 inch pots, \$10.00 and \$12.50 per 100.

GERANIUMS, out of 3½ inch.....\$7.00 per 100

Superb strain full transplanted **PANSIES**, \$1.25 per 100; \$10 and \$15 per 1000.

SALVIA SPLENDENS, out of 3½.....\$5.00 per 100

Cash Please.

Leonard Cousins, Jr., CONCORD JUNCTION,
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Mention the American Florist when writing

Chrysanthemums

Ready Now,

From 2¼ Inch Pots.

Chieftain, Tekonsha, Arlette Dubois, Yellow Touse, Mrs. B. E. Hayward, Antique, Dr. Enguehard, Unaka, Glory of Pacific, Golden Queen, Smith's Advance, White Bonnaillon, Col. D. Appleton, Smith's Ideal, Polly Rose, Harvard, Clementine Touse, Pacific Supreme, Major Bonaffon, Jeanne Nonin, Chas. Razer, Donatello, \$3.00 per hundred; \$25.00 per thousand.

W. H. Chadwick, Golden Chadwick, Chadwick Improved, Chadwick Supreme, \$4.00 per hundred; \$35.00 per thousand.

POMPONS

Neola, Golden West, Western Beauty, Klondike, White Jitsu-Jetui, Ilona, Rodi, Fairy Queen, Golden Climax, Clorinda, Diana, Letota, Niza, Minta, \$3.00 per hundred; \$25.00 per thousand.

SINGLES

Snow Queen, Polly Duncan, Mrs. E. D. Godfrey, Stanley Ven, Josephine, Ladysmith, Allegheny, Miss Isabelle, Clea, \$3.00 per hundred; \$25.00 per thousand.

ANEMONES

Diantha, Princess, Mrs. Jacob Wellauer, Azelda, \$3.00 per hundred; \$25.00 per thousand. Not less than 25 of a variety at hundred rate; 250 at thousand rate.

NO ROOTED CUTTINGS TO OFFER.

Reference or cash from unknown correspondents.

These prices are to those in the trade only.

ELMER D. SMITH & CO.

Adrian, Mich.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
 Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL
 New York

a paper on "Hydrangeas," for the growing of which he has an excellent reputation. E. J. Canning exhibited sprays of an interesting collection of flowering shrubs, including a number of the lesser known varieties.

H. E. D.

TARRYTOWN, N. Y.—The annual rose and strawberry show of the Tarrytown Horticultural Society will be held in the Y. M. C. A. building, June 20, and the annual chrysanthemum show in Music hall, November 2-3. Schedules may be had on application to Secretary Edward W. Neubrand, Tarrytown, N. Y.

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FERNS IN FLATS

In Best Varieties
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\$1.50 per 100

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High
 Class **PALMS**

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Market and 49th Sts., Philadelphia, Pa.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

ALTERNANTHERAS. 800 Brilliantissima. 700 yellow, 250 red bushy, 2½-in., \$2.00 per 100; \$8.00 per 1,000. Cash, please. JOSEPH BANCROFT & SON, Cedar Falls, Ia.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9 per 1,000; \$1.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

ASPARAGUS SPRENGERI. Fine 2-in., ready for 3-in. pots, \$3.00 per 100; \$27.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS, big 3-in. for bedding, \$4.00 per 100; Sprengeri, 3-in., \$4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

ASTERS.

ASTERS. Henderson Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, in flats of 200 (if wanted) \$5.00 per 1,000. Cash. Brill Celery Garden, Kalamazoo, Mich.

ASTER PLANTS, by mail or express prepaid. Semple's branching, large well-rooted plants, 60c per 100; \$3.00 per 1,000. HARRY G. SQUIRES, Remsenburg, N. Y.

ASTERS. Vick's best sorts, 2½-in. pot plants, \$2 per 100. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove., Ill.

BEGONIAS.

Begonias. We make a specialty of them.

	100	1,000
Chatelaine, 2½-in.	\$ 3.50	\$ 30.00
Chatelaine, 3-in.	5.00	45.00
Chatelaine, 4-in.	6.00	50.00
Erfordii, 3-in.	2.50	20.00
Luminosa, 2½-in.	4.50	40.00
Luminosa, 3-in.	6.00	50.00
Luminosa, 4-in.	2.50	20.00
Prima Donna, 2½-in.	4.50	40.00
Prima Donna, 3-in.	6.00	50.00
Prima Donna, 4-in.	6.00	50.00
Xmas Red, 2½-in.	6.00	50.00
Xmas Red, 3-in.	8.00	70.00
Xmas Red, 4-in.	10.00	90.00
Vernon, 2½-in.	6.00	50.00
Vernon, 3-in.	8.00	70.00
Vernon, 4-in.	10.00	90.00
Lorraine, 2½-in.	12.00	100.00
Cincinnati, 2½-in.	15.00	120.00

Pyfer & Olsem, Wilmette, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 2½-in.	\$5.00 per 100
Xmas Red, 3-in.	8.00 per 100
Erfordii, 2½-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2½-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2½-in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberos started, \$6.00 per 100; \$1.00 per doz., separate color or mixed.

ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Delivery from May 15.

	Per 100
Lorraine, 2½-in. pots	\$ 12.00
Cincinnati, 2½-in. pots	15.00
Mrs. J. A. Peterson (new), 2½-in. pots	25.00
Per 1,000	200.00

JULIUS ROEHRS CO. Rutherford, N. J.

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

TUBEROUS BEGONIAS. 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed. ERNEST ROBER, Wilmette, Ill.

Begonia Luminosa and Erfordii seedlings, \$5 per 1,000. Peter Wenk, Ozone Park, N. Y.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

	Each.
Boxwood, 12-15-in.	35c
" 24-30-in.	\$1.25 to 1.50
Pyramids, 2-2½ ft.	1.75
" Heavy	2.00
" 3-3½ ft.	2.50
" Heavy	3.00
" 4 ft.	4.00
Standard, 12-in.	2.50
" 15-in.	3.50
Globes, 12-in.	1.75

All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.

ERNEST ROBER, Wilmette, Ill.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Dundee, Illinois.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Lilies for summer work. Lilium Giganteum, \$6 per 100; Lilium Album, 8-9-in. (170 to case), \$11 per 100; 9-10 in. (100 to case), \$16 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow Freesias, of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000; \$187.50 per 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Ollioules, Var., France.

Fall Bulbs. Write for prices. James Vick's Sons, Rochester, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS.

Canna. Standard sorts, 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

Canna Firebird, 3½-in., 25 for \$5; 50 for \$10. Vaughan's Seed Store, Chicago and New York.

CARNATIONS.

I can handle more cut flowers to good advantage, especially carnations, so if you ever have any surplus stock of any kind send it to me. Do not stop to write, but start shipping immediately. Checks weekly. M. C. Gunterburg, 158 North Wabash avenue, Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery July 1st, J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Carnations. Standard varieties. For prices see advertisement elsewhere in this issue. F. Dorner & Sons Co., Lafayette, Ind.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.**

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Salomon Gold, yellow..	2.00	\$2.00 \$20.00
Ramapo, yellow	2.00	2.00 20.00
Col. D. Appleton, yel.	2.00	2.00 20.00
Bonnafton, yellow	2.00	2.00 20.00
Chas. Razer, white.....	2.00	2.00 20.00
White Bonnafton, wh.	2.00	2.00 20.00
Dr. Enguehard, pink..	2.00	2.00 20.00
Chrysolora, yellow	2.00	2.00 20.00
Halliday, yellow	2.00	2.00 20.00
Intensity, red	2.00	2.00 20.00
Lynwood Hall, white..	2.00	2.00 20.00
Chieftain, pink	2.00	2.00 20.00
E. A. Seidewitz, pink.	2.00	2.00 20.00
Clem. Touse, white.....	2.00	2.00 20.00
Bronze Touse, bronze.	2.00	2.00 20.00
Early Touse, white.....	2.00	2.00 20.00
White Chieftain, wh.	2.00	2.00 20.00
Roman Gold, yellow..	2.00	2.00 20.00
Smith's Ideal, white.....	2.00	2.00 20.00
Golden Queen, yellow.	2.00	2.00 20.00
Buckbee, white	2.00	2.00 20.00
Nagoya, yellow	2.00	2.00 20.00
Wm. Turner, white.....	2.00	2.00 20.00
Marigold, yellow	2.00	2.00 20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of Pompons in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Lulu, white	\$2.00 \$18.00	\$2.50 \$20.00
Baby, yellow	2.00 18.00	2.50 20.00
Overbrook, yellow	2.00 18.00	2.50 20.00
Mrs. Astor, yellow	2.00 18.00	2.50 20.00
Sabey, yellow	2.00 18.00	2.50 20.00
Cubit, tan	2.00 18.00	2.50 20.00
E. D. Godfrey, pink..	2.00 18.00	2.50 20.00
Croesus, bronze	2.00 18.00	2.50 20.00
Tiber, brown and red.	2.00 18.00	2.50 20.00
Mensa, white	2.00 18.00	2.50 20.00
Quinola, yellow	2.00 18.00	2.50 20.00
Pretoria, yellow	2.00 18.00	2.50 20.00
Zenobia, yellow	2.00 18.00	2.50 20.00
Mary Richardson, terra cotta	2.00 18.00	2.50 20.00
Aglol, variegated	2.00 18.00	2.50 20.00
H. Hicks, brown	2.00 18.00	2.50 20.00
Klondyke, yellow	2.00 18.00	2.50 20.00
Mrs. F. Beu, bronze..	2.00 18.00	2.50 20.00
Sylvia, red	2.00 18.00	2.50 20.00
Sydania, yellow	2.00 18.00	2.50 20.00
Miss Julia, yellow..	2.00 18.00	2.50 20.00
Lillia, red	2.00 18.00	2.50 20.00
Mrs. Buckingham, pk.	2.00 18.00	2.50 20.00
Souv. Melancia, pink.	2.00 18.00	2.50 20.00
Baby Margaret	2.00 18.00	2.50 20.00
Diana	2.00 18.00	2.50 20.00

WIGHT BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS

	Rooted Cuttings	2 1/2-in. plants
	100 1000	100 1000
McNiece	\$2.50 \$22.00	\$2.75 \$27.00
Enguehard	2.50 22.00	2.75 27.00
Maud Dean	2.50 22.00	2.75 27.00
R. E. Loeben	2.50 22.00	2.75 27.00
Patty	2.50 22.00	2.75 27.00
Wells Late Pink	2.50 22.00	2.75 27.00
Chieftain	2.50 22.00	2.75 27.00
WHITE—		
October Frost	\$2.50 \$18.00	\$2.75 \$25.00
Vir. Poehlmann	2.50 18.00	2.75 27.00
Chas. Razer	2.50 18.00	2.75 25.00
Elise Papworth	2.50 18.00	2.75 25.00
W. H. Chadwick	2.50 18.00	2.75 25.00
Timothy Eaton	2.50 18.00	2.75 25.00
Lynwood Hall	2.50 18.00	2.75 25.00
Smith's Ideal	2.00	2.75
Alice Salomon	2.00 18.00	2.75 25.00
White Chieftain	4.00 35.00	5.00 48.00
BRONZE—		
O. H. Kahn	\$2.00 \$18.00	\$2.75 \$25.00
Schrimpton	\$2.00 \$18.00	\$2.75 \$25.00
YELLOW—		
Golden Glow	\$2.00 \$18.00	\$2.75 \$25.00
Chrysolora	2.00 18.00	2.75 25.00
Yellow Eaton	2.00 18.00	2.75 25.00
Yellow Salomon	2.00 18.00	2.75 25.00

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

Chrysanthemum. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2 1/2-in. pots. Alonzo J. Bryan, Washington, N. J.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

COBAEA.

COBAEA SCANDENS. Extra heavy 4-in. long vines, staked, \$1.00 per doz.; \$7.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

COLEUS.

COLEUS. Golden Bedder, Firebrand, Verschaffeltii and other kinds. Strong, young plants, 2-in. pots, \$1.50 per 100; \$12 per 1,000. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS. Red Verschaffeltii, Golden Bedder and others. 2 1/2-in., strong plants, 3c. Cash with order. Gus Schlegel, Olney, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.**CYCLAMEN.**

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 3-in. pots. \$8.00 per 100 assorted in the above varieties.

Per 100
Rose of Marienthal, soft cerise, 3-in. pots, \$12.00
Rose of Wandsbek, bright salmon, 3-in. pots, 12.00
Schoene Dresdenin, soft salmon rose, 3-in. pots, 12.00
Pearl of Zehlendorf, bright salmon rose, 3-in. pots, 12.00
Glory of Wandsbek, bright rose, 3-in. pots, 12.00
An assortment of the above nine varieties at \$10.00 per 100. Can be shipped from now on.

ANTON SCHULTHEIS,

316 Nineteenth St., College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

1,000 2 1/2-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

DAHLIAS.

DAHLIAS, 20 best named varieties, strong, 2-inch pot plants, \$3.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williams-town Junc., N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$8.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heibl, West Toledo, O.

ECHEVERIAS.

500 Echeveria (Hens and Chickens), 3-in. at \$4.00 per 100; 2-in. at \$2.00 per 100. Cash, please. JOSEPH BANCROFT & SON, Cedar Falls, Ia.

ECHEVERIAS, 3-in. pots, heavy plants, \$4 per 100. Cash. Jos. Bancroft & Son, Cedar Falls, Iowa.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Four-inch Boston Ferns, \$15.00 per hundred. Five-inch Boston Ferns, \$25.00 per hundred. Six-inch Boston Ferns, \$50.00 per hundred. Seven-inch Boston Ferns, \$9.00 per dozen. Eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK Greenhouses, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

BOSTON FERNS, 200 3-in. at 7c; 100 4-in. at 10c; 40 5-in. at 20c. Cash, please. Edgar Easterday, Nokomis, Ill.

Fancy ferns, galax and leucothoe, etc. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS. Extra strong 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator Rodgers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Vland and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2 1/2-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS, Ricard, S. A. Nutt, Jean Vland, White Buchner, 3 1/2-in., 7c; White Buchner, 4-in., 8c. All good plants, bud and bloom. Cash with order. GUS SCHLEGEL, Olney, Ill.

NUTT GERANIUMS, 4-in. in bud and bloom at \$7.00 per 100; Select Poitevine, 4-in., at 9c. Cash, please. Heitman-Oestreicher Co., North Avenue and 55th St., Milwaukee, Wis.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladioli, sound bulbs, for late planting. America, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000; Chicago, 1st size, \$25 per 1,000; Augusta, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000. Mrs. Francis King, 1 1/2-in., \$9 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2-in. strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley, cold storage, Bruns' celebrated Chicago Market Brand, \$22 for 1,000; \$11.50 for 500; \$6 for 250. Florists' Money Maker Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley Pips, Holland grown, \$9 per 500; \$17 per 1,000; Danish grown, \$10.50 per 500, \$20 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the Valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MOONVINES. Large flowering, strong, stocky, 2½-in. plants, \$3.50 per 100. GUS SCHLEGEL, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wycote, Pa.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHRS Co., Rutherford, N. J.

PANSIES.

Pansies, superb strain, fall transplanted, \$1.25 per 100; \$10 and \$15 per 1,000. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHI, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 25c; 4-in., 35c; 5-in., 60c; 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, ever-blooming class. Easter Greeting and its three sports, Lucy Becker, Swabian Maid and Wurtembergia, strong 2-in., \$8.00 per 100. We guarantee Swabian Maid and Wurtembergia to be equal to Easter Greeting if you get them true to name. We were the first to introduce the above four kinds in this country. Send for pelargonium catalog. F. H. DeWitt & Co., Wooster, O.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Petunias, double and single fringed, mixed colors, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 3-in., \$3 per 100. Albert M. Herr, Lancaster, Pa.

PHLOX.

HARDY PHLOX, 20 best varieties, divided field clumps grown in 30-inch pots, dwarf and bushy, \$4.00 per 100. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

ROSES.

FINE 2½-INCH ROSE PLANTS.

Killarney	100	1.00
Sunburst	400	35.00
Richmond	5.00	40.00
Geo. Elgar (Baby Yellow)	3.00	25.00
Extra strong 3½-inch plants.	4.00	35.00
Sunburst	6.00	55.00

WIETOR BROTHERS,
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in.	2½-in.
	Grafted.	Own Rt.
	Per 1,000	Per 1,000
Killarney	100.00	\$56.70
White Killarney	100.00	.....
Killarney Brilliant	100.00	.....
Elgar (special only)	100.00	.....
Old Gold	100.00	.....

POEHLMANN BROS. CO.,
MORTON GROVE, ILLINOIS.

ROSES.

STRONG 2½-INCH ROSE PLANTS.

Pink Killarney	100	1000
Richmond	2.50	\$20.00
Bench Plants.	2.50	20.00

White Killarney \$2.50 \$20.00
Good Stock—Order Early.
GEORGE REINBERG,
162 No. Wabash Ave., Chicago.

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2½-in., Killarney, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

For Sale—3,000 Russell roses from bench, one year old. Suitable for lining out or rebenching. Mann & Brown, Richmond, Virginia.

Roses. Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Rose Tip Top (Baby Doll), strong 3½-inch at \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Roses, 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Penna.

SALVIAS.

Salvia, Bonfire and Splendens, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Splendens, out of 3½-in., \$5 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

SALVIA BONFIRE. Good plants, 2½-in., 2½c. Cash with order. GUS SCHLEGEL, Olney, Ill.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seed, Flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Honkins, Eagle Rock Station, Los Angeles, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, Asparagus, Palm and Florists' Flower for present sowing. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Riddington Co., Inc., 128 Chambers St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's Langport, Eng.

Seeds, Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds, Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed, Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

VEGETABLE PLANTS.

VEGETABLE PLANTS, by mail or express prepaid. Strong, well-rooted plants in large or small lots at reasonable prices. Will promptly replace any that do not arrive in first class condition. Leading varieties pepper, cauliflower, tomato, cabbage, beet, lettuce, sweet potato, celery, asparagus and egg plants. Also Simple's branching asters. Catalogue free. HARRY G. SQUIRES, Remsenburg, N. Y.

SWEET POTATO PLANTS, 3,000,000. Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancymond, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

CELERY PLANTS. Golden self-blanching, (French strain), fine plants, ready for the field, \$2.00 per 1,000. Cash. Special prices on large lots. Brill Celery Gardens, Kalamazoo, Mich.

Yellow Jersey sweet potato plants, well rooted, 20c per 100; \$1.75 per 1,000. Cash with order. THE DAVIS BROS. FLORAL CO., Box 127, Centerville, Ind.

Vegetable plants, cabbage and lettuce, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VERBENAS.

VERBENA. Good plants, 2½-in., in separate or mixed colors, 2c. Cash with order. GUS SCHLEGEL, Olney, Ill.

VINCAS.

Vinca variegated, out of 4-in. pots, \$10 and \$12.50 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

VINCAS, 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock, C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Catalogs or catalog covers. Get our prices. Write for a copy of our 80-page stock catalog for nurserymen. Gillies Litho. & Printing Co., Rochester, N. Y.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Boiler flues, cleaned and trimmed. Also Scuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues, Giblein & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

CYCLONE INSURANCE.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotted sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

PERFECTION BRAND INSECTICIDES AND DISINFECTANTS. Write for prices. Perfection Chemical Co., Flushing, N. Y.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.



After using all other makes, Florists prefer our
PLANT STAND
 because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
 842 Grandy Ave., Detroit, Mich.

Boilers OF HIGH GRADE.... For GREENHOUSES

See Our Catalogue.
 Steam and Hot Water
GIBLIN & CO., Utica, N. Y.

Pasadena, Calif.

BUSINESS GOOD IN ALL LINES.

The local trade are feeling jubilant over business, which continues good in all lines. Stock is looking well, and due to the perfect weather conditions, everything is keeping up in good shape. Sweet peas, notwithstanding the fact that it is late in the season, are still in splendid condition. The nurserymen, while their trade has shown an improvement over the past two or three years, and while there are some fine homes of the better class going up right along, for every order there are a dozen after it, do not feel quite as good over conditions as members of the other branches of the trade. The small cash orders, ranging from \$10 to \$20 for the home of the working man are missed, and until the building of small houses resumes, the nursery trade will be more or less dull.

NOTES.

Business at the Orchid Flower Store has never been better and prospects for the future are good. The attractive windows at this establishment are always sure to receive attention. Ornamental stock plays an important part and a recent arrangement included everything seasonable. The display of cut blooms represented quite a neat sum in itself.

Campbell Seed Store, Inc., report a good counter trade since the first of the year and still going strong. This firm has an extensive trade among flower lovers who own their homes and anyone knowing this city is not surprised that trade in this line is good.

The Pasadena Nursery reports a good trade, although sales might be better. Thomas Chisholm, the proprietor, believes that better conditions will prevail before another season rolls around.

Eldred's Flower Shop reports good business in all departments. Graduation flowers for several private schools in this city added to the rush.

S. H. Allerton has returned from an Eastern trip. He called on the seed and nursery trade in a number of the principal cities.

G. H. H.

Hudson Heights, N. J.

John Frauhuf, who, about two years ago, located at Hudson Heights, has recently made many improvements about his range. He has had a good business in bedding plants and is now planting chrysanthemums.

W. Bluethgen, Jr., is both a grower and retailer, having a good trade in funeral work. He is one of the well known buyers in the New York market.

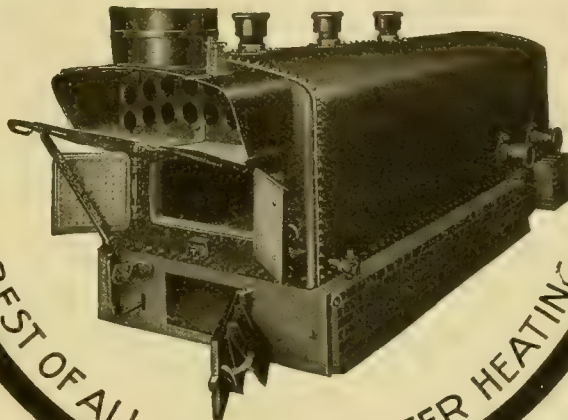
Street cars run direct from the Hudson tunnel at Hoboken to Hudson Heights.

A. F. F.

SEND FOR
 CATALOGUE

DO IT
 TODAY

THE KROESCHELL GREEN HOUSE BOILER.



BEST OF ALL FOR HOT WATER HEATING

Kroeschell
 Bros. Co.

452 WEST
 ERIE ST.,
 CHICAGO

Mention the American Florist when writing



GREENHOUSE ...MATERIAL...

Of Best Grade and Workmanship
 Reasonable Prices

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO

Greenhouse Material

Hardware

Hotbed Sash

Mention the American Florist when writing

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

OGDEN, UTAH.—F. J. Hendershot and daughter attended the political doings at Chicago last week.

BAY CITY, MICH.—An attractive flower shop has been opened by R. Leidy at 617 Washington avenue.

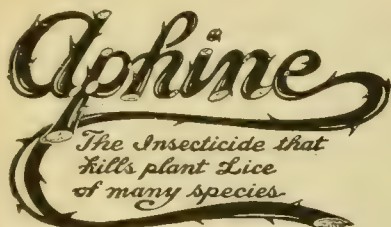
KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate

BOSTON OFFICE: 113 State St., Boston, Mass.

PHILADELPHIA OFFICE: Harrison Bldg., 15th and Market Sts., Philadelphia, Pa.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart. \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart. \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Toledo.

JUNE WEDDINGS HELP BUSINESS.

Were it not for the many June weddings, business here would have been stagnated by the incessant rains and cool weather of the past week. However, with the weddings, commencements and funerals, florists have been kept quite busy. The market is well supplied with all kinds of seasonable stock, particularly peonies, which are flooding the market now. Carnations are not finding as ready a sale on this account. Roses are plentiful but not quite up to the standard. Spring planting is late and florists who make a specialty of this work, still have great stocks of geraniums, salvias and other bedding stock. The demand continues lively, however, and with the right kind of weather, a good clean up is confidently expected.

NOTES.

Metz & Bateman, in the Ohio building, have found their quarters too cramped, owing to a great increase in business and have signed a lease for 2,500 square feet of additional floor space in the basement. These rooms will be extensively altered, and when completed will give this enterprising firm one of the most commodious and modern salesrooms in this locality. June weddings are keeping them busy.

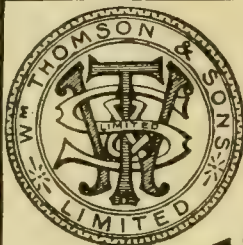
The Lindley Floral Company, formerly located on St. Clair street, next to Keith's theatre, has discontinued business. Miss Lindley, who managed the store, found the work too strenuous for her and ill health forced her to retire.

A. C. K.

Hackensack, N. J.

Lehnig & Winnefeld, who have a fine reputation as plantmen, have several houses filled with fine stock of young cyclamens; also, a fine stock of ferns. They continue to ship out geraniums and a variety of other bedding plants.

Alfred Whitley, who recently bought the retail store of Lehnig & Winne-



FOR SUCCESS IN YOUR GARDEN

USE

THOMSON'S MANURES

Our Vine, Plant & Vegetable Manure, also Special Chrysanthemum Manure, are ever increasing in public favor—they embody the practical experience of many years in all branches of Horticulture, producing vigorous, healthy & fruitful growth. Sold by leading American Seedsmen. Freight paid on quantities. Liberal terms to retailers. Write for our special offer to the American trade, etc., to sole makers.

WM. THOMSON & SONS, Ltd, CLOVENFORDS, SCOTLAND.



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.

CLEVELAND NEWYORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS

WRITE FOR PRICES



NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.

NICOTINE MFG. CO.
ST. LOUIS

feld at 196 Main street, has been quite busy with landscape work, while Mrs. Whitley looks after the store. He was formerly well known in the wholesale district of New York as the buyer for Max Schling.

The House of Flowers, Main and Bridge streets, of which Henry Weissman is manager, seems prosperous and carries a fine stock of plants and cut flowers.

Carl Tegtmeier has sold his Green street property to a coal company, but we understand that he will build on another site.

H. Andronies, 231 Jackson street, has a well kept place and has been cutting good sweet peas. A. F. F.

FARGO, N. D.—Smedley & Co. have plans for a range of houses to cost \$35,000. Work will be started in the near future.



Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
32 UNION STOCK YARDS, CHICAGO

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

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York, August 16-19, 1916. CHAS. F. FAIRBANKS,
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SUGGESTIONS FOR PLANT GROWERS.

Pansies.

For winter blooming the seed of
pansies should be sown early. Procure
a strain of seed that will produce
large flowers, and unless they are to
be grown in considerable quantities
mixed colors are to be preferred. To
obtain plants enough for winter bloom-
ing it will be better to plant the seed
in flats and place them in a cool shady
location in the house, where they are
much more easily cared for than out
in the open. If such a location is not
to be had they can be sown in a cold
frame and a sash that is quite heavily
shaded placed over them until the
plants begin to grow. As soon as
large enough they should be planted in
a cold frame until the bench is made
ready, about the middle of September,
in the house. The soil for winter
growing should be good, and of the
richest, in order to obtain large flow-
ers, and the house in which they are
planted should be maintained at a cool
temperature, about 45 degrees at night,
after settled fall and winter weather
commences. Pansies are not, as a
rule, troubled much with insect pests,
but sometimes in the fall in the houses
they are attacked by green fly and
they are quickly checked in their
growth if the aphids gets a good hold
upon them. A careful watch should
be maintained and if they are found
to be infested with aphids constant
spraying with nicotine solutions will
keep the insects down.

Office Housecleaning.

Nearly all growing establishments at
the present day have what is termed
the office, and during the busy season,
in many places, but little attention is
given to keep it in a tidy condition.
Now is the time, after the carnations
are housed and before the fall work
commences, to have a thorough clean-
ing up of the office and workroom and
get them in readiness for the coming
season. Get all the papers filed away
in proper shape and fix up all accounts
as far as possible, and thereby get rid
of much of the worry and trouble.
Clean up the workroom and give it a
clean coat of paint, and straighten out

the supplies. If the stock of baskets
has grown dirty get a little gold paint
and give them a coat of this, which
will certainly make them more attrac-
tive than the dingy supplies too often
seen hanging on the walls or standing
around. The florist too seldom appre-
ciates how the customer likes to trade
in a clean, up-to-date place, and often
endeavors to excuse the dirty appear-
ance by remarking: "It is impossible
where so much dirt is handled to keep
the place clean." Such a one is only
fooling himself. The present-day cus-
tomers, of whom many are ladies,
know better; they see other places that
are kept neat and clean, and they can-
not be imposed upon with such tales.
Now is the time to get everything ship-
shape for the fall and winter trade.

Roman Hyacinths.

The first bulbs to arrive will be the
Roman hyacinths, and everything
should be in readiness to properly care
for them as soon as received. When
the cases arrive the bulbs should be
placed in a cool, dry place; if packed
in bags they should be spread out
either in flats or shallow boxes and
placed where they will neither be too
moist nor yet in too dry and warm a
location. While it is too early to plant
for the winter blooming, still a suc-
cession of plantings may be made
every week until cool weather, when
the balance can be planted up. Almost
any soil will grow bulbs successfully
but fine results are obtained with soil
that has been thrown out from the
carnation or rose benches and has lain
out over winter to allow it to sweeten
a little. When a fall pot plant is
wanted a few of the hyacinth bulbs
can be planted in bulb pots, but in
growing for cut flowers flats are to be
preferred, for they are much more eco-
nomically handled and do not require
as much care. In planting the bulbs
cover the bottom of the flats with
about an inch of soil, placing the bulbs
on this quite closely together, yet not
touching, as can be done with other
bulbs. The flat should then be filled
with soil, which should be packed be-
tween the bulbs with the ends of the
fingers. They should then be given a

good watering, enough to wet the soil all the way through and settle it around the bulb. The flats should be placed outside and covered to the depth of about three inches with sand or coal ashes or something that will lie close enough to prevent drying out. A label should be placed at the end with the date of planting, so that the several plantings will be kept separate and can be readily moved into the houses. In four to six weeks they should be well enough rooted to bring them into the house, where they can be placed under a bench until they begin to throw up their flowering spikes.

Delphiniums.

This perennial has become quite a popular cut flower for summer use and is very decorative and showy. Those that have a stock can increase the plants of the better varieties by propagation at this time. When the plants bloom those that produce the best spikes and are of the best colors should be marked. After the blooms are cut the small growths that break from the stem are very easily rooted. Prepare a bed in a shaded frame and insert the cuttings, watering heavily when first put in. They will need frequent syringing during the hot weather and will root in three to four weeks, when they can be either potted or planted in a frame where they can be given attention. As soon as well established they can be planted in their permanent location, but should be given a little protection during the first winter by throwing a little old straw or some such material over them.

Anemone Japonica.

One of the most useful perennials for the fall is the *Anemone Japonica*. It blooms at a time when flowers are very scarce, and if planted where it can be protected from the early frosts will produce quantities of bloom that can be made of use in all classes of floral work. The successful blooming of this plant depends much upon its summer culture. If the season is dry it will require constant watering, in fact, a good soaking. It is a good plan to place the hose in a bed of this and let the water run until the ground is thoroughly wet, and do this as often as may be required. It will amply repay in the long strong shoots, full of blooms, that will be produced in the fall. The florist not possessing a good stock of this beautiful perennial should procure some of it and plant a bed for fall cutting.

Asparagus Baskets.

There is always a good call for hanging baskets of *Asparagus Sprengeri* and there is nothing more decorative in a store or greenhouse than these beautiful baskets when well put up and when they are growing nicely. The young 3-inch stock will make nice basket work. The wire basket frame should be of good size, eight inches in diameter at least. Line the outside with green sheet moss, which makes a much better appearance than sphagnum, and then fill with good rich soil and plant the young plants in this. The basket, after planting, should be placed in a warm, moist house to encourage rapid growth; a house with a temperature such as palms are grown in is about right. They should be frequently syringed, and as soon as the

long fronds have made a good growth they can be removed to lighter and cooler quarters.

London's Wartime Flower Show.

THE CHELSEA EXHIBITION.

This year the Royal Horticultural Society's show in the grounds of the Royal hospital, Chelsea, was held under war-like conditions, although to see the throngs of people in the tents and in the grounds, one would never have thought that a great war was raging within one hundred miles or so of the exhibition. Owing largely to the railways being unreliable for the carriage of heavy material and also the fact that many gardeners were serving in the army, the show this year was on a more restricted basis than before. Even the band—that adjunct of every exhibition of note in England—was dispensed with this year, "in order that the character of



J. J. Hess, Omaha, Neb.
Treasurer Society of American Florists.

the Chelsea show may be in full sympathy with the times and to give emphasis to the educational and scientific objects of the exhibition"—as it was euphemistically put, on the cover of the catalogue. Music evidently interferes with science and education, according to some enlightened beings.

Taking the show as a whole, while it was not so large as usual, it was excellent in every way. The most noticeable missing feature was the rock gardens that formed the leading attraction of former years. These were missed by the multitude of alpine and herbaceous plant lovers. Nevertheless, the display of roses, clematis, orchids, rhododendrons, carnations, lilacs, sweet peas, snapdragons, begonias, dahlias, caladiums, ferns, clipped yews and boxes, ornamental leaved maples and other shrubs, Japanese pigmy trees, tulips, irises—to mention only a few of the leading groups of plants—were in every way remarkable and displayed the cultural ability of nurserymen in all parts of the kingdom, including even Ireland, which has so recently gone through some stirring times. With few exceptions the exhibition was mainly a trade one. A new feature, or rather one more conspicuous than hitherto, was the number of

lady artists who were displaying water and oil colors of beautiful landscape and garden views. Most of these were really works of art, and prove that the art of laying out gardens for scenic effect is taking a greater hold on the painter year after year.

Horticultural sundries (by which is meant everything that a gardener uses to bring his plants to perfection—from a layering pin to a huge hot-water boiler, mowing machine and garden roller) had a tent to themselves and contributed not the least interesting part of the exhibition.

Taking a few of the leading floral features, orchids may be given perhaps a leading place. The display, however, was by no means so extensive as in former years, and with the exception of the group from Sir Jeremiah Colman, of Reigate, was purely confined to the trade. The great displays of Sir Trevor Lawrence and Sir Baron Schroeder will be seen no more. Nor will the extensive area that used to be allotted to the Veitch firm again be filled from the dismantled greenhouses and ground of Chelsea, Coombe Wood, Langley and Feltham. The Chelsea firm is no more, but its mantle seems to be shared by several, each contributing one or two specialties.

The most noteworthy orchid exhibitors were Armstrong & Brown, Tunbridge Wells, who obtained a gold medal; Charlesworth & Co., Haywards Heath, and J. & A. McBean, to both of whom the Williams' Memorial medal was awarded. Charlesworth & Co. had a wonderful *Odontoglossum Brewi* cupreum with coppery scarlet flowers, which obtained an award of merit. *Odontoglossum crispum* Aldworthi in McBean's group won the Davidson annual cup for the best *odontoglossum*. The flowers are very large, heavily blotched with deep red, the frilled margins being conspicuously rimmed with pure white.

Sander & Sons, St. Albans, had a fine display of general high merit, including the best hybrids and species of most noteworthy genera. The same may be said of Mansell & Hatcher, Randon, Leeds; J. Cypher & Sons, of Cheltenham; Flory & Black of Slough; Stuart Low & Co., of Enfield; Waters, of Balcombe, Sussex, and E. Dixon, of Wandsworth Common. The hybrid *odontiodas*; *Laelio-cattleyas*, *sophrocattleyas*, with the *miltonias*, *renantheras*, *cyripediums*, *cattleyas*, *dendrobiums*, *oncidiums*, etc., now constitute the principal sections that are shown. Frequently, however, some rare and choice "botanical" morsels are to be found in the collections of Charlesworth & Co. and Sander & Sons, and they always seem to find purchasers.

Next to orchids the American carnations are always a popular and extensive feature of the show. This year the principal exhibitors were Allwood Bros., Haywards Heath; R. H. Bath, of Wisbeck; Burnett of Guernsey; Stuart Low & Co.; Price & Tyffe (lady gardeners), East Grinstead; Wells & Co., Merstham, Dutton; Iver & Douglas, Great Bookham, the last named making a specialty of the border varieties.

Roses are always a glowing and attractive feature and this year were quite up to the standard. Groups came from R. J. Barnes, Malvern; Brown, Peterborough; Burch, Peterborough; Ben Cant and Frank Cant, of Colchester; Alex. Dickson & Sons, of Newtonards, Ireland; E. J. Hicks, Twy-

bord; Hobbies, Ltd., Dereham, Norfolk; Geo. Paul & Sons, Cheshunt; Wm. Paul & Sons, Waltham Cross; Geo. Prince, of Longworth, Berks, and Chas. Turner, of Slough. These are a host in themselves and would take some beating, so far as display, culture and varieties are concerned.

Herbaceous and alpine plants of all descriptions were much in evidence, the most conspicuous genera being irises, phloxes, lupines, pyrethrums, trolius, peonies, poppies, primulas, lilioms, anemones, larkspurs, geums, violas, columbines, etc., in great variety. The principal exhibitors in this section were J. C. Allgrove, Langley (formerly of Veitch's); Artindale & Son, of Sheffield; Baker's, Wolverham-

Blackmore & Langdon, Bath; and Ware, of Feltham; to the hippeastrums of R. P. Ker & Sons, Liverpool; to the clematis of Geo. Jackman & Son, Woking; the caladiums of Peed & Son, West Norwood; the hardy and exotic ferns of H. B. May & Son, Edmonton; the Azalea Mollis from Cuthbert, Southgate; the fine lilacs from R. C. Notcutt, Woodbridge, Suffolk; W. and I. Brown, Peterborough; and Chas. Turner, Slough. Rhododendrons were remarkably finely shown by Waterer & Sons, Bagshot, in bush and standard form, the unique and still unsurpassed Pink Pearl being a great attraction.

Japanese maples were beautifully displayed by Fromon & Sons, Chiswick,

The only lot of vegetables in the show was a fine exhibit of Sutton & Sons, Reading. This included early peas and beans, tomatoes, radishes, lettuces, spring cabbage, etc., so clean and well arranged that one was almost tempted to try to eat them in the raw state. It is to be hoped the next Chelsea show will be held in happier and better times.

J. W.

American Sweet Pea Society.

SAN FRANCISCO SHOW.

The second annual exhibition of the Pacific coast branch of the American Sweet Pea Society was held in the concert room of the Palace hotel, San Francisco, Calif., June 9-10. The show was larger than that of last year and the superior quality of the flowers throughout was commented upon by all who attended. The number of visitors during the opening day was disappointing, but the following day the exhibition was attended by crowds. The entries were much more numerous and filled the room almost to a point of overcrowding. It is unfortunate that the finances of the society would not permit of more publicity but when it is realized that the detail work of the show falls upon the shoulders of a few who are the least able to give their time at this season of the year and that the entire expense will be borne by a few local growers and seedsmen, it will be readily seen why more could not be done along these lines.

C. C. Morse & Co., San Francisco, had an exhibit of about 200 square feet comprising the leading varieties of Spencers with a choice selection of seedlings from their noted "workshop." Three large uprights formed the main background of their display, the varieties used being Miriam Beaver, Scintillator and Henry Ohn. Scintillator is one of this firm's novelties for 1916-1917 and is a brilliant salmon orange, striped on cream ground and is particularly beautiful in the sunlight or under artificial light. Other novelties which will be offered are Celubra, which is a mauve, striped on white ground, but is a truly duplexed flower. Henry Ohn is a pink on cream, also duplexed and is among the most promising novelties of recent introduction. The new sun-proof Scarlet will be welcomed by all growers. The entire display was much admired.

W. Atlee Burpee & Co., Philadelphia, Pa., again showed their excellent spirit



BURPEE'S EXHIBIT AT THE SAN FRANCISCO SWEET PEA SHOW.

ton; Barr & Sons, Covent Garden; Bees, Ltd., Chester; Bunyard & Co., Maidstone; Cheal & Sons, Crawley; G. & A. Clark, Dover; John Forbes, Hawick; Clarence Elliott, Stevenage; Guildford Hardy Plant Nursery, Guildford; Godfrey & Son, Exmouth; Jackman & Son, Woking; B. Ladhams, Southampton; G. W. Miller, Wisbech; Amos Perry, Enfield; Maurice Prichard, Wimborne; Reamsbottom & Co., Geashill, Ireland; G. Reuthe, Keston; Wallace & Co., Colchester; T. S. Ware, Feltham; Waterer Sons & Cripp, Bagshot, and Whitelegg & Page, Chislehurst. In connection with this section special mention may be made of the fine sweet peas from Dobbie & Co., Edinburgh; Bide & Sons, Farnham; R. Sydenham, Birmingham; J. Stevenson, Wborne, and I. Piper & Son, Bayswater.

The snapdragons, in spikes two to three feet long, from Dobbie & Co., were specially attractive and it is likely these flowers will become still more popular. The tulips, chiefly Darwins & Rembrandts, from Barr & Sons, Hogg & Robertson, Dublin; R. H. Bath, Wisbech; Sutton & Sons, Reading; Wallace & Co., and Alex. Dickson, Newtownards, constituted a very glowing and popular mass of color in various parts of the show. Considering the fine, hot sunny weather, the flowers lasted remarkably well, but were naturally somewhat blown by the end of the third day.

The three large and particularly fine groups of flowering plants—calceolarias, cinerarias, schizanthus, etc.—shown by Sutton & Sons, Webb & Sons, and Carter & Co., stood out by themselves as distinct features of artistic arrangement and superior cultivation. The same applies to the begonias of

and a great variety of other ornamental shrubs came from L. R. Russell, Richmond, and Cheal & Son, Crawley.

Examples of topiary work were largely shown by Cutbush & Son of Highgate, and Japanese pigmy trees were very much in evidence from the Yokohama Nursery Co., Craven House, Kingsway; Ban & Sons, and Liberty & Co.

Of fruit there was a comparatively small display, the most noticeable being peaches, nectarines and cherries in pots from Rivers & Sons, Sawbridge-worth; some fine strawberries from Saxton Bros., Bedford; and melons, grapes, figs, peaches, red and white currents, from the Hon. John Ward, Chilton, Hungerford.



MORSE & CO'S EXHIBIT AT THE SAN FRANCISCO SWEET PEA SHOW.

and sent a splendid exhibit from their Lompoc seed farm. The center of the display was occupied by a cross made up of their well known variety, Fiery Cross. The entire exhibit was well set up and showed tasteful arrangement at every point. A number of this firm's new early flowering varieties of Spencers were seen and the following were given awards of merit: Fordhook Pink and White, Fordhook Countess, Fordhook Hercules and Fordhook King. The exhibit was in charge of Harry F. Buckman of the Floradale Seed Farm, Lompoc, Calif.

The L. D. Waller Seed Co., Guadalupe, Calif., staged a delightfully fresh display that caused one to marvel at the condition of the flowers after their long journey. The large showing of R. F. Felton, Edward Cowdy and Dobbie's Cream made a striking

Most tastefully arranged vase of Spencers—Mrs. R. H. Grey, 1st, with a combination of New Miriam Beaver and Blue Picotee and an odd spray of White Spencer.

Bride's Bouquet and corsage bouquet (open to florists)—Art Floral Co., San Francisco, Calif., 1st, with White Spencer and Miriam Beaver; MacRorie-McLaren Co., San Francisco, 2nd. The Francis Floral Co., also had an attractive display of floral arrangements.

Morse's New Early Spencer Sweet Peas.

C. C. Morse & Co., the well known California sweet pea specialists, are offering some attractive novelties in early flowering Spencer sweet peas this season as follows, the descriptions being supplied by the originators:

Early Morning Star.—We put this novelty at the beginning of our list be-

did for packing and the flowers are borne on long stems in threes and fours. When in full growth it seems as though every stem carried four large blossoms. This was a wonderfully fine patch and most attractive because of the great quantity of blooms and the beautiful soft shade of pink.

Early Melody.—This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground. The effect when bunched is most pleasing. It is very floriferous. The flowers are borne on long stems and mostly four large well waved blossoms to each stem. This is sure to be a great favorite.

Early Spring Maid.—Those who are familiar with the late flowering Spencer, "Mrs. Hugh Dickson", will have a good idea of what a handsome variety this is. The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florists' flower. It is a most effective flower and like our other early flowering Spencers it carries a great wealth of blossoms borne in fours on long stems. There is no early Spencer cream pink which is as attractive as "Early Spring Maid."

Early Snow Flake.—This is the best early flowering white seeded white Spencer we have seen. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems. The form is every bit as good as our noted strain of "White Spencer" and for this reason will be in great demand by all who grow for market.

Early Heather Bell.—This will be one of the most popular shades with all florists as it will be so useful for making up for any occasion. It is a little like the variety known as "Anita Wehrman," but vastly superior in every way. The flowers are very large, borne in fours and threes on long stout stems and are of beautiful bold Spencer form. The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

Burpee's New Sweet Peas.

At the San Francisco exhibition of the American Sweet Pea Society, June 9-10, W. Atlee Burpee & Co., of Philadelphia, Pa., and Lompoc, Calif., were awarded a certificate of merit for Fordhook Pink and White, Fordhook Countess, Fordhook Light Pink and Fordhook King. Manager Earl says all growers of sweet peas should especial-



ROHNERT'S EXHIBIT AT THE SAN FRANCISCO SWEET PEA SHOW.

background. This firm also showed a new cream under the name of New Buttercup. The depth of the color was remarkable. Waldo Rohnert, Gilroy, Calif., also had a meritorious exhibit of all the standard varieties of Spencers. The whole showed high quality of stock and was displayed to excellent advantage. The judges were Eric James, president of the Pacific Coast Horticultural Society, and John McLaren, superintendent of Golden Gate park. The decorative displays were judged by Mr. Sanborn, Jr., of Oakland and Miss Evelyn McLean of San Francisco. The awards follow:

Best vase of Fiery Cross—Chas. W. Haas (John M. Aitken, Gr.), 1st; S. M. Spaulding (David W. Slade, Gr.), 2nd.

Six vases Spencers, six distinct varieties (amateurs and gardeners only)—Chas. W. Haas, 1st, with Constance Hinton, Mrs. Hugh Dickson and Capt. Travers; Mrs. Louis Stern (David Bassett, Gr.), 2nd, with Wedgewood, Doris Usher and Scarlet Emperor.

Twelve varieties of scarlet Spencers—Chas. W. Haas, 1st, Frank C. Thompson, 2nd; Emile Ralston, 3rd.

Nine vases Spencers—Chas. W. Haas, 1st; Mrs. L. Stern, 2nd.

Three vases Spencers—Chas. W. Haas, 1st, with Barbara; Mrs. L. Stern 2nd, with Illuminator.

Vase of Elfrida Pearson—Sigmund Stern (George Nunn, Gr.), 1st.

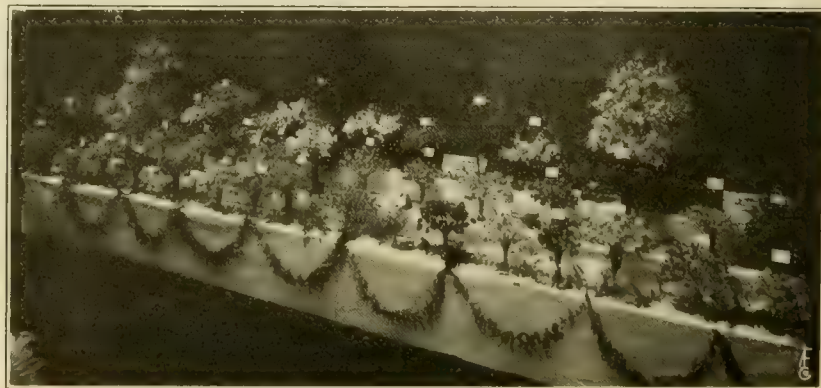
Vase of red Spencer—Mrs. L. Stern, 1st, with The Squire; S. M. Spaulding, 2nd.

Vase of lavender sweet peas—S. M. Spaulding, 1st, with Asta Ohn; David Patterson, 2nd.

Vase of mixed Spencers—Mrs. Geo. McLean, 1st; Philip Werner, 2nd.

cause we think it the best and most distinct. The color is a deep orange scarlet or flame color in standard with rich orange pink wings. The flower is practically the same color as the late flowering Spencer "Dobbie's Thomas Stevenson." It does not burn badly out in the open and under glass will be magnificent. The flowers are large and of best Spencer form and borne in threes and fours in wonderful profusion. This will be as popular a market flower as the old "Miss Willmott" grandiflora and under artificial light is superb.

Early Song Bird.—We are sure this will be the leading pale pink for florists. The flower is the same color as "Florence Morse Spencer" and "Lady Evelyn Eyre," and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground. The placement of the flowers is splen-



WALLER SEED CO.'S EXHIBIT AT THE SAN FRANCISCO SWEET PEA SHOW.

ly note these early-flowering Spencers now being placed on the market as in some localities they are surely going to displace the later strain for outdoor planting. In California the early-flowering Spencers break into the bloom in from 90 to 100 days and continue flowering throughout the same season, as the late strain which does not commence blooming until five or six weeks later

THE ROSE.

Control of Rose Diseases.

When the editor of the American Rose Society's 1916 annual was getting together material for that notable volume, he discovered that there had never been made in America any orderly study of the diseases of roses. It was found that even the up-to-date Bailey Standard Encyclopedia of Roses, in its second volume (1914), listed but one other rose disease than the familiar mildew, and that the other books and the rose catalogues either skipped the subject or glossed it over. Knowing how serious to rose-growers was at least one of these diseases—the all-too-familiar "black spot"—the editor then canvassed the various colleges and experiment stations, and the department of agriculture at Washington, only to learn that the rose had never had the attention given to carnations, cabbages or cut-worms, to apples or potatoes. Prof. H. H. Whetzel, the noted plant pathologist of Cornell University, wrote that none of his brethren had ever studied the diseases of what he termed "man's oldest and most widely cherished ornamental," and that therefore no means of control of some of these destructive rose diseases had been worked out.

The American Rose Society believes that this condition is a disgrace. It has therefore undertaken to organize a careful inquiry into rose diseases, which if supported by those interested ought to result in the proposal of methods of prevention and control as efficacious as those that, through similar study, have given fruit-growers courage to proceed profitably in defiance of brown rot and similar diseases. Much correspondence, following authorization at the recent Washington meeting of the society, has developed an exceptional opportunity to have the proper study begun and carried through at a small part of the expense—Cornell University sustaining most of the cost. Professor Whetzel states the situation thus:

"What is needed first is a rather careful study of the rose disease situation as represented in the gardens and houses of the members of the American Rose Society . . . a survey, in order that we may determine just what the chief diseases of the rose are. . . We propose that Mr. Massey, who has worked on florists' crops, and who is, in my opinion, the man for this job, should be employed by the American Rose Society under my direction, to spend three months of each year for two years in rose disease survey and investigation work, traveling as may be required; and that during the remaining nine months of each year his special line of investigation with us would be the diseases of roses. That

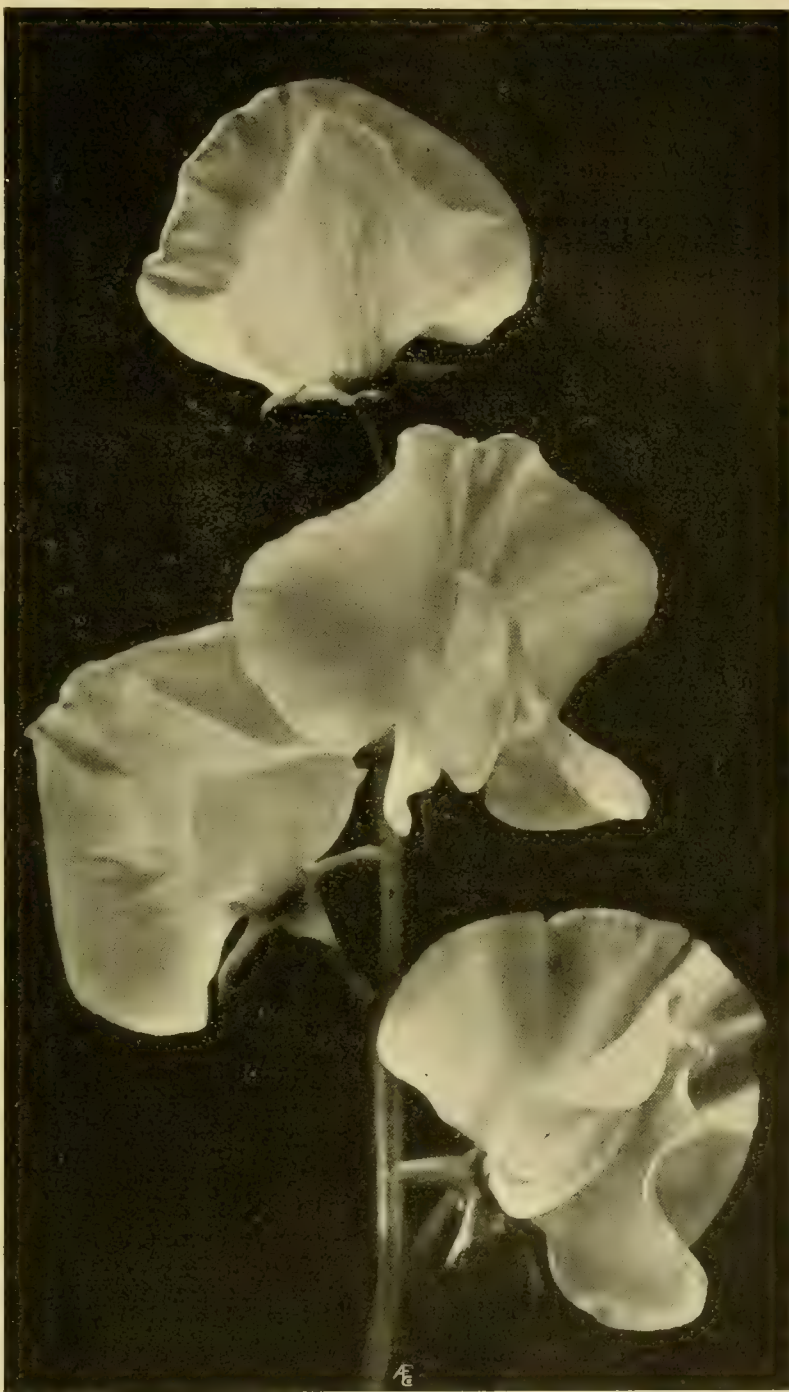
is, if the American Rose Society can support him while in the field one-fourth of the time, the Cornell department of plant pathology will have him make rose disease investigations the chief line of his work as florist disease investigator for the remainder of two years.

"We would provide such ordinary laboratory apparatus as he may need, and also give him professional aid and counsel, together with our hearty interest in the American Rose Society's activities. This would give the society the services of a thoroughly trained investigator of florist crop diseases at a cost small in comparison with that

required to finance the work independently.

"The cost would not exceed \$1,000 each year upon a two-year arrangement, of which sum \$500 the first year and \$250 the second year would be for traveling and other special expenses. If the American Rose Society desires to avail itself of this opportunity, I must know of it before June 30, 1916, in order to properly arrange with Mr. Massey."

It is the belief of the executive committee of the American Rose Society that the opportunity thus presented is one which rose-growers generally will be willing to support by the special



BURPEE'S EARLY FLOWERING SPENCER SWEET PEA FORDHOOK COUNTESS.

Awarded Certificate of Merit at the Philadelphia and New York Spring Shows of 1915 and the American Sweet Pea Society Show at San Francisco in 1916.

contribution necessary, information as to which must reach your president, as noted, before June 30. Let us act together to help put rose-growing in as safe a condition as is carnation-growing or apple-growing.

S. S. PENNOCK.

Pres't. Am. Rose Society.

Philadelphia, June 15, 1916.

CHRYSANTHEMUMS

Bench Stock For Cut Blooms.

The best time to bench the commercial varieties of chrysanthemums is the early part of June, consequently there should be no delay in getting these plants into their permanent quarters. The first part of the work will be to get the houses and benches in good condition before bringing in the soil. A thorough cleaning and the making of the necessary repairs should always be considered a part of the work of changing the soil, preparatory to replanting. Should it be necessary to do any painting of the woodwork, now is the time to do it; if not the sides of the house ought to have a scrubbing to remove the slime and dirt. After the benches are emptied of the old soil, clean out any rubbish from underneath them; then give the insides a thorough washing out, after which apply a good heavy coat of lime-wash, making sure that all the cracks are well penetrated.

Good soil is just as essential for growing commercial chrysanthemums as any other greenhouse crop. While the chrysanthemum is a comparatively easy plant to grow when the conditions are right, at the same time there is not another plant that will show the effect of poor soil and adverse treatment to any greater degree. The same soil as advised for growing exhibition cut blooms should also be used for the commercial varieties, but the application of fertilizers, after the plants have become established, need not be carried to the extreme as with stock being grown for exhibition purposes.

A little judgment in arranging the planting of the different varieties in sections according to their height and season of blooming will aid a great deal in making the crop a success. The tall growers of the early varieties can be given space by themselves where there is ample head room for the proper development of their blooms. The dwarf growers can be planted where there is less head room and the tall growers will not over-shadow them. The same course should be followed with the mid-season and late varieties.

Do not over-crowd the plants—every grower aims to get as much as possible out of every foot of bench room, but it is poor policy to plant too closely. There should be ample air space around each plant for it to develop its growth properly; varieties with small foliage, like Ivory, grown to single stem, can be planted 5x7 inches apart, while varieties with growth similar to Pacific Supreme should be planted 6x8 or 7x9 inches apart, according to the location of the benches. As before stated plants on a center bench, where it is possible to work all around them, can be planted a little closer than on the side benches, but there is no hard set rules about this; it is a question for the judgment of each individual grower to decide. Most growers follow the plan of growing their commercial chrysanthemums to single stem, but

there are some who find the method of training the plants to two or three stems the best and most profitable for their purpose, but when the plants are expected to develop two or three blooms they must be given more room and 9x10 inches apart is not any too much. Every chrysanthemum grower knows the value of getting the soil in a firm condition as soon as possible after planting; the plants make a much more sturdy growth in a firm soil than it is possible for them to do when the soil is light and spongy.

It is important that the work of supporting the plants be done as soon as the plants get to where they need supports. They will make better growth after being supported. The syringing and the necessary attention to the plants can also be better taken care of. It is a hard fight from start to finish to keep the chrysanthemum plants free from insects of every description, the young succulent growths being prey for all kinds of aphids as well as many other pests and the only way to keep them in check is by regular attention to the fumigating or spraying. During the summer months spraying with insecticides, according to the directions accompanying the material used, is the means followed by most growers. There are several good insecticides to be had, all of which are effective, and it is not so much the kind used as it is the regular attention to the work. Set an afternoon each week for spraying certain benches and then attend regularly to the work—there will then be very little damage by insects.

As soon as the early and midseason varieties have been planted, the pompon and singles should be benched; early propagated plants ought now to be nice branchy stock with three and four shoots, which is enough for a plant to carry. It will be necessary to pick out the side growths from these shoots and train and support them along if long stem sprays are wanted. When the object in view for the pompons is short sprays for bunches and basket work, smaller stock and plants grown more natural will do, but there is just as much or more work connected with growing a long stem pompon spray as there is in growing a fancy large bloom.

C. W. JOHNSON.

Manufacture of Agricultural Implements.

A summary of the manufactures of the agricultural implement industry as shown by United States department of commerce census of the output of 1914, issued June 21, 1916, shows the total products of the year were valued at \$168,120,632 from returns received from 772 establishments. In the census of 1909, 854 establishments reported products to the value of \$149,318,544. The value of the annual production therefore increased \$18,802,888 or 12.6 per cent during the five year period. A summary of the increase or decrease in the value of the various implements manufactured during this period follows:

Implements of cultivation increased from \$37,410,595 to \$39,632,903; planters and seeders decreased from \$12,306,207 to \$12,268,156; harvesting implements increased from \$35,250,840 to \$40,561,472; seed separators increased from \$11,588,986 to \$13,986,184; other agricultural implements other than those referred to in the four main classes mentioned increased from \$49,619,354 to \$60,211,327. Receipts from repair work during the five year period decreased from \$3,142,562 to \$1,400,590.

OBITUARY.

William F. Kasting.

The announcement of the death of William F. Kasting, president of the Wm. F. Kasting Co., Buffalo, N. Y., and postmaster of that city, which occurred at St. Louis, Mo., Thursday, June 15, following an attack of heart trouble, will be received with the keenest regret by the trade from coast to coast. Mr. Kasting was attending the democratic convention and also the meeting of the National Postmasters' Association, of which he was chairman of the executive committee. For eight years he had been a sufferer from diabetes and high blood pressure, according to his family physician. Since Wednesday Mr. Kasting had not been feeling well, so he confided to friends. An hour before his death he told a friend, who called at his room, that he felt improved and would attend the democratic convention. Dr. Robert E. Keaney, house doctor at the Maryland, had been treating Mr. Kasting since his arrival Monday. Mr. Kasting's name was to have been presented to the democratic convention as elector from the forty-first New York district. One of Mr. Kasting's last acts was the sending of flowers to all Buffalo women at the postmasters' convention. The convention adjourned in the afternoon out of respect to him. Resolutions of regret were at once adopted by the executive committee. A memorial hour will be set aside at the next convention in Washington.

William F. Kasting was born in Saxenhausen, Waldeck, Germany, son of John Kasting, a building contractor. His father died when the deceased was five years old, and after attending the school in his native village, he came to America when 14 years old and made his home with a sister in Buffalo. It was here that the florist trade first claimed his attention and became his life work, his first employment being with John Miller, who had the flower stand in the Niagara hotel. It can truly be said he was a self-made man. Dependent upon himself, he realized that before he could achieve anything, he must master the English language, and this he accomplished by attending night school. He developed peculiar aptitude in the florist business, and after two years went to St. Louis, Chicago, Cleveland and Erie, Pa. In each of these cities he acquired much valuable experience. Later he returned to Buffalo and took a position with D. B. Long, the first wholesale florist in that part of the country, and it was in this establishment that he mastered the important details of the wholesale trade. So great were his enterprise and skill that in 1896 he bought his employer's business. Five years later the business was moved to 383-387 Ellicott street, the present home of the concern. Later greenhouse branches were established at Erie, Pa., and Akron, N. Y.

Mr. Kasting was strongly identified with the practical work of many trade associations. He was one of the organizers of the Buffalo Florists' Club and in connection with that body promoted many successful exhibitions in his adopted city. He was a former vice-president of the national rose and carnation societies. In 1905 he was elected president of the Society of American Florists, having previously served as vice-president and in 1909 was chosen for the important office of treasurer. He was deeply interested in the politics of his state and city and in 1914 President Wilson appointed him postmaster of Buffalo. Last year, representing the New York Federation of Florists' Clubs, he was instrumental

in securing a stated appropriation of \$60,000 for ranges of floricultural and vegetable greenhouses, to be established at Cornell University, Ithaca, N. Y., for the use of students in those lines. He served several terms as park commissioner of Buffalo.

The remains had been escorted by friends from St. Louis to Buffalo and the funeral services held at the family residence gave ample testimony of the high esteem in which Mr. Kasting was held by all classes of the community in which he was best known. The residence and special tents provided for the occasion were wholly inadequate to accommodate the thousands who thronged the scene to offer a last tribute of respect to their beloved friend, and while the streets for many blocks were lined with autos, the sidewalks and lawns were packed with people. The public buildings carried their flags at half mast and everywhere throughout the city the departed merchant and representative of the government was the topic of the day, the stories of his political struggles freely interwoven with those of his benevolence and thoughtfulness for others. The Masonic bodies and the Rev. C. G. Haas, of St. Paul's Evangelical church, carried out the services and the numerous societies in which Mr. Kasting held membership were well represented in the attendance. The postoffice was represented by various officials and about 300 letter carriers in uniform. Music was rendered by the Orpheus Singing Society, of which Mr. Kasting was a prominent member. The active pallbearers were W. J. Palmer, S. A. Anderson, Charles Schoenhut, J. B. Wiese, Felix Alberts, Charles T. Guenther, Joseph Sangster and W. A. Adams. The honorary pallbearers represented the city's leading business men, together with many florist friends from far and near, the out-of-town trade being represented by Arnold Ringier, George Asmus, W. J. Keimel and M. Barker, Chicago; George M. Geraghty and Fred Miller, Toronto, Ont.; F. Brown and H. Bate, Cleveland, O.; Chas. H. Vick, George B. Hart, N. Keller, F. Schlegel and George Boucher, of Rochester, N. Y.; Dr. Earl Bates and W. F. Bultman, Syracuse, N. Y.; Steven Green, Philadelphia, Pa. The beautiful floral tokens filled five auto trucks and represented the trade of all important cities throughout the United States and Canada.

In 1901 Mr. Kasting married Miss Laura La Tour, daughter of Wm. La Tour. Mrs. Kasting died about four years ago. Three children survive, Laura Louise, John Roland and William L., the eldest, who is about 14 years of age, also a sister, Mrs. Mary Bixon.

FROM H. B. BEATTY, OIL CITY, PA.

"I am greatly shocked by the news of the death of William F. Kasting. I numbered him among my loyal friends and greatly admired him for his sterling qualities and for his devotion to the S. A. F. and the city of Buffalo. The society loses one of its most active and earnest officers and workers and the city a devoted and loyal citizen. To his sorrowing family and friends I send my heartfelt sympathy in their bereavement."

FROM WALTER F. SHERIDAN, NEW YORK.

"I feel a deep sense of personal loss in the passing away of William F. Kasting, whom I had known for many years. He died while enjoying the fruits of successful endeavor. A good friend and a genial personality is gone!"

FROM A. J. GUTTMAN, NEW YORK.

"It was my pleasure to have known William F. Kasting since the S. A. F.

convention held during the Pan-American exposition at Buffalo in 1901. There I first became attracted to this robust, sound principled builder. He was of a type that belongs to the new school which adopts for its motive and guide the principle—'If I help to make another prosperous, I will also be prosperous' rather than the principle so prevalent, 'If I can make another man poor, I will make myself rich.' In these times, when strong men—real builders—are none too plentiful in our midst and greatly needed, his passing away is a great loss to his family, to horticulture and to the country."

FROM FRANK H. TRAENDLY, NEW YORK.

"It seems hard for me to realize that our friend, William F. Kasting, (whom I have known for more than 20 years) has passed away. I have never known a more lovable man. His whole ambition seemed to center in what he could do for others. Those of us who were privileged to work with him for the



The Late Wm. F. Kasting.

interest of the Society of American Florists knew the sacrifices he made of his time from his own business, so that the national society would have the benefit of his experience. This is only one instance of the sacrifices he made, as his time was given to a great many other home organizations. But to know him in his home life is where he appealed to us most; and I know that it was with great pleasure that Mrs. Traendly and myself, and a pleasure shared by all of the members of the S. A. F. looked forward to meeting him and Mrs. Kasting at our conventions, and in his death the florists of this country will lose one of the best workers—and all of us, a very dear friend."

FROM JAMES M'HUTCHISON, NEW YORK.

"William F. Kasting is dead—'Billy' Kasting as his friends knew him—and his hearty open-face manner made it natural for one to call him by his first name. The grim reaper overtakes all of us in time, but Kasting's time came too soon; only 46 years of age but vigorous and active, one would think that many years of usefulness were ahead of him. Those who had business relations with him knew him as an aggressive, straightforward man, bluff and blunt sometimes, a fighter often, but always square and forcible by nature, he was quick to see both sides of any case. His rugged hon-

esty made him an ideal S. A. F. treasurer. I would as soon hand over trust funds to him as to a bank—and his word was as good as his bond. We will miss him at many organization gatherings. He was a man's man—always ready with a vigorous handshake and a broad smile."

FROM HARRY A. BUNYARD, NEW YORK.

"I have known Wm. F. Kasting for nearly 30 years—a friend of everybody and beloved by all. His death is a tremendous loss to the S. A. F. and the horticultural world. He was a national figure in all phases of life and destined for greater things. Vale."

FROM JOHN B. NUGENT, NEW YORK.

"If there ever was a man in the florist business, it was William F. Kasting."

Julian Duquette.

Julian Duquette, for several years superintendent of the floricultural department of the state fair at Syracuse, N. Y., and for more than 20 years engaged in the florist business at Albion, N. Y., died at his home June 18, aged 72 years. He has been in failing health for some time, and while eating supper complained to the nurse that he was suddenly stricken blind, and expired a few minutes later. The deceased was born in Clarkson, N. Y., and when a young man went to Lockport, where he resided for about 20 years, and at the end of that period removed to Albion to enter the florist business on the death of his father. He was recognized throughout the state as an expert in his line. Mr. Duquette was a veteran of the civil war, a member of the G. A. R. and the Masonic and Odd Fellow fraternities. He is survived by his widow, Mrs. Marguerite Duquette. The funeral was held from his late residence, June 19, and was largely attended.

Mrs. Katherine Stiefel.

Mrs. Katherine Stiefel, for the past 35 years in the retail business at 1932 Third avenue, New York, died June 16 at the residence of her niece, Mrs. Josephine Mossel, aged 58 years. Her funeral was held at the residence of Mrs. Mossel, June 18. Mrs. Stiefel's husband, who was an accomplished musician as well as a florist, was associated with her in the business until his death, four years ago. A leading wholesaler who had known Mrs. Stiefel for many years, recently stated: "She is one of the finest women that ever lived." She left no children, but another niece, Mrs. Granano, has been in charge of the business for some time, and will continue it.

A. F. F.

PHILADELPHIA, PA. — The Poryzees Flower Co. has closed its doors. The liabilities are said to be about \$2,000, with no assets.

HARTFORD, CONN.—The Bon Ton Flower Shop, bankrupt, will be conducted after July 1 by William J. McManus, under the name of McManus' Posey Shop.

WASHINGTON, O.—Three thousand lights of glass were broken at the greenhouses of Robert Buck & Co., during a hailstorm that visited this city May 30.

OMAHA, NEB.—J. J. Hess, who has just been appointed treasurer of the Society of American Florists, expects to leave for Wisconsin on a fishing trip before July 1.

GREAT BEND, KANS. — In the hail storm of May 28 Stoke & Stoke lost 4,000 square feet of glass and the stock was badly damaged; total loss nearly \$1,000, fully covered by insurance in the Florists' Hail Association.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE two most striking novelties at the recent Chelsea exhibition of the Royal Horticultural Society were Wm. Paul's Scarlet Pillar rose and Jackman's Crimson King clematis.

Personal.

Commodore John Westcott, of Philadelphia, Pa., will open the clubhouse at Waretown, N. J., June 23, for the season.

James J. Karins, the well-known representative of H. A. Dreer, Inc., Philadelphia Pa., is at the German hospital, that city, for an operation.

Eugene Dailedouze and wife, of Brooklyn, N. Y., stopped off at Chicago a short time June 15, enroute to Alaska, going as far north as Cordova in the copper mining region, and returning by way of Seattle to reach home about August 1.

Society of American Florists.

President Daniel MacRorie directs me to announce that he has appointed J. J. Hess, of Omaha, Neb., to serve as treasurer of the society to fill out the unexpired term of the late Wm. F. Kasting.

HOUSTON CONVENTION ITINERARY.

At this early date great interest is being shown in the thirty-second annual convention and trade exhibition to be held in Houston, Tex., August 15-17. It would appear that there will be a very creditable attendance from the east. Rates and particulars as to the different routes may be obtained by application to the secretary.

One favorable route will be by Southern Pacific Company, via steamer to New Orleans, train to Houston, then all rail returning. The best obtainable rate from New York to Houston by this route would be \$83.00. This will include berth and meals on steamer to New Orleans and first class rail transportation beyond, returning from Houston via St. Louis and New York Central lines. Steamers sail semi-weekly from pier, 48 North River, foot of West Eleventh street, New York, every Wednesday and Saturday at 12 o'clock noon and are due in New Orleans the following Monday and Thursday. Connections can here be made for Houston, leaving on the Sunset Limited leaving New Orleans at 11 a. m., which will arrive at Houston at 10 p. m. the same night. This will allow of a beautiful ride through the Louisiana sugar and cotton belt, which is a very scenic route. If the party desires to stop over at New Orleans for a day or so, connections could be made with train No. 9 leaving at 11:30 p. m., due in Houston next morning at 11:30. Sleeper rates between New Orleans and Houston are \$2.00. Trip if made from New Orleans by daylight could be made in large commodious coach unless party preferred to use parlor cars.

S. S. Momus will leave New York August 9, arriving at New Orleans Monday, August, 14, in the morning; by taking rail service there party would arrive at Houston 10 p. m. same night. Any of our members desiring to leave earlier may take the S. S. Creole leaving New York August 5, and arriving New Orleans August 10. If arrangements for the trip are made promptly we will plan so that the delegates and visitors will have "the time of their lives." Our southern brethren are making every effort to have this convention one of the most successful in the history of the society not only from a business standpoint, but also from the great amount of pleasure and valuable information derived from our visit to the south. Some of the leading firms of the country, alert to the opportunity of the southern market, have made early bookings for large blocks of space in the trade exhibit. Among them we find John A. Evans Co., M. Rice Co., A. L. Randall Co., Burlington Willow Ware Works, J. A. Peterson & Sons, H. C. Doescher and the Lord & Burnham Co. Intending exhibitors should not delay in securing space.

MOTHERS' DAY FUND.

Replies are coming in freely to the appeal sent out by the secretary for contributions to the testimonial or fund to be presented to Miss Anna Jarvis, founder of Mothers' day. The list of donors will be published shortly. Those desiring their names included in this list should make remittance now.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the following registration becomes complete: Freesia Splendida by Rudolph Fischer, San Gabriel, Calif.

June 16, 1916. JOHN YOUNG, Sec'y.

British Imports Amendment Sought.

Following the order in council which was signed by the king May 10, prohibiting the importation into the United Kingdom of bulbs and plants, as announced in our issue of June 3, page 1040, the Horticultural Trades association of Great Britain and Ireland at a special general meeting, May 24, adopted a resolution to be presented to the board of trade asking for an amendment of the order favorable to the importation of Japanese bulbs. The board of trade is also asked to include cut flowers in the order in council. The order applies to importations from the Channel Islands and it is believed that Guernsey will comply with the government's demand, in which case bulbs from that island will probably be allowed to come in.

New Plants.

One of the finest things in roses I saw at the Washington garden was the hybrid rugosa, Nova Zembla. For garden purposes it will make a valuable addition. Rose Hugonis is a beautiful new species, with single yellow flowers. This should be fine for garden embellishment.

The most striking new shrub is Le-moine's Philadelphus Bouquet Blanc. It would be worth a trip to Richmond to see our old imported plants at present time in full bloom. It measures up to the best shrubs in cultivation.

Gude's Sport of Radiance is darker than the rose which is being disseminated under that name. E. G. HILL.

Florist Victimized.

A New York lawyer, known to the Bowery as "J. b. Gee", was arrested recently on a charge of appropriating \$18,000 of a client's money. Frederick Bauer, the well known florist of Middle Village, L. I., complained that he had given that sum to the lawyer to invest in government and New York Central and Pennsylvania railroad bonds at the market price, but that the bonds never had been forthcoming. The lawyer, who has rooms at the Bowery branch of the Y. M. C. A., was locked up at the First Branch detective bureau.

Pot Makers' Credit Association.

A brand new credit association was organized at Atlantic City, N. J., June 17, with the makers of 90 per cent of the pots used in this country in attendance. The vital subject of credit was the drawing card and the meeting resulted in the new credit association being formed, to be known as the Pot Makers' Credit Association. P. M. READ.

BRITISH nurserymen and plantsmen are vigorously agitating increased prices for their stock, stating that everything needed in connection with their business has advanced and will go higher. One writer on the matter says, "Better quietly withdraw and sell out, and put all your push and energy into the seed trade, as this department is having a glorious time, like the farmers."

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young man; all-around florist, understands landscape work, store, designing, selling active and dependable.
 G. P. JOSEPHSON,
 Canton, N. Y.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address
 Key 637, care American Florist.

Situation Wanted—All salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
 Key 643, care American Florist.

Situation Wanted—German-American, 40 years old, sober and reliable, good grower of chrysanthemums, peas, pet plants; also good in designing, wishes position with good retail place or private, in or near Chicago preferred. Address
 Key 644, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address
 Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address
 Key 622, care American Florist.

Help Wanted—Good honest man with experience and good reference to work in greenhouse.
 H. F. RHOADES, Kulpmont, Pa.

Help Wanted—A good rose grower and one assistant; state wages wanted. Address
 Key 634, care American Florist.

Help Wanted—Rose growers and helpers. Steady job at good wages. Apply
 BASSETT & WASHBURN, Hinsdale, Ill.

Help Wanted—Young men to work in greenhouses as helpers. Apply
 POEHLMANN BROS. COMPANY,
 Morton Grove, Ill.

Help Wanted—Expert potters wanted. Steady position. Advancement for good men.
 POEHLMANN BROS. Co.,
 Morton Grove, Ill.

Help Wanted—A working foreman, capable of taking charge of a place of 200,000 sq. ft. of glass growing stock for own retail store. Address
 Key 642, care American Florist.

Help Wanted—Two good greenhouse men wanted, one capable of managing up-to-date plant; also man for pot plant establishment.
 A. HENDERSON & Co.,
 211 North State St. Chicago.

Help Wanted—Experienced greenhouse night man. One who understands firing, potting and other greenhouse work. Married man preferred. Must be sober and industrious. Can begin at day work at once. Wages, \$60 per month.
 RIDGE LAWN GREENHOUSES,
 Pine Ridge, Buffalo, N. Y.

Help Wanted—Young man or lady for office work in a greenhouse. Must have a knowledge of bookkeeping, selling and packing of plants and flowers, making up of designs and all work pertaining to the office of a first-class retail and wholesale business. A good chance for the right party who is a hustler. Address
 Key 631, care American Florist.

For Sale—Newly built bungalow with green house 25 feet by 50 feet, located in Morgan Park. Corner lot 100 feet by 20 feet. Call, or write owner.
 E. J. FREDERICKSON,
 10903 Hale Ave., Morgan Park, Ill.

For Sale—My florist business and greenhouses, 100 x 160 feet of ground, residence and 4500 feet of glass, modern construction, doing fine business. Want to retire. Do not answer unless you mean business and have some cash. Address
 A. HANSON, 2615 F Street, Vancouver, Wash.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address
 Key 627, care American Florist.

ROSE GROWER Wanted JOSEPH HEACOCK CO., WYNCOTE, PA.

Flower Store Opportunity.

There is an excellent location vacant for flower store at 2054 North Clark St. near Garfield Ave. and big new hotel. Full particulars on application to
 THALER BROTHERS,
 2036-2042 North Clark St., Chicago.
 Telephone—Lincoln 1061.

Foreman Wanted

General all around man for place in middle west.
 Key X, care American Florist.

Greenhouse Location Wanted.

Advertiser desires location for greenhouse and general florist's business, preferably between the Alleghenies and the Rockies, avoiding the extreme north and south. Business opportunity is the first consideration, with desirability as a place to live. Either a place of say 4,000 or more people, where there is no greenhouse and a good outlook, or of say 8,000 or more, where there is room for another. Substantial payment for useful information. Would consider purchase of established paying business in desirable place to live. None other considered. Give full particulars.
 Key 640, care American Florist.

ROSE GROWER WANTED

Capable of working two or three helpers. Also Carnation and 'Mum Growers. Wages in each case \$17.00 per week.
 F. FALLON, Roanoke, Va.

Wanted to Lease

With option to buy, 15,000 to 20,000 feet of glass near Chicago, suitable for carnations. Answer quick.
 Key 641, care American Florist.

FOR SALE

Greenhouses and stock, situated in borough of West Grove, Pa.; houses and stock in good condition; about 13,000 square feet of glass and nearly two acres of land; price reasonable; for further information apply or write to
 SOLOMON J. PUSEY, WEST GROVE, PA.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.
FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO

DEMAND STILL BRISK

— FOR ALL —

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

Advertise Them Now. The Season Is LATE.

THE AMERICAN FLORIST,

440 S. Dearborn St.,

CHICAGO

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Palms, Ferns, Aspidistras, Rubbers, Bay Trees, Etc. Also Bedding Plants and Potted Plants.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Oklahoma City.

STORMS FAIL TO STOP BUSINESS.

We have just passed through a week or so of unusual activity from the elements. The Canadian river is about a mile wide within the city limits, and some of the wind storms have played havoc with shade and fruit trees. The damage to the trees, however, is not so severe as was experienced last year in the month of June. Business does not seem to have been affected in any way by these untoward weather conditions, for the florists say that trade is exceedingly good; better than usual for the last half of June. Outdoor flowers are coming in abundantly; stock being cut at this time, includes gladioli, sweet peas, dahlias, candy-tufts, coreopsis, and from Arkansas heavy supplies of Magnolia grandiflora are being received. Storemen are complaining about the carnations they are getting from the Northern markets and growers; for two weeks, they aver, every carnation received has been sleepy on its arrival.

Carnations in the field are progressing unusually well. Furrow & Co. at their Guthrie establishment have the finest lot this year they ever had.

Wheeler Park is under from four to eight feet of water and all the bedding is ruined for the time being.

S. S. B.

Boston.

DEMAND VERY SATISFACTORY.

Business was very good during the past week, the large wedding orders and various graduations and conventions which have taken place creating a good demand for flowers, far better, in fact, than usual for the season. Roses sold very well, there being a good supply and prices moderately good; from \$2 up to \$16 per 100 was received for them. The wet weather damaged the crop of lily of the valley and made it very scarce just when the call was at its height, therefore making a high price. Carnations were also in demand, from \$2 to \$3 per 100 being the price on average grades. On Monday, June 19, the demand for dark red carnations was especially good on account of the Harvard class day, which took place June 20. Some extra fine blooms sold for \$6 per 100. Peonies are coming in larger quantities, Festiva Maxima being the most popular variety, 8 cents being the average price. Sweet peas are quite scarce and of poor quality and do not form a large factor of the business. Gladioli are coming in larger quantities and good spikes sell fairly well at 8 cents to 12½ cents. All in all the business for the week has been very satisfactory from all sides, but it is expected that the trade will from now on decrease to its usual summer volume.

NOTES.

The King Construction Co., North Tonawanda, N. Y., have contracted to build a new range of greenhouses for Walter B. Hunnewell at Wellesley. This is one of the largest contracts for private work in this vicinity for some time and is expected this will be the

most model and complete private range of glass in New England.

Thomas Cox, of Dorchester, who was one of this city's pioneer growers and has always been well known among the trade, has leased his establishment to Thomas Powers, who has been in Mr. Cox's employ for the past 15 years. Mr. Cox will retain his dwelling house and retire from active business.

Henry and Charles Robinson and Wm. Penn spent an enjoyable week end at Geo. Sutherland's place at Athol. The object of the trip was trout fishing, but not much has been said about the fish.

Robert Montgomery, Jr., of the Thos. J. Grey Co., had a narrow escape from injury when his car was run into at York Beach, Me.

F. L. W.

Columbus.

STOCK PLENTIFUL; REASONABLY PRICED.

Roses are at present the most staple feature of florists' stocks, the chief varieties being Sunburst, Ophelia, Maryland and Russell. They are very fine and in good supply. Prices range from \$1.50 to \$2 a dozen for the usual run, but with some fancy blooms selling at \$3. With carnations it is a sort of mid-season, the main crop having become exhausted, leaving for the present only small blooms. The price of 75 cents shows a tendency to break under this condition, as demand has slackened up. Sweet peas bring 50 cents a bunch. Garden flowers bought at the local flower market and worked up into basket effects have been a profitable feature of trade. The June wedding season was quite up to expectations, particularly in the preliminary entertainment of brides. Colonial bouquets were a large favorite in this kind of trade. Florists who give attention to bedding have only one complaint, and that is that they were sold out before the season was over.

The Art Floral Company is now in its new location, 57 East Gay street, in the same neighborhood with their old quarters in the Keith's Theatre building. Mostly new fixtures were installed. They are finished in a rich shade of gray. The shop is very attractive and up-to-date in appearance. S. Graff, the manager, is well pleased with the manner in which his trade is following him to the new home.

J.

NEW ORLEANS, LA.—Extensive preparations are being made by the craft of this city for the entertainment of all florists and their friends who will stop here en route to the S. A. F. convention at Houston, Tex., August 15-17.

SKANEATELES, N. Y.—Archie Patrick has purchased the business of the late J. G. White, which has been conducted by his widow since his death. The new proprietor has been for many years connected with his father, A. Patrick, veteran florist of Auburn, N. Y.

Lancaster County Florists' Club.

At the June meeting, which was attended by 20 members of the club, the number being later augmented by the appearance of several others, including our faithful friend, Dennis Connor, enroute to New York, the feature of the evening was a peony symposium, the essayist being B. F. Barr, of Wyomissing, Pa., whose paper was both encyclopedic and cultural. It was well received, and in the discussion which followed, it was brought out that the flowering period could be advanced by using a diluted solution of nitrate of soda every three or four days. The flowers can be held in cold storage by cutting them when only partially open and putting them into water of a temperature of about 45 degrees for about 24 hours, then packing them in boxes or better in jars of wet moss with the heads wrapped in tissue paper and then placed in a temperature of 30 to 35 degrees. In this way it is claimed they can be held for 10 to 14 days. It was also brought out that the peony could not be expected to give full results until about three years after it had been planted. The essayist claimed that Gen. Washington was the nearest to red in existence today. The exhibition table contained a fair display staged by him among them being the following varieties: Albatre, Gen. Washington, Parnard, Pallissy, Asa Gray, Mme. Baquet, Couronne D'Or, Wilhelmina, Festiva Maxima, Eugene Verdier, Princess Beatrice, Marie Lemoine and Souvenir de l'Exposition Universelle. M. Barr was accorded a hearty vote of thanks for his excellent paper.

The flower show committee has been increased and now stands as follows: Harry K. Rohrer, chairman; M. J. Brinton, A. F. Strickler, Elmer Weaver, Lemon Landis, David Rose, Rudolph Nagel and B. F. Barr. The date fixed by the former committee was November 9-11, but the new committee thought this time too close to presidential election and also that it was barely possible that there might be a snow storm that week. The picnic committee reported progress, but no date has been fixed. B. F. Barr's meadow will be the place and the attendance will be limited to florists and their friends. Out-of-town florists will be welcome to attend and can get full information by applying to the secretary, Elmer Weaver, Ronks, Pa. The programme committee made no report for the July meeting, assuming that the picnic would take the place of the regular meeting and suggested that the August meeting be an aster meeting at the establishment of Elmer and Charles Weaver, the largest growers of this flower in this vicinity.

There is a possibility of the club taking up the planting of a rose garden in one of the local parks. The appeal for contributions to the Miss Anna Jarvis fund was carried over for a voluntary contribution from the members of the club at the picnic and the meeting at Weavers' and it is hoped that the club will be able to turn over a substantial sum.

ALBERT M. HERR.

**Get Them from Vaughan's
and Get Them Good**

FOR FORCING
Imported Bulbs
French
Japanese
Dutch

as well as

Bermuda and California Stocks

**Bought and Inspected
by Our Own Traveler**

**Offered by Us at Rates and Terms
to meet any competition**

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

**Write us for
News of Latest
Foreign
Conditions**

CHICAGO

VAUGHAN'S SEED STORE, NEW YORK

WHY NOT NOW?

Don't put off being prosperous. Begin today. Take a hint from the list. Send us your order, and begin pleasing your customers. They are quick to note improvement in quality.

American Beauties, fine quality, per 100, - \$4.00 to \$20.00
 Mrs. Chas. Russell, " " " " - 3.00 to 15.00
 Carnations, " " " " - 10.00

Roses, short good stock. Large supply of fine Roses, all varieties, medium and long

Easter Lilies, fine quality, per 100, - - - \$10.00

New Flat Ferns, Orchids, Valley.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES. Per doz.
 Long\$3.00
 30-36-inch2.50
 24-inch2.00
 20-inch1.50
 Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.

OPHELIA, RICHMOND, MILADY, SUNBURST,
 KILLARNEY BRILLIANT, KILLARNEY,
 WHITE KILLARNEY, WARD. Per 100
 Long\$8.00 to \$10.00
 Medium6.00
 Short2.00 to 4.00

MRS. CHAS. RUSSELL. Per doz.
 36 inches long.....\$2.50
 30 inches long.....2.00
 24 inches long.....1.50
 18 to 20 inches long.....1.00
 Shortper 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.
 Per 100\$2.00
 CARNATIONS. Per 100
 Fancy\$3.00
 Medium2.00
 Short\$1.00 to 1.50

PEONIES. Per 100
 Fancy pink and white.....\$4.00 to \$8.00

MISCELLANEOUS CUT FLOWERS. Per 100
 Lilies10.00
 CATTLEYSper doz., \$7.50 to \$9.00
 VALLEY..\$4.00, \$5.00, \$6.00 per 100

MISCELLANEOUS GREEN GOODS.
 Mexican Ivy\$0.75
 Smilax2.50
 Sprenger and Asparagus Sprays.... 2.00 to 3.00
 Leucothoe75
 Adiantum1.00 to 1.50
 Galax (bronze and green)...per 1,000 1.50
 New flat fernsper 1,000 2.50

Economize

When Buying Your Supplies

PRE-INVENTORY SALE

Here is a splendid opportunity to lay in a good stock of supplies if you order before July 1, 1916. Look over our special inducement circular being mailed this week, which contains articles listed at prices that are attractive and will save you money.

Be sure that you get this circular and if it does not reach you in due time write for it without delay.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

We are distributing several cars of extra fine Sphagnum Moss this week and advise you to order 12 bales today—you will not regret it.

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Hose

POEHLMAN

72-74 E. Randolph St.,

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

Kentias

BELMOREANA MADE-UP PLANTS.
Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high.....	\$ 4.50
4 inch pots 5-6 16-18 inch high.....	\$.40
6 inch pots 6-7 24 inch high.....	1.00
6 inch pots 6-7 28-30 inch high.....	1.50
6 inch pots 6-7 32-34 inch high.....	2.00
8 inch tubs 6-7 36-38 inch high.....	3.50

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high.....	\$ 4.50
4 inch pots 5-6 18-20 in. high, ea.....	.40

Leaves	Each
6 inch pots 6 28-30 inch high.....	\$ 1.00
6 inch pots 6-7 34-36 inch high.....	1.50
10 inch tubs 6-7 5½ feet high.....	8.00
10 inch tubs 6-7 5½-6 feet high.....	10.00

FOSTERIANA MADE-UP PLANTS

Plants	Each
8 inch tubs 4 38-42 inch high.....	\$ 3.50
8 inch tubs 4 48-50 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 5 feet high.....	8.00
12 inch tubs 4 60-64 inch high.....	10.00
12 inch tubs 4 5½ feet high.....	12.00
12 inch tubs 4 5½-6 feet high.....	15.00
15 inch tubs 4 6-6½ feet high.....	\$18@20

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50
inch Spread	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracena Godseffiana, \$8.00 per 100.	Each
Dracena Lindenl, 6-in.....	\$1.25
6 inch pots Dracena Massangeana.....	\$1.25; 7 in., \$1.50

ARECA LUTESCENS

8 inch pots, 4 plants.....	\$1.00
8 inch pots, 5 plants, 44 in. high.....	4.00

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong.....	\$0.50 each
5 inch pots.....	.75 each

2½-inch Grafted and Own Root Rose Plants.

	1000
Killarney, own root	\$ 56.70
White Killarney, grafted	100.00
Killarney Brilliant, grafted	100.00

	1000
Elgar (special only), grafted	100.00
Old Gold, grafted	100.00

American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

HYDRANGEAS

50c, 75c, and \$1.00 each. Larger specimens, \$3.00 to \$5.00 each.

	100	1000
Achyrantes Brilliantissima, 2½ in.....	\$ 2.50	
Achyrantes Lindenl, 2½ in.....	2.50	
Begonia Luminosa and Vernon, for bedding, 2½ in.....	2.50	
3 in.....	5.00	
4 in.....	8.00	
Begonia Chatelaine, 2½ in.....	3.50	
3 in.....	8.00	
4 in.....	15.00	
5 in.....	each, 25c	
Begonia Lorraine, 2 in.....	10.00	
2½ in.....	12.00	
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot: 6-inch pots 75c and \$1 each.		
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		
Cyclamen—3 inch, \$3.00 per 100.		
Seedlings, \$40.00 per 1,000.		

	100	1000
Dusty Miller, for border, 2½ in.....	2.50	23.00
German or Parlor Ivy, 2½ in.....	2.50	
Fuchsias—5c and 12c each.		
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.....	2.50	22.00
Marigold, Double, 4 in. pots.....	8.00	
Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each.		
Petunia, single fringed, all colors, 3 in.....	5.00	
4 in.....	8.00	
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in.....	3.00	
Primula Obconica, 2½ in.....	\$ 3.50	

	100	1000
Salvia Bonfire and Zurich, from cuttings, 2½ in.....	2.50	
3 in.....	5.00	
4 in.....	8.00	
Smilax, strong new stock, 2½ in.....	2.50	
3 in.....	6.00	50.00
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.		
Whitmanl, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		
Torenia Fournieri, Blue, 3-in. pots	5.00	
Vinca, 4 in.....	\$10.00 to 15.00	
Vincas, Green.....	8.00	
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots.....	2.50	

Fine Chrysanthemum Stock--Best Obtainable.

PINK—	Rooted Cuttings 100	2½-in. plants 1000
McNiece	\$2.50	\$2.75
Enguehard	\$2.50	27.00
R. E. Loeben	2.50	27.00
Patty	2.50	27.00
Wells Late Pink	2.50	27.00
Chieftain	2.50	27.00
WHITE—	Rooted Cuttings 100	2½-in. plants 1000
October Frost.....	\$2.50	\$2.75
Chas. Razer	2.50	25.00

	Rooted Cuttings 100	2½-in. plants 1000
Elise Papworth.....	2.50	25.00
W. H. Chadwick.....	2.50	25.00
Timothy Eaton	2.50	25.00
Alce Salomon.....	2.00	25.00
White Chieftain	4.00	48.00
Bronze—	Rooted Cuttings 100	2½-in. plants 1000
O. H. Kahn.....	2.00	25.00

YELLOW—	Rooted Cuttings 100	2½-in. plants 1000
Golden Glow	\$2.00	\$18.00
Chrysolora	2.00	18.00
Yellow Eaton	2.00	18.00
Yellow Salomon.....	2.00	18.00
		</

N BROS. CO.

ong Distance Phone,
Randolph 35.

CHICAGO, ILL.

YELLOW ROSES

We have a large stock.

Prices per 100: Short, \$3.00 to \$4.00; Medium, \$6.00; Long, \$8.00.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stem.....		\$3.00
Extra long stems, seconds.....	\$1.00 to	1.50
Medium stems.....	1.50 to	2.00
Shorter lengths.....	.50 to	.75

Sunburst		Per 100
Extra long		\$8.00
Medium		6.00
Short	\$3.00 to	4.00

**Rhea Reid--Ophelia--Richmond--Shawyer
White and Pink Killarney-Killarney Brilliant**

Long.....	per 100,	\$6.00 to \$8.00
Medium.....	"	4.00 to 5.00
Short	"	3.00

Mrs. Chas. Russell.		Per 100
Extra long.....	\$10.00 to	\$12.00
Medium		8.00
Short.....	4.00 to	5.00

Cecile Brunner.....per bunch, 50c

Carnations		Per 100
Red, White and Pink extra fancy.....	\$2.00 to	\$3.00

LILY OF THE VALLEY.....\$5.00

ASPARAGUS SPRAYS and SPRENGER.....3.00

**FERNS, new.....per 100, 20 cents; in lots
of 1000 or more, \$1.50 per 1000.**

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN,

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

TRADE CONTINUES GOOD.

Trade continues good and while there is a large supply of stock reaching the market it is moving nicely at fair prices and there is no great surplus except in one or two items to speak of. Lily of the valley is still in brisk demand and in such short supply that several of the dealers have advanced the price on their best grade to \$6.00 per 100. Orchids are scarce as ever and command high prices. American Beauty roses in the longer grades are having a good call, but there is very little stock obtainable. Short stemmed American Beauty roses are in good supply but clean up well right along at satisfactory prices. Roses in general are in good supply, especially Ophelia, Mrs. Chas. Russell, Sunburst, Mrs. Aaron Ward, Killarney, Killarney Brilliant and White Killarney. Richmond, Rhea Reid, Hoosier Beauty, Milady and Hadley are selling surprisingly well and the same holds good for My Maryland, of which the supply is rather limited. Carnations are plentiful and notwithstanding the fact that they are showing the effects of the warm weather there is a large supply of good stock available. Peonies are to be had in quantity and some very fancy stock in all the seasonable varieties is now obtainable. Gladioli are seen at several of the stores and at times have a fairly good call. Lilies and callas are in fair supply and the same holds true for sweet peas, which clean up quickly at good prices, especially in the better grades. Some exceptionally fine feverfew is offered and is finding a ready market. Candytuft, daisies, cornflowers, statice, larkspurs, calendulas, pansies, Double White narcissi and other miscellaneous stock is included in the shipments and are having their usual call.

Green goods of all kinds are plentiful and some unusually good ferns, both from Wisconsin and Michigan, are now reaching the market.

EXPRESS STRIKE SETTLED.

The expressmen's strike is not settled entirely, notwithstanding the rumors that some of the men have gone back to work. A meeting was held Sunday, June 18, when about 1,000 of the 9,000 strikers decided to continue the strike. The sentiment had been in favor of ending the trouble up to within a few hours of the meeting when they suddenly changed their mind. The special service inaugurated by the trade will be continued until the express companies will be able to handle the situation in a manner satisfactory to all the members. While the strike is not exactly over, it appears as if it will be definitely settled in a short time, at least everyone hopes so. Later.—The strike was settled late Wednesday afternoon, June 21.

NOTES.

Poehlmann Bros. Co. is distributing several carloads of sphagnum moss this week and are offering 12 bales for \$10 as a special offer. Roland Poehlmann, son of Mr. and Mrs. August Poehlmann, graduated from the Western Military Academy of Alton last week. Mrs. Poehlmann and daughter, Virginia, and son, Earl, went down to attend the graduation exercises. Adolph Poehlmann has invested in a new Winton Six and Poehlmann Bros. Co. have added a Ford to use about the greenhouses.

Peter Reinberg is cutting a good supply of My Maryland roses, which are selling unusually well and clean up almost as quickly as the shipments reach the store. Herbert Hansen will leave on his vacation next week, which will be spent at Kansas City, Mo., and

it is rumored that he will be married while he is away. No one knows who the lucky young lady is, unless it is Miss Orm, the celebrated bunco player.

A. T. Pyfer & Co. are handling a fine supply of roses from the Pyfer & Olsem range at Wilmette, which includes very choice Killarney Brilliant. Peter Olsem is making arrangements to get things in shape at the Peter Nepper greenhouses which Pyfer & Olsem have leased and take possession July 1. The entire output, which will consist principally of carnations, will be handled exclusively by A. T. Pyfer & Co.

E. F. Kurowski, of the John C. Moninger Co., and wife, will leave July 1 with the German Club of Chicago, of which he is a member, for a four-day lake cruise on the specially chartered steamer, South American. Entertainment will be provided enroute and stops will be made at all important places on the east and west shores of Lake Michigan.

Robt. Blake, with Mrs. J. B. Freeman, Toledo, O., was a visitor at Zech & Mann's establishment this week, and took in the auto races at Speedway Park with Allie Zech, Sunday, June 18. His mission here was to buy stock for a large wedding decoration booked for June 28.

The George Wittbold Co. never had such a busy June business in the retail department as this year, and reports the sales considerably ahead of 1915. E. Doetsch, one of the designers in Wittbold's employ, made 80 corsage bouquets of sweet peas in three hours.

C. Claussen, with A. P. Bonvallet, sent a shipment of Myrtle gladioli to the E. C. Amling Co., from Wichert, by parcel post, June 17, which was his first cut of the season.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

HEAVY SUPPLY

Ophelia--My Maryland--Russell

Extra fancy stock in all grades at prices that will meet with your approval.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....

Killarney.....

White Killarney.....

My Maryland.....

Sunburst.....

Ophelia.....

Milady.....

	Per 100
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

Per 100

Roses, our selection..... \$ 3.00

Carnations, fancy

Harrisii

Peonies

Valley

Sweet Peas

Adiantum

Asparagus, per bunch

Ferns, per 1,000.....\$4.00

2,000,000 Feet of Modern Glass

Greenebaum Sons' Bank & Trust Company report a loan of \$90,000, in the form of a bond issue at 6 per cent, for a period of two to seven years, in favor of Joseph Trinz, secured by the West End Building, located at the southeast corner of Cicero and West End avenue. The property consists of a three-story brick building containing eight stores and twelve flats, in addition to a theatre, rental per annum being \$18,000. THE AMERICAN FLORIST published the first report regarding the West End Building several months ago.

The funeral of the late Nicholas Kruchten, Jr., was held from the home of his parents at 5727 North Western avenue, Friday, June 16, at 2:30 p. m. and was largely attended. The floral offerings from the trade were many and beautiful and it took three large automobiles to convey them from the home to Graceland cemetery, where the remains were laid to rest.

A. L. Vaughan & Co. are receiving a large quantity of choice peonies from several different sources, including fancy stock from the Des Plaines Floral Co.'s farm of which Harry Blewitt and John Prickett are proprietors. Miss Paradise, the popular cashier at their house, will spend her vacation at Denver, Colo., this year, leaving early next month.

Henry Wehrmann, Maywood, and Max Awizzus, with the E. C. Amling Co., had a delightful time fishing at Lake Zurich, June 18, when they succeeded in making a nice catch. A. C. Kohlbrand took a run down to Crown Point, Ind., June 17, to help Hans Yepsen catch a few of the finny tribe in the Kankakee river.

Mr. and Mrs. N. J. Wietor celebrated their nineteenth wedding anniversary Thursday, June 15. At Wietor Bros. store the receipts of short and medium

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Up-To-The-Minute Florists

doing a twentieth century business always
buy their Cut Flowers and Greens here.

Chicago's Largest Dealers in Decorative Greens

stemmed Ophelia roses are very heavy, but clean up nicely every day, owing to the brisk demand for this popular variety.

There is a movement on foot to have all the local retail establishments close all day Sunday during July, August and September. Art Blome says that Paul Blome & Co. are willing to

head the list if the others will follow suit. Who's next?

Kyle & Foerster are handling a splendid grade of Michigan ferns, which are second to none in this market.

R. J. Coulterjohn and A. Saunders are the latest additions to the A. L. Randall Co.'s traveling force.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems	.....	\$5.00
36-inch stems	.....	4.00
30-inch stems	.....	3.00
24-inch stems	.....	2.50
18-inch stems	.....	2.00
12-inch stems	.....	1.50
White—KILLARNEY—Pink.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Medium	.....	4.00
Short	.....	3.00

RICHMOND		Per 100
Extra Special	.....	7.00
Select	.....	6.00
Fancy	.....	5.00
Medium	.....	4.00
Short	.....	3.00
OPHELIA.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Good	.....	3.00
SUNBURST.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Good	.....	3.00

GEORGE ELGAR	.....	35c per bunch
ROSES, OUR SELECTION \$3.00		
CARNATIONS.		Per 100
Fancy	.....	\$2.00
Good	.....	\$1.00 to \$1.50
LILIES.		Per 100
Fancy	.....	\$10.00 to \$12.50
Miscellaneous.		
Peonies	.....	\$5.00 to \$8.00
Ferns, per 1,000	.....	2.50 to 3.00
Smilax, per doz.	.....	2.00
Adiantum	.....	1.00
Sprenger, per bunch	.....	.50
Asparagus Sprays, bunch	.....	.50
Other Green Goods Market Rates.		

Mention the American Florist when writing

John Stuppy, with the Stuppy Floral Co., St. Joseph, Mo., was here several days last week, during which time he visited many of the leading greenhouse establishments in this vicinity. He left for New York, Monday, June 19, and expects to stop off here a couple of weeks on his way back home.

Dan Simonds, of the Ogden Floral Co., 1917 West Harrison street, will leave next week for Ojibwa Lodge, on French Lake, in the Flambeau reservation, northern Wisconsin, where the fishing is always good.

A. I. Simmons, 242 West Sixty-third street, recently appointed depot quartermaster of the commissary department of the Illinois National Guard, expects to leave with the state troops for Mexico this week.

Percy Jones is enjoying a fine shipping trade and is having a heavy call for fancy candytuft, which they are receiving in large quantities. This firm is strong on green goods of all kinds, particularly ferns.

Bassett & Washburn report a brisk demand for Ophelia roses, which they are cutting in large supply and which clean up early each day notwithstanding the large quantity of other stock offered.

Mrs. Carl Meier and daughter, Mrs. O. A. Schroeder, of Green Bay, Wis., visited friends here this week, returning home June 20 with Mr. Meier in his automobile, who joined them the day previous.

Miss Marie Risch, nineteen-year-old daughter of Mr. and Mrs. John Risch, Evanston, graduated last week from the Academy of Our Lady at Longwood.

Erne & Klingel report a good demand for local grown peonies which they are handling in quantity in all the best seasonable varieties.

The McNeff-Swenson Co., making a specialty of designing and printing florists' circulars, is in financial difficulties.

George Pandell of Fort Wayne, Ind., was here on business this week. He reports trade as good with no let-up in sight.

E. H. Klein, secretary of the J. F. Amman Co., Edwardsville, and wife, visited friends here this week.

Adam Zender and wife will leave shortly to take in the sights at Yellowstone Park.

CUT PEONIES--GERANIUM PLANTS

Plenty of Stock—Write for prices on what you need.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

Peter Reinberg has returned from St. Louis, Mo., where he attended the democratic convention held there last week.

D. E. Freres and Jack Byers returned June 15 from a delightful fishing trip off government pier.

The Bowen Floral Co. reports trade as good at its new store at 3167 Broadway.

George Heinlein has added a Ford delivery car to his express service.

Jack Byers is managing Pyfer & Olson's retail store at Wilmette.

Visitors: George Franks, Campaign; A. T. Bushong, proprietor of the Gary Floral Co., Gary Ind.; Wm. Feniger, Toledo, O.; R. Latham and W. Topel, with the L. S. Donaldson Co., Minneapolis, Minn.

Minnesota State Florists' Association.

The regular meeting of this association will be held at the store of Holm & Olson, 24 West Fifth street, St. Paul, Minn., Thursday evening, June 22, at 8:00 p. m. sharp. The program contains the following:

Stereopticon views of the Minneapolis park system and lecture on same by Theo. Wirth, superintendent of parks. "Outdoor Rose Culture", by Ernest Meyer, and a general discussion by others. Committee on questions, A. Lauritzen, C. N. Rudlinger and Max Kaiser.

Bring your friends or anyone connected with the trade. Every florist, nurseryman or gardener, whether a member or not, is cordially invited. Refreshments will be served after the meeting. Every member of this association is requested to attend and make this one grand live meeting. The annual summer outing comes up at this meeting and committees are to be appointed. Answer by return postal if you will be present and how many guests you will have with you.

THOS. C. ROGERS, Sec'y.

Milwaukee.

GOOD DEMAND FOR COMMENCEMENT.

Trade in general showed increased activity during the past week; this together with the cool weather which prevailed and kept the supply in check made it possible to report satisfactory results. Local peonies are in and prices vary, depending on the quality and the quantity taken. The week opened with a brisk demand for flowers for commencements.

NOTES.

The employees of the Holton & Hunkel Co., will be the guests of the firm. Sunday, June 25, at Brown Deer. For excitement in the line of pleasure, eating and drinking this event is always eagerly looked forward to long before it is due. This firm reports fine business.

Rain once every 24 hours is the order of weather during the past week and these rather unfavorable conditions are responsible for a great quantity of old bedding stock that will find "hard going" from now on.

Most of the downtown florists had their share of the orders for the commencement exercises at Downer college, calling for the best grade of stock as a rule.

Gust. Fusch, of the Gust. Rusch Co., reports a rushing (no pun) business, but took time to order a new Reo which is due to arrive in a few days.

The local trade was greatly shocked to hear of the untimely and sudden death of William F. Kasting at St. Louis, June 15.

Nic Zweifel and family have taken a cottage at Cedar lake for the month of June—"fish stories" later.

Gust. Pohl is cutting exceptionally fine sweet peas in large quantities these days.

The C. C. Pollworth Co. reports shipping trade as very brisk.

E. O.

HERE'S YOUR OPPORTUNITY

You can always obtain what you need in Cut Flowers and Greens from us at the most reasonable prevailing Chicago market prices. Everything in quantity listed so place your order with us.

Current Price List

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection.....	8.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white.....	\$3.00
Red and pink	2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz.,	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string,	\$0.50
Asp. Plumosus Sprays.bunch,	\$0.35 to .50
Sprengerl .....per bunch,	.35 to .50
Adiantum .....per 100,	1.00
Smilax, choice .....per doz.,	1.50 to 2.00
Fancy Ferns .....per 1,000,	4.00
Galax Leaves .....per 1,000,	1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

ROSES===CARNATIONS===PEONIES===LILIES===VALLEY

and everything else that you need in seasonable Cut Flowers and Greens.

Just now we are particularly strong on fancy Russell and Milady roses.

Nashville, Tenn.

MID-SUMMER LULL ARRIVES.

The weather is getting warm again after several days of delightful coolness and the regular mid-summer lull appears at hand, and the florists' windows seem to put on that depressing appearance. There are still a number of June weddings to come and the call for funeral orders is ever with us and there is sufficient stock to take care of that much trade. Roses continue fair what there are of them and lilies continue to arrive. In addition there is an immense supply of summer flowers such as candytuft and alyssum. Gladioli are also plentiful

and fill in nicely. Hydrangea plants are also seen in numbers and the sweet pea supply is abundant.

To stimulate the culture of flowers, and also vegetables, the city beautiful organization has offered prizes for the best displays shown three times during the summer, viz.: June 15, July 15 and August 15. The first showing has just been made, and in both interest displayed and the quality of the exhibits, exceeded the expectations of the most sanguine. Every variety of flower from daisy to lily and in vegetables from onion to well grown cabbage, all raised in the back yards of the city were in evidence. The

attendance was large and the visitors were loud in their praise of the splendid work already accomplished in this movement. Even better results are expected from the two exhibitions to be made later. After the displays are judged the flowers and vegetables are sent to charitable institutions.

M. C. D.

PROVIDENCE, R. I.—Owing to the very late season the June show of the Rhode Island Horticultural Society has been postponed until June 23. Entries should be made on blanks provided and sent to Ernest K. Thomas, secretary, Kingston, R. I., two days before the exhibition.



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc., for Weddings and School Closings. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Cleveland.

HEAVY OVERSUPPLY IN ALL LINES.

"June, the month of roses" — and other flowers is with us, and the stock in nearly every seasonable variety and grade is most plentiful. America and Halley gladioli, delphiniums, snapdragons, columbines, daisies, peonies, feverfews and Easter lilies are all seen and are only a small part of the offerings. Carnations and roses are very plentiful and prices are low, lower in fact than any previous June we can remember. Large numbers are sold, however, and the total receipts will average about the same as last year. Sweet peas, swainsonas, etc., are plentiful and the call is good. The street fakirs are seen on all downtown corners, and the carnivals and flower games use large quantities of stock in open roses and carnations. Some very good Rhea Reid roses are arriving and they were much in demand during the past week for commencements. Red peonies also had a good call for the same purpose. One retailer received a small shipment of water lilies this week.

NOTES.

Peonies grown at Warrensville and other city farms were given away at the municipal markets this week, the fact being advertised in the local papers. The local florists have a "kick coming," and members of the florists' club are requested to register it at the next meeting. This is an important matter.

The annual outing of the florists' club is scheduled for the near future. A list of the events and date will be announced in these columns later.

C. F. B.

Fort Wayne, Ind.

June weddings have been the feature of the trade during the past week with commencement orders a close second. The demand for funeral designs has also been good. Outdoor stock is arriving in good supply and that of the greenhouse varieties is plentiful, especially roses. The quality of all stock is good, and a splendid demand holds prices firm.

NOTES.

Mrs. Aaron Shive and Miss Mildred Flick of the Flick Floral Co. arranged a very elaborate wedding decoration at Decatur June 17. The flowers for the bride and her attendants were also supplied by this firm.

Miss Helen Patten, of the Patten Flower Shop, Toledo, O., visited her mother in this city last week, and left June 22 for an extended western trip with California her objective point.

H. K.

Los Angeles.

BUSINESS HOLDS UP WELL.

With the approach of the hot season the trade has been anticipating a slump in business, but no falling off is noticeable as yet. The market is well supplied with almost every variety of seasonable stock, unless it might be greenhouse carnations. Gladioli are plentiful and asters are becoming more common, but the quality is not as good as will doubtless appear later. Dahlias are arriving and some new sorts are seen in this favorite flower. Lily of the valley is scarce. Two or three "would be" florists have closed up shop recently, proving that "the survival of the fittest" applies to the florist business the same as other lines.

NOTES.

A unique feature of the recent preparedness parade was the company of 450 Greeks, who were headed by a large flag made entirely of flowers. This was made and donated by D. Stathatoos, proprietor of the Broadway Florist. It was five feet long and four feet wide. The stripes consisted of red and white carnations and the stars of small white roses set in a background of blue corn flowers. The flag was bordered by a profusion of Mexican ivy. At the top of the flag rested a gilded bald eagle, from which hung huge streamers of red, white and blue ribbon. The flag was valued at \$50.

At Darling's Flower Shop some splendid baskets, arranged for weddings and commencements were seen, dahlias and sweet peas being much in evidence. A unique feature handled here is boxes of candies trimmed with flowers. Fine northern grown roses and carnations also attracted attention.

Wright's Flower Shop, Inc., reports business good in all departments, and made a specialty during the week of arranged baskets for luncheons. The force at this store were the recipients of some mammoth trout, presented by Chas. Gutting, the popular nurseryman.

A predominant feature at the store of Wolfskill Bros. & Morris Golden-son was the rose display. Of the varieties most conspicuous were Mrs. John Laing, Killarney, Ulrich Brunner and Prima Donna.

The Redondo Floral Co. is much gratified with business, which shows improvement over former years. Shower bouquets are a feature here, and they are well supplied with excellent stock.

Seki Bros. & Co. report plenty of good stock and satisfactory business. A variety of well arranged baskets were noted at this establishment.

Paul J. Howard, horticulturist, is very busy these days, many new homes of the better class being erected in the vicinity of this city.

S. Murata & Co. had thousands of gladioli in for shipment in addition to asters and dahlias. They report a shortage of good carnations.

J. W. Wolters is showing some fine specimen branches of Eucalyptus ficifolia, also parkinsonia in flower. He reports good business. G. H. H.

Washington, D. C.

BUSINESS TAKES A VACATION.

Business took a drop during the past week. Stock is plentiful and the quality is good for this time of the year. Roses of all kinds can be had at prices varying from \$1 to \$8 per 100, the latter prices for stock of the finest quality. Carnations are holding up fine as are sweet peas. Some good peonies are still to be seen. Lily of the valley and orchids are inclined to be scarce. Some excellent gladioli find a ready sale and the prices are moderate. All the stores are now arranging their windows with summer effects and miniature ponds, fountains and rockeries are much in evidence.

NOTES.

L. Hoover, after looking over his sales for the year, is more than satisfied with the result. There was an increase of 30 per cent over the preceding year.

Z. D. Blackstone is now spending all of his spare time on his farm. Here he always takes his employees for a little vacation.

W. W. Kimmell, Jr., met with a painful accident while on an excursion recently, breaking his shoulder in two places. G. C. D.

BIG CUT OF

Russell, Ophelia, Stanley, Hearst, Hoosier Beauty, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Peonies, Valley, Sweet Peas, Callas, Harrisii, Galax, Asparagus Sprengerii, Adiantum, As Well As Other Seasonable Stock and Greens.

Use BUDLONG'S BLUE RIBBON VALLEY—Always Good.

TRY OUR NOVELTY ROSES—BRUNNER-ELGAR-BABY DOLL and our FANCY ORCHID FLOWERING SWEET PEAS

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City, Mo.

WEDDING DEMAND LIFE OF TRADE.

Trade has slackened somewhat although there is a good demand for wedding flowers. The call for funeral work has fallen off. Outdoor planting is about over for this season. Cut stock is plentiful and is moving at practically buyers' prices. Some fine roses are seen and but few more than are required. Carnations are arriving in large numbers and sell at low figures, some of the department stores making leaders of them as low as one cent each. Sweet peas are now coming in and the growers look forward to a fine crop. Outside stock is playing a good part.

NOTES.

T. J. Noll & Co. are handling good stock in all lines and it cleans up well each day. The Colorado grown carnations seen at this establishment are excellent. This firm will shortly enlarge its establishment to give them a larger show room.

Ed. Ellsworth, of The Rosery, is cutting some fine sweet peas of his Independence range. He has his chrysanthemums all planted and is planning to spend a good part of his spare time this summer at Forest lake.

At the range of the Wm. L. Rock Flower Co. things are in tip top shape. Chrysanthemums are making a splendid start. Business at the store is reported very good. Some fine pot hydrangeas are a feature here.

A. Mohr is starting another house. He has 4,000 aster plants in the field and will plant his chrysanthemums next week. He will handle 3,000 begonias and about 500 cyclamens this year.

H. Kusik & Co. are handling fine roses, lilies and carnations. Gladioli are now coming in with quality improved.

S. Bryson Ayres is cutting good gladioli and delphiniums and his sweet peas are coming along in nice shape.

Mrs. T. A. Mosely, on the Kansas side, reports good business, especially in wedding decorations.

W. J. Barnes reports business good in all lines. He will shortly start repairs at his range. E. J. B.



Hanging Baskets

Ferneries on Stands—Jardinières
for the Sun Parlor, Porch and
Arbor—Window Boxes.

Bridal Staff Baskets
Shepherd's Crooks
Bride's Staffs, Etc.

If you have not already received one of
our illustrated circulars send for it to-
day. You should never be without one.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO.

Mention the American Florist when writing

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

TAUNTON, MASS.—E. F. Rose has disposed of his range on Bay street to V. B. Olson, who will take possession July 1.

SIoux FALLS, S. D.—J. G. Coleman, of Minneapolis, Minn., has purchased the florist business of Joseph Tossini, 202 North Phillips avenue.

For Weddings and School Closings

Large Supply Peonies--Roses--Carnations
Sweet Peas--Lilies--Valley--Greens, Etc.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

Toledo.

EXCEPTIONALLY BRISK DEMAND.

The biggest rush of wedding and funeral orders ever experienced by the local trade was the characteristic of the past week's business, and there was considerable difficulty experienced in getting sufficient choice stock to meet requirements. Commencements brought a heavy call for roses and stocks were quickly depleted. There were a number of pretentious weddings and almost every florist of prominence had orders for one or more of them. Last week it rained every other day and the weather was cool, but between showers store trade was very brisk.

CLUB MEETING.

At the monthly meeting of the florists' club held in its new quarters in the Nicholas building, Emil Kuhnke brought up the subject of more hearty co-operation of the club with those interested in the city beautiful campaign. He called attention to the fact that the city parks and boulevards were laid out with utter disregard to the latest trend in landscape gardening and urged the club to register emphatic protest and take steps to remedy the situation. A committee was appointed to consult with the park board. It was decided by the club not to hold the annual picnic this year.

NOTES.

Miss Josephine Helmar of the new Helmar Flower Shop was in very good humor when seen by the writer, the reason being some very nice orders for wedding decorations during June. The business at this very attractive shop has been growing rapidly.

Miss Helen Patten, after a most successful season, thinks she is entitled to a vacation and has started on a western tour which will include California among other points. She will be absent about a month.

A. C. K.

Rochester, N. Y.

JUNE BUSINESS IS LIGHT.

June business thus far has only been fair, and this condition can probably be attributed to the rainy weather of the past two weeks. The peony is queen of the market just now. They are seen in enormous quantities and prices are very low. Carnations are good in all colors except red. Roses are also of excellent quality but the supply is limited. The demand for stock for veranda boxes and bedding continues very good.

NOTES.

J. B. Keller Sons had the order for an elaborate wedding decoration at Oriskany, N. Y., June 14, which was executed with the usual good taste that is characteristic of the work of this firm.

The local florists' club was well represented at the funeral of the late William F. Kasting, and sent a hand-

some wreath tied with Rochester colors as a token of their esteem.

H. E. Wilson had an attractive display of peonies in a number of varieties last week. A great deal of garden work is being handled at the greenhouses.

Geo. B. Hart is remodeling his salesrooms on Stone street. A larger refrigerating plant is also being installed.

CHESTER.

Cincinnati.

HEAVY SUPPLY, BUT WEAK DEMAND.

As a whole, business is only fair. The supply of stock is large, but the demand for it is not very steady and low prices generally are the rule. American Beauties and other roses are in good supply. The first named, outdoor ramblers and summer roses are excellent. Carnations are plentiful, but include only a limited number of good offerings. Easter lilies continue plentiful, but the cut of other stock is so heavy that they do not meet with the demand their quality merits. Gladioli prove good property. Lily of the valley and orchids are selling well. Shasta daisies and larkspurs came in last week and met with a fair response from the buyers, because new. Other offerings include water lilies, irises, sweet peas and coreopsis. The supply of greens is more than sufficient for present needs.

NOTES.

Gus Adrian, Jr., and Miss Cora Pherson are the latest victims of Cupid. They were quietly married June 17 and on the following day departed for the Chenaux on a two months' honeymoon to be spent at the cottage of Mr. and Mrs. Gus Adrian, Sr., at that place.

J. A. Peterson's pergola, on his grounds in front of his home, is attracting favorable comments and words of praise from the many who see it. It is covered with climbing roses in full bloom.

C. E. Critchell was the first in the market to have outdoor larkspurs this spring. He has been finding a big demand for lily of the valley and orchids during the wedding season.

Chas. A. Moss, who was connected with the Cincinnati park department under Reuben Warder, and is now of Spartensburg, S. C., was in this city last week.

Local florists were greatly shocked at the sudden death of Wm. F. Kasting and feel the loss that the trade has suffered by his demise.

The Cincinnati Cut Flower Exchange must give up its present location to make way for the Green Line terminals.

Visitors: "Sprinkleproof Sam" Seligman representing Wertheimer Bros., New York; Joseph Molch, Jeffersonville, Ind., and Harry Treadyway, Dayton, O.

H.

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

Providence, R. I.

SUPPLY SHORT BUT AMPLE.

Business during the past week has been quiet in all lines except floral work. Stock has shortened considerably due to the dark, rainy weather. Outside flowers are coming slow and peonies this year are very late, but the quality, however, is very good. Carnations are poor, but have jumped in price. There appears to be little good stock of this flower as most of the growers have thrown them out.

NOTES.

Macnair has been showing his last French hydrangea; this week. The plants are the finest that have been seen in the city for some time. He is recovering his establishment with birch bark, which he finds satisfactory as a trade mark, distinguishing his store from others here.

From all indications the business in flowers for commencements was exceptionally good and more is looked for before the month is over.

The flower show scheduled for June 16 has been postponed to June 23, on account of the weather.

O'Connor had the decorations for the Whitman-Taft wedding and they were exceptionally fine.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

NEW FERNS

New Ferns \$1.35 per 1000
Dagger Ferns 1.15 per 1000
Green Sheet Moss. 1.75 per bag
Perpetuated Moss 3.50 per bag
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

On account of the rapidly increasing cost of wax paper and twine, local florists have laid in a three years' supply.

Large shipments of short roses are being received from Boston and they sell well.

The flower department at Dimond's has been taken over by a Boston concern.

H. A. T.

ST. LOUIS, MO.—Local florists will hold an exhibition, March 15-18, 1917. A. H. Hummert of the St. Louis Seed Co., is chairman of the show committee, other members being Vincent Gorry, David Geddes, H. Janaka, L. P. Jensen, G. Grossert, J. Steidel, M. W. Uhl Schmidt, Fred C. Weber, W. C. Smith and A. Siegel.

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.
751 S. Broadway, LOS ANGELES, CALIF.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Mrs. Chas. Russell....	50@ 2 50

Per 100

" Beauty, short	\$4 00@ 6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Cecile Brunner	2 00@ 3 00
" George Elgar	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00

Carnations.....	1 00@ 3 00
Cattleyas..... per doz.	7 50
Peonies.....	2 00@ 8 00
Lilium Harrisii.....	10 00@12 50
Mignonette.....	4 00@ 6 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Snaptagons..... per doz.	75@1 50
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Calendulas.....	3 00@4 00
Ferns..... per 100, 1 50@4 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprenger, Plumosa Sprays	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

TRADE BETTER THAN YEAR AGO.

The reports of business received during the past week express satisfaction, trade being considerably better than for the same period a year ago. There is a great abundance of stock, the cool weather which still continues being advantageous to all kinds of flowers. The leading roses are Russell, Hadley, Ophelia and eastern American Beauties. There are also good Mock and Mrs. Sawyer. Local American Beauties are deteriorating rapidly, the frilled edges of the petals being very objectionable. Carnations are also going out, getting much smaller. Indoor sweet peas are about done; the garden stock is coming in limited quantities, the earliest having had the advantage of cold frames for the first month or two. Easter lilies and callas have been too plentiful to count much in the returns, although the stock is fine. Cattleyas are much more plentiful, gigas and Mossiae being seen in all the wholesale houses in all their splendor; they are in good demand. Larkspur is one of the staples; it will now be seen nearly all the season round as it can be forced profitably. The garden stock is fine. Gaillardias, cornflowers, feverfews, candytufts and candidum lilies are other outside flowers that are very plentiful.

NOTES.

President S. S. Pennock of the American Rose Society has issued a call to all interested in garden and forcing roses to contribute to a fund to enable Prof. H. H. Whetzel of Cornell University and one of his assistants, Mr. McMassey, a specialist in florists' plants and their diseases, to make a careful study of black spot and other rose diseases. The money so collected is to pay but one-fourth of the expense, Cornell University providing the balance. The investigation to be complete is to cover a period of two years. Here is a splendid opportunity for rose growers to get something for almost nothing. Let everybody chip in and get the benefit.

Rupert Keinle suffered a painful accident Saturday evening, June 17. Stepping off a trolley car at 33d and York streets he was run down by an auto, which came along at a swift pace. Grabbing the top projection on the radiator as he fell, he supported himself until the car was brought to a stop. He is thought to have suffered a fracture of one of the bones in his ankle as a wheel passed over one of his legs. To avoid reckless auto driving one has to "stop! look! and listen!" at every street corner. Over 60 people have been killed in this city by autos since January 1.

The trade was greatly shocked to hear of the sudden death of Wm. F. Kasting. It seemed but yesterday that he was here working hard with the local committee in furthering the interests of the national flower show, and no one was more rejoiced than he that it was such a grand success. "Billy" Kasting was big-hearted and hospitable to a great degree. Although a very successful and busy man he could always find time to aid and counsel his brothers of the craft in anything pertaining to the interests

Wholesale Flower Markets

BOSTON, June 21.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, June 21.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Sawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 50	
Snapdragons.....	3 00@ 6 00	
Asparagus Sprengerii.....	35@ 50	
Ferns.....per 1000, 2 00		
Smilax.....	15 00	
Peonies.....	3 00@ 4 00	

CINCINNATI, June 21.		Per 100
Roses, Beauty.....per doz., \$1 50@55 00		
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Richmond.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00		
Carnations.....	50@ 2 00	
Rubrum Lilies.....	3 00@10 00	
Gladiolus.....	2 00@ 6 00	
Sweet Peas.....	25@ 5c	
Shasta Daisies.....	1 00	

of the business, either in national or local affairs.

The Habermehls put over seven car loads of plants and accessories into the decorations for the car builders' convention on the million-dollar pier at Atlantic City last week. They also fitted up the French roof garden on top of the Hotel Walton; a very unique and practical setting for the purpose.

Mr. Sproul of the Locust Flower Shop, 227 South 60th street, has opened a new "Locust Flower Shop" at 1517 North 60th street. In furnishings and appearance it is a replica of his main store. It is in a good residential neighborhood and should do well.

Hadley, Ophelia and Mrs. Ward roses are seen in splendid shape with the Jos. Heacock Co. There was doubt about Hadley for a while last fall, but it has turned out to be the best bread winner of the lot. It is away ahead of any other red for summer.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

The London Flower Shop has opened a branch summer store at Bellevue avenue and the Boardwalk, Chelsea, Atlantic City. It is well stocked with all kinds of floral bric-a-brac, plants and flowers. Mrs. Drew-Bair is in charge.

Hadley, Ophelia and American Beauty roses are leaders with the Leo Niessen Co. Choice cattleyas are also a feature. June business is very good, particularly the past week, which showed a great increase over last year.

Powell Brothers, with considerable retail store experience, have opened a shop at 446 North 60th street, just below Haverford avenue. It is in a busy section and they are well satisfied with their initial business.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Victor Ridenour of Ridge avenue and Huntington street had a very successful season. His store, with its up-to-date appointments and the greenhouse in the rear, makes an ideal retail establishment.

The Forrest Flower Shop, on Broad, below Sanson, is well satisfied with the summer business. Very fine Francis Scott Key roses, with choice cattleyas, made an attractive window display.

At Burger Brothers' Central Market, Easter lilies, gladioli, special lily of the valley and Maryland roses are seen in good quantity. Business here has been very good for the season.

Wm. Ferguson & Sons, 1210 Spring Garden street, had a very busy week, commencing and funeral work keeping all hands on the go. Business is much better than last season.

Mrs. Shawyer, Mock and Kaiserin roses are features of the Reid stock. "The sage" points with pride to the Kaiserin, which he declares are the best in the country. K.

WASHINGTON, D. C.—An attractive feature of the Sunday Star of June 18 was a full page of illustrations, eight in number, of the United States botanic garden under the caption "A Beauty Spot of Washington." A portrait of George V. Hess, superintendent, is also reproduced.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 306

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns, Galax and Leucothoe

Fancy LILY OF THE VALLEY and ORCHIDS, Carnations, Roses and Seasonable Cut Flowers, Easter Lilies, Callas and Rubrum Lilies.

FLORIST SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, June 21	Per 100
Roses, Beauty, extra.....	20 00@25 00
first.....	10 00@15 00
Mrs. Chas. Russell.....	8 00@15 00
Killarney.....	2 00@ 8 00
White Killarney.....	2 00@ 8 00
Liberty.....	5 00@10 00
Hadley.....	4 00@12 00
Sunburst.....	3 00@ 8 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	4 00@12 00
Carnations.....	2 00@ 4 00
Cattleyas.....	35 00@50 00
Callas.....	6 00@ 8 00
Lilium Harrisii.....	6 00@ 8 00
Sweet Peas.....	50@ 1 00
Snappdragons.....	3 00@ 6 00
Calendulas.....	2 00@ 4 00
Mignonette.....	3 00@ 4 00
Gladiolus.....	6 00@ 8 00
Larkspur.....	4 00@ 6 00
Asparagus.....	per bunch, 50

PITTSBURGH, June 21.	Per 100
Roses, Beauty, special.....	25 00
fancy.....	20 00
extra.....	15 00
No. 1.....	8 00
Killarney.....	2 00@ 8 00
My Maryland.....	2 00@ 8 00
Sunburst.....	2 00@ 8 00
Mrs. Aaron Ward.....	3 00@ 8 00
Richmond.....	3 00@ 8 00
Cattleyas.....	30 00
Lilium Giganteum.....	8 00
Sweet Peas.....	50
Spanish Iris.....	4 00
Yellow Daisies.....	2 00
Carnations.....	2 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch.....	35@40

MILWAUKEE, June 21.	Per 100
Roses, Killarney and W. Killarney.....	3 00@ 8 00
Ward.....	3 00@ 8 00
Mrs. Chas. Russell.....	6 00@20 00
Ophelia.....	3 00@10 00
Hoosier Beauty.....	3 00@10 00
Lilies.....	8 00@10 00
Cattleyas.....per doz., 6 00@9 00	
Sweet Peas.....	50@ 1 00
Carnations, fancy.....	1 50@ 3 00
Snappdragons.....doz....\$0.50@\$.75	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, June 21.	Per 100
Roses, Beauty, medium.....	25 00
short.....	4 00@ 8 00
Killarney.....	3 00@ 8 00
White Killarney.....	3 00@ 8 00
Aaron Ward.....	3 00@ 6 00
Sunburst.....	4 00@ 8 00
Ophelia.....	4 00@ 8 00
Hoosier Beauty.....	5 00@10 00
Cecile Brunner.....	2 00
Richmond Roses.....	3 00@ 6 00
Valley.....	4 00@ 5 00
Carnations.....	1 50@ 2 50
Callas.....	6 00@ 8 00
Lilies.....	4 00@ 8 00
Asparagus Plumosus, per bu.....	25@75
Ferns.....per 1000.....	3 00
Bronze Galax.....per 1000.....	1 00

New York.

JUNE BUSINESS VERY LIGHT.

The business of the past two weeks has been dull and monotonous. The weather, which has been more like April or November than June, has had a bad effect on business as it sent a lot of stock to the wholesale district that was very poor and hard to move. The peonies, which figuratively speaking, started in to put everything else out, have been practically put out by heavy rains and cold weather. Thousands of them are arriving that are practically worthless, the petals shaking off and the foliage rusted. When the push-cart men of this city get thousands of carnations and sweet peas, there are only two propositions—there are either far too many in the market or the quality is poor. Both considerations are worthy of note at the present writing. Roses are slow, \$20 per 100 or that rate, being the best for American Beauties, with the teas proportionately low. Many of the lilies arriving have a green tint, a result of dark weather, but the prices offered look blue to the wholesalers. Briefly stated, thus far, it has been a dismal June. The "June weddings" are nearly all in the society columns of the Sunday papers—the florists do not get much profit from them. As a humorist recently remarked: "They are all too busy now, paying for their automobiles, to spend much on June weddings." We look for better business at an early date. On account of much stock being thrown out of the greenhouses, and the passing of the peonies, there should be a change for the better.

June 19.—There is a story of a Frenchman who visited London for the first time, being asked on his return what he thought of the climate. His reply was, that there was no climate, nothing but a "yellow fog." If the kind of weather we have had here for the past two weeks keeps up, some visitor may say the same about New York, or something worse, for in addition to fog there has been pouring rain and also great humidity. Sunday was fair, but the old style weather returned today. It is ruining the peonies and other outdoor stock. There is not much life in the market. Good orchids and lily of the valley are not plentiful and have advanced, but all other stock drags. It is hard to move good stock, whereas, the poor, and there is much of it, goes to the push-cart merchants or to the dump.

NOTES.

There were thousands of carnations, peonies, "Jack" roses, sweet williams and other flowers in the hands of the push-cart men and corner vendors, on the morning of June 17, and much of the stock was fair, considering the weather we have experienced. If there is no other way to move stock we suppose it must be sold on the streets, but we dislike to see it done. Possibly the majority of the retailers "are too proud to fight" the methods of the street men, but we believe some of them could be less conservative and buy heavier, providing they got the stock as cheap as the street men do.

George Hanges, chairman of the outing committee of the Greek-American Florists' Association, advises us that everything is ready for their outing, July 6. The steamer is chartered, the orchestra will be larger and furnish better music than ever before; the bill of fare will be a great one, and there will be many valuable prizes for the games. President Costos Sakelos of the association has already sold a large number of tickets for the outing, which will be held at Witzel's Point View Grove, College Point, on Long Island Sound.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

Mention the American Florist when writing

The wholesale district was grieved and shocked, June 15, to learn of the sudden death of William F. Kasting, at St. Louis. In the years that he has been prominent in the trade and in the Society of American Florists, he showed himself to be clever and able and a man of fine qualities of mind and heart. While the writer has not been as intimately associated with him as some others, he has known him very well since his election as president of the Society of American Florists, at Washington, D. C.

Thomas F. Galvin, of Boston, head of Thomas F. Galvin, Inc., was at their New York store, June 16-17. He visited Dobbs Ferry, where they had a fine wedding decoration June 17, and returned to Boston by way of Great Barrington, Mass., where they had other wedding features. In their show windows, this firm is making a fine display of water lilies, flanked by many beautiful pink and blue hydrangeas.

Ex-President Traendly of the Society of American Florists, deeply regretted his inability to attend the funeral of W. F. Kasting at Buffalo. Mr. Traendly has been suffering from rheumatism, which was greatly aggravated by the continuous wet weather of the past two weeks.

The Claremont Florists, Karadontos Brothers, 3185 Broadway, are very enterprising young men, and have a fine retail store. They now think of erecting greenhouses at some point in New Jersey.

M. L. Vlachos, the Astoria Florist, 2188 Broadway, was very busy during the past week with weddings and funeral work, having had four weddings, with others booked for the near future.

David Clarke's Sons had a large church wedding decoration at Great Barrington, Mass., June 17, and members of the firm and the greater part of their staff went there to arrange it.

Alfred Kottmiller, Madison avenue and 49th street, is making extensive improvements in his store, not the least of which is fine decorative work, which promises to be very handsome.

Calling on a number of retailers during the past week, we found them reasonably busy, though their volume of business was not sufficient to clean up the wholesale market.

A joint meeting of the Retail Florists' Association and the Greek-American Florists' Association was held on the evening of June 20.

Peter Henderson & Co. have been making a great display of peony



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
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2036 NEW YORK
2037

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Mention the American Florist when writing

blooms, all named, at their store. These were not for sale, but were to advertise the roots.

A joint meeting of the flower show committees of the New York Florists' Club and Horticultural Society of New York, was held at the Hotel Manhattan June 19.

Robert H. C. Bard, a prominent florist of Syracuse, N. Y., spent some time in this city the past week, calling on the trade.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
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 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
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 PHONES—4024 and 4025 MADISON SQUARE

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Consignments Solicited
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Wholesale Florist
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 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

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 American Beauty Roses a specialty. Roses,
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WHOLESALE FLORIST
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 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, June 21.	Per 100
Roses, Beauty, special.....	10 00@20 00
" extra and fancy...	6 00@ 8 00
" No. 1 and No. 2...	2 00@ 4 00
" Prima Donna.....	1 00@ 8 00
" Alice Stanley.....	50@ 5 00
" Francis Scott Key.....	50@ 6 00
" Mrs. Geo. Shawyer.....	50@ 5 00
" White Killarney, special...	4 00@ 5 00
" Killarney, My Maryland...	
" special.....	4 00@ 5 00
" No. 1 and No. 2...	90@ 1 00
" Queen.....	50@ 5 00
" Brilliant.....	50@ 5 00
" Aaron Ward.....	50@ 6 00
" Richmond.....	50@ 4 00
" Sunburst.....	50@ 5 00
" Taft.....	50@ 5 00
" J. L. Mock.....	1 00@ 6 00
" Hadley.....	1 00@15 00
" Ophelia.....	50@ 5 00
" Mrs. Chas. Russell.....	50@ 8 00
" Hoosier Beauty.....	50@ 8 00
" Ulrich Brunner.....	1 00@15 00
Cattleya Orchids, special.....	50 00
" inferior grades.....	15 00@25 00
Lilies, Longiflorum and Harrisii..	2 00@ 3 00
Lily of the Valley.....	3 00@ 6 00
Carnations.....	50@ 1 50
Adiantum Croweanum and	
Hybridum.....	1 50@ 2 50
Asparagus Plumosus.....doz. bchs.	2 00@ 2 50
Smilax.....doz. strings.....	1 25@ 1 50
Sweet Peas, orchid flowered.....	25@ 1 00
Snapdragons.....per doz.....	10@ 25
Peonies.....	1 00@ 3 00
Iris, Spanish.....	1 00@ 4 00
Daisies, Yellow.....	50
Corn Flowers.....	25@ 30
Gladious America.....	8 00
Inferior grades.....	5 00@6 00

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

Mention the American Florist when writing

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 796 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
 (INC.)
Wholesale Commission Florists
75 WEST 28th STREET, NEW YORK
 Telephone, Madison Square 5296.



JOIN THE LEADERS

We supply the leading florists throughout the United States who recognize Arnold Boxes as those which best fill their needs as to Quality, Style and Price. Prices quoted and samples sent on request.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Robert Craig, of Philadelphia, was in this city, June 20, calling on the trade. He appears to be in fine health.

Paul Meconi is receiving a fine lot of moss roses, in addition to a great stock of peonies and a good general stock.

Eugene Dailedouze and wife started June 14 for a trip to Alaska. They expect to be absent until August 1.

Ben. Jacobs, of Walter R. Siebrecht, Inc., is rejoicing over the arrival of an eight pound boy at his home.

Peace to his ashes, and may his brave spirit shine in a brighter world than this. A. F. F.

N. Y. and N. J. Ass'n of Plant Growers.

The tenth annual outing of the New York and New Jersey Association of Plant Growers will be held June 27 at Forest Park hotel, situated on Forest lake, Pine county, Pa., in a 3,000 acre woodland at an elevation of 1,600 feet and having all modern improvements and under the best of management. The party will leave New York at 10:00 a. m. on that date in a special car attached to the Lackawanna Limited, arriving at the hotel at 1:30, when dinner will be served. Refreshments will be provided en route. Rooms, lodging and meals will be provided at the hotel until the afternoon of June 29, when the party will return to New York by special car. Tickets, including railroad fare, meals and all other expenses, are only \$15 per person, and the affair gives promise of being one of the association's most unique three-day outings and will provide a most enjoyable "somewhat different" and economical recreation in the mountains in genial company. There will be prize bowling, a dance every evening, fine bathing, fishing, boating and tennis.

The committee is working hard to make this outing a splendid success and requests members to inform the secretary, Wm. H. Siebrecht, Jr., Long Island City, N. Y., at once whether you will attend in order that reservations at the hotel may be made. As a special favor please inform the secretary at once how many tickets are desired and the names of the persons in your party.

JULIUS ROEHRs,
Chairman Outing Committee.

Minneapolis.

SUCCESSFUL SEASON CLOSES.

This has been a wonderful season. The pot plants have been sold out clean in all the local greenhouses and blooming plants are not to be had at any of the stores. Carnations are showing the effects of warm weather and the long season and are getting very small and many of the growers are cleaning out their stock.

NOTES.

Cal Rice of Rice Bros. has returned from a successful fishing trip. He shipped a barrel of the finny tribe to the store here, but owing to the same not being properly labeled it was confiscated by the fish warden. The "boys" miss that fish dinner that they had been waiting to enjoy.

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc., supplied in any quantity. A few on my list:

FERNS—Adiantum, Blechnum, Aspidium, Asplenium, Gleichenia, Todea.

PALMS—Calamus Muellieri, Kentia Monostachya, Livistonia Australia, Seaforthia elegans, Areca Baueri, Macrozamia.

OTHER LEAVES—Lomatia, Grevillea robusta, Australian Moss, Restia Tetraphyllus.

Samples and quotations forwarded on application to

MARK BROWNE, 68½ Pitt St., SYDNEY, N. S. W., Australia

Cable: "NIAOULI, SYDNEY." Codes A. B. C. 5th and Western Union.

Mention the American Florist when writing

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

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Wholesale Florist

1324 Pine St., St. Louis Mo.

Mention the American Florist when writing

ACTUAL
SIZE

The W. D. Desmond Co. is cutting some fancy sweet peas and gladioli, a large quantity of which is handled by Rice Bros.

Wm. Topel of the L. S. Donaldson Co. is contemplating a business trip to Chicago in the interest of the firm.

A large number in the trade are talking vacation and looking up different points they think of visiting.

Will Bros. have their rose planting well under way. They are also doing some rebuilding.

Oscar Amundson is on the sick list, suffering with stomach trouble.

Hans Rosacker still has a good supply of roses.

Visitors: J. De Groot, Chicago; F. Lungren, Burlington, Ia.; A. Miller, representing A. Henderson & Co., Chicago; Frank McCabe, with A. L. Randall Co., Chicago; Lawrence Mather, Fargo, N. D.; M. Lemke, Grand Forks, N. D. T. C. R.

MISHAWAKA, IND.—David Pugh will erect a range at the corner of Cedar street and Edgewater drive.

CLAYTON, Mo.—The Sanders Nursery Co., are building one house 35x150 feet, Foley construction, which will be planted to carnations.

SEDALIA, Mo.—Considerable damage to glass at the greenhouses of the State Fair Floral Co., Chas. E. Pfeiffer, and the Archias Floral Co., resulted from a hailstorm, June 2.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

NEW CROP

Fancy Ferns.....\$1.35 per 1000
Dagger Ferns..... 1.15 per 1000
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak
Foliage)..... 2.50 per case

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EVERGREEN, ALA.

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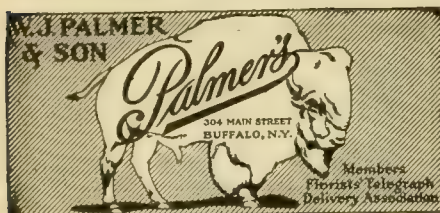
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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalla, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarahan, M. J., 3924 Market St., Philadelphia.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schneetady, N. Y.
Hencle, Miles S., Syracuse, N. Y.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
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Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
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Sakelos, G., New York.
Schiller the Florist, 2221 W. Madison St., Chgo.
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Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
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Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
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Chicago—Briggs Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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Denver, Colo.—The Park Floral Co.
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El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Ell Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
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Lincoln, Neb.—Frey & Frey.
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228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

Sedalia, Missouri.

Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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FREY & FREY,
1338 O Street, LINCOLN, NEB.
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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

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FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

AMERICAN SEED TRADE ASSOCIATION.

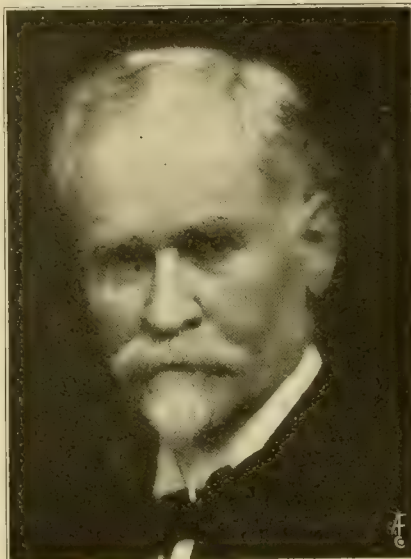
Thirty-Fourth Annual Convention, Chicago, June 20-22.

The Officers Elect:

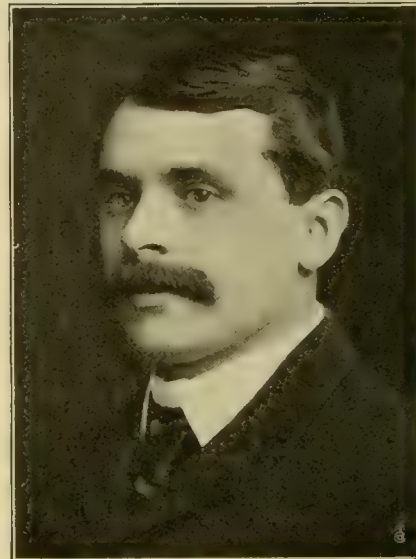
Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.



J. M. Lupton, Mattituck, L. I., N. Y.
President American Seed Trade Association.



J. C. Vaughan, Chicago.
Who Welcomed the Convention Visitors.



C. E. Kendel, Cleveland, O.
Secretary American Seed Trade Association.

The Opening Session.

The thirty-fourth annual convention of the American Seed Trade Association held at the Hotel Sherman, Chicago, June 20-22, was called to order by President John M. Lupton, of Mattituck, L. I., N. Y., Tuesday morning, June 20, with a large and representative attendance. Not for many years has the number at an opening session been larger or more enthusiastic.

Immediately upon calling the convention to order, President Lupton introduced Past-President J. C. Vaughan of Chicago, referring to him as one of the pioneers in the seed trade, and Mr. Vaughan welcomed visiting members to the metropolis of the northwest most heartily. He said in part:

"The inside cover page of your association report for 1915 does not confirm the rumor that your frequent visits to Chicago make you any less welcome at this time. The American Seed Trade Association in the thirty-three years of its existence has met in Chicago but four times, and during the important 12 years from 1900 to 1912 the association did not meet in this city. At these four visits to Chicago you chose for your presidents four strong men in the seed trade; George S. Haskell, in 1888, W. Atlee Burpee, in 1893, Albert McCullough, in 1900, and Chas. N. Page, in 1912. How the report could have gained circulation that the Chicago seedsmen have grown weary of their brethren in the trade is difficult to explain. Nothing in the official reports justifies any such conclusion. No Chicago man has been found who does not claim the liveliest personal interest in the arrival of seedsmen from out of town whether singly or in groups. Telephone wires are used early and often to locate such visitors, and when lo-

cated, the news is spread from office to office and a miniature convention often organized. Chicago has yet to feel for the first time the sensation of having overplayed the part of host. Investigation has shown that out of town members do drift to Chicago on occasions not found in the records of the aforesaid general conventions. This great central market seems to appeal to seedsmen in many ways and at many times, not concerned with the business nor the dates of the seed trade annual meetings. They are more and more inclined to throw off shop work occasionally and drift into Chicago singly or in parties, and it has been learned that on some of these trips at least more than one has been too much occupied with printers or otherwise to foregather with the local seedsmen or uplift an impromptu convention. As Chicagoans we are all glad of these frequent visits to our city and we are cheered that they have added to the conviction that the seedsmen of Chicago are as glad to see them as the hotels and outside entertainments seem to prove acceptable. We cordially desire you to be one of us, here and away from here, and everything points to the fulfillment of our desire. You have not yet, nor can you come too often, nor remain too long.

"On behalf of the seed trade and the horticultural interests of Chicago, I heartily welcome you to the city."

Second Vice-President F. W. Bolgiano, of Washington, D. C., was asked by President Lupton to respond in behalf of the visiting members to the welcome, and did so in a pleasing way, saying that seedsmen always come to Chicago feeling the spirit of welcome in the atmosphere and sensing it even as they cross the state line into Illinois. He thanked the local seedsmen through Mr. Vaughan for their hearty welcome.

President Lupton's Address.

At the opening of this convention in this wonderful city, I call to mind the fact that it was here in 1893, that I first became a member of the American Seed Trade Association. At that time the association was young, not merely in years, but in spirits and the legislatures of the several states had not yet awakened to the necessity of purifying seeds by legislative enactment. The seriousness which has characterized the conventions of more recent years was absent. The seedsmen met together in a spirit of good fellowship.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Dickinson's Lawn Grasses



Special Mixtures for Golf Courses

¶ Special mixtures for shady nooks, sandy soils and plots requiring particular attention. ¶ We carry a full line of Fancy Domestic and Imported Grasses in bulk. All seeds tested in our own laboratory for purity and germination. ¶ Samples and quotations on application.

**THE ALBERT DICKINSON COMPANY,
SEEDSMEN**

**Offices and Warehouses:
CHICAGO AND MINNEAPOLIS**

**Branch Offices:
DETROIT, BUFFALO, BOSTON,
BALTIMORE AND NEW YORK**



ONION FIELD OF THE PIETERS-WHEELER CO., GILROY, CALIF.

and the most strenuous business competitors exchanged greetings and good wishes with an apparent determination to leave all business cares behind and thoroughly enjoy themselves for the time being. But if the earlier years of this association did nothing else, they certainly did promote a spirit of good fellowship throughout the trade, without which all efforts at co-operation in any line must fail, and which in itself has laid a good foundation for the more serious work which in recent years it has been called upon to do.

The American Seed Trade Association today has a mission. It is not merely protective, but constructive as well. We need no protection beyond that which justice and equity ought to provide, but justice and equity may be obscured through misunderstanding; therefore, we find a united work on the part of the whole seed trade necessary to secure them, and there never was a time in the history of the seed trade, when co-operation has been more urgently needed, not only because of its protective features, but to promote those higher business ideals for which this association avowedly stands.

A business convention seems to be in order at the present time, one which will strengthen the bond which binds the trade together through the medium of this association, and I am free to confess that I feel my own responsibility. My experience in the seed business has been that of a grower only; my problems those of the field, rather than those of the office. While fully mindful of the honor conferred by election to the highest place within the power of this association to bestow, I am conscious of a lack of knowledge of the retail business, which must be made up by the hearty co-operation of those more familiar with it, if we are to work out the problems before us for the greatest benefit of the seed trade.

LEGISLATION.

I shall refer only to the general subject, as our counsel and the legislative committee will later on treat with the specific legislation of the past year. If seed legislation is honestly intended to

better seed standards, to get rid of impurities, and result in the production of better seeds for the benefit of the farmers of the country, there are no seedsmen so far as I know, but would be glad to see that result accomplished, with absolute honesty of purpose on the part of all concerned. It would only remain for us to seek out the most practical way of accomplishing that most desirable result. But all of the seed legislation of which I have knowledge, seems to be predicated upon the assumption that a merchant is always the responsible party. The term, "adulterated seeds," is not used to imply that the seeds have actually been adulterated, and that the seeds of weeds, the presence of which are forbidden by legislative mandate, have really been mixed in to make weight. As a matter of fact we all know, and nobody will deny, that weeds grow in the fields with the crop from which the seed is harvested, that the weed seeds are harvested with the good seed, and that we are depending on some machine to separate the weed seed from the good seed until it reaches the standard set by our several state legislatures. Now, if the activities of government are to be invoked in an honest effort to make seeds better, why not go to the fields? I am inclined to believe that the weeds can be taken from a growing field of grass seed with more certainty, while it is growing, than we can expect to attain in removing the seeds by means of cleaning machinery, after they have been harvested, and if the field is so full of weeds that they cannot be removed without excessive cost, the product should not be saved for seed.

We may perhaps assume that our lawmakers are actuated only by a desire to prevent the spread of noxious weeds, a desire well worthy of our active support, but the attempt to exempt farmers from the operation of all such statutes, may go far to defeat the real purpose of the statute itself. I believe that an inspection of the growing fields by competent authority, the certification by such authority of those fields found suitable for seed purposes, and the condemnation of such

fields as contain too many of those plants which we are trying to guard against, would be the most practical way in which the resources of government could be employed to improve seeds.

THE CENTAL SYSTEM.

At the meeting of the executive committee, held in New York, January 7, the following resolution was adopted:

Resolved, That the executive committee of the American Seed Trade Association, in annual meeting assembled, recommends to the association, that beginning with January 1, 1917, this association and its members, use the central system exclusively by offering all grass, clover, garden and field seeds, potatoes and onion sets by the pound and hundred pounds, and abolishing the listing or trading in quarts, pecks, or bushels.

This subject is one which has been discussed from time to time, but up to the present I know of no definite action being taken. I bring this resolution to your attention with the recommendation that such action be taken as would seem most likely to result in the final adoption of the central system as a standard of this association.

THE DISCLAIMER.

During the past year conditions have arisen in connection with the use of the disclaimer, which call for most careful consideration of the whole subject by this convention. I feel that I may not content myself with the mere recommendation of the continued use of the disclaimer, but that the whole situation should be thoroughly gone into at this session. I think I may assume that the circumstances which have led to the present situation are fairly well understood by the members of this association, and that it is un-

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

MORSE'S EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

1916 Novelties

NOW READY FOR DISTRIBUTION

- Early Morning Star**—
Bright Orange-Rose Spencer.
Early Songbird—
Light Pink on White Spencer.
Early Melody—
Rose Pink on White Spencer.
Early Spring Maid—
Light Pink on Cream Spencer.
Early Snowflake—White Spencer.
Early Heatherbell—
Mauve Lavender Spencer.

Morse's Early Flowering Long Season Spencers are "fixed." They are remarkable for their floriferousness and length of blooming period. They produce handsome flowers with long stems and in every way are recommended for Florists.

These first-class novelties should not only be grown by Florists but will be valuable for all the Southern States, Hawaiian Islands and all countries with hot and tropical climates. The season of flowering is a long one and we have had them in flower from February to June and still flowering.

All Catalogue Houses should have these splendid new Sweet Peas.

Seed will be supplied by Seed Dealers, whom we are supplying direct.



EARLY FLOWERING SPENCER—"Early Morning Star."

(New crop Yarrawa is now being harvested and we expect to make early delivery to the Trade.)

Florists are requested to get further information concerning these grand novelties from the Trade.

C. C. MORSE & CO., Wholesale Seed Growers
SAN FRANCISCO, CALIFORNIA.

necessary for me at this time to go into them in detail. The passage of a seed law in the state of Wisconsin, the effort, and eventual success of the canners of that state, in securing growing contracts with the disclaimer clause stricken out seems to have led, or at least seems likely to lead, to an organized effort to destroy the efficiency of the established custom of the trade, in marketing their goods under the conditions named in the disclaimer, which are generally regarded by seedsmen as essential to their protection.

An informal conference was called March 2, and a number of seedsmen met in this city, at which time the situation was carefully discussed, and resolutions passed, but this action, which was intended to meet what seemed to be a pressing emergency, was not and could not be made the action of this association. The past is behind us, the future is before us. We are at the present time concerned in seeking a solution of the problem, which will preserve the terms of sale under the disclaimer, as an established custom of the trade in their dealings with the public, for such a custom must be maintained or the disclaimer is of no value.

Now, in looking over the terms of sale made by the trade, as they appear in the catalogues and elsewhere, this custom seems to be well established, but it is used in a great variety of ways; on the letter heads it sometimes appears at the top of the page, sometimes below the business heading, sometimes at the bottom, and sometimes not at all; in the catalogues it is very generally used, but usually in connection with other matter intended to explain its use, which in some instances seems to assume a rather apologetic tone. There seems to be no clearly defined set of rules governing its use, and from the manner of its use by some dealers I should say they were a little apprehensive as to its effect upon the buying public. I recommend that this convention formulate a set of rules governing the use of the disclaimer; that it define clearly any class of trade in which its omission would not affect its value to the trade as an established custom, and that these rules, with an explanation of their necessity, and an urgent request for their adoption be sent to all members of this association.

STRENGTHENING THE ASSOCIATION.

All presidents who have come and gone before me have expressed a hope that this association might be made stronger, and ask all members to work for that most desirable end. It is, of course, obvious that any benefit which may result from its work must benefit all dealers in seeds, and can in no way be confined to our own membership. I believe that this association stands for a square deal, and that the fact of membership, if placed before the public, might have an influence of value. An idea occurs to me in this connection which may be worth considering, and in order that it may have such consideration. I recommend that a trade-mark be adopted, which all members in good standing may use to indicate their membership to the general public. This custom obtains in many similar bodies, and has to my knowledge been beneficial, particularly among those whose patronage is largely found among farmers.

FURTHER RECOMMENDATIONS.

That Mr. Curtis Nye Smith, who has served us with marked ability for several years, be again retained as counsel.

That the committee on nomenclature, established on the recommendation of President Morse last year, be continued.

NECROLOGY.

The death of two of our ex-presidents during the past year, W. Atlee Burpee of Philadelphia, Pa., and Albert McCullough, of Cincinnati, O., removes from our association two of our most earnest and forceful workers. Their generous friendship was most highly valued by all who knew them, their character has left its impression on all who came in contact with them.

In conclusion, permit me to express the hope that this convention will be thoroughly enjoyed by all present, that everyone will feel free to take part in the discussion which will follow, and that we may all be inspired to work together, to the end that this association may fulfill its mission for the benefit of the seed trade.

Because of the death of Albert McCullough, who served so long and faithfully on the membership committee, it was necessary to elect another in his place. F. W. Bolgiano nominated J. C. Robinson, of Waterloo, Neb., to serve on this committee, who was elected unanimously. Secretary Kendel submitted his report showing total present membership including two honorary members, 183, about the same as in 1915. He also presented the financial report of the secretary-treasurer, which was referred to the auditing committee. E. C. Dungan, chairman of committee on postal laws, then submitted and read the report of the committee, and together with it proposed Senate Bill 4997, entitled "A bill to provide for mailing catalogs, circulars, etc., now mailable under eight ounces in weight at the third-class rate of one cent for two ounces or fraction thereof, at a pound rate of eight cents, the rate on individual addressed copies or parcels to be not less than one cent each."

On motion of J. C. Vaughan a telegram of sympathy was sent to L. L. May, of St. Paul, Minn., now in a hospital at Milwaukee. A. K. Bush, of Northrup, King & Co., Minneapolis, Minn., read his paper on "Corn Growing in the Northwest," after which the convention took a recess until two o'clock.

The first number of the afternoon session was an interesting paper by Frank B. White, of the Agricultural Publishers' Association, Chicago, on "Fair Play Seed," who cheerfully offered at its conclusion to answer any questions that might be propounded, but as no questions were forthcoming, he must have fully covered his subject. A paper on "Farmers' Associations," by John A. Salzer, of the John A. Salzer Seed Co., La Crosse, Wis., was read by W. D. Weedey, of the same firm, and was discussed with much interest. The committee on experiment stations, H. G. Hastings, chairman, presented its report, which also elicited considerable discussion, one of the especially interesting matters covered being the merits and manner of getting the best results from Grimm alfalfa, and as an outcome A. E. McKenzie moved the appointment of a committee of seven to consider the recom-

mendations made by L. L. Olds, chairman of committee on experiment stations, and the chair named the following: A. E. McKenzie, chairman; L. L. Olds, J. S. Michaels, W. D. Weedey, O. H. Will, H. G. Hastings and C. C. Massie.

Postage Revision Bill Presented.

E. C. Dungan, chairman of the committee on postal laws at the morning session, June 20, submitted the proposed Senate bill 4997 and read a report of the committee. The text of the bill is as follows:

To provide for mailing catalogues, circulars, etc., now mailable under eight ounces in weight, at the third-class rate of one cent for two ounces or fraction thereof at a pound rate of eight cents; the rate on individual address copies or parcels to be not less than one cent each.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, that on matter embraced in the third class, including circulars, catalogues, pamphlets, price lists and other similar matter wholly in print of some form upon which the postage is now paid at the rate of one cent for each two ounces or fractional part thereof, fully prepaid either by postage stamps affixed or without stamps under a permit number, the same rate is hereby extended to apply to the mailing of such printed matter in bulk to varying addresses, irrespective of the individual weight thereof within a limit of four pounds, without stamps affixed, at eight cents per pound or fractional part thereof, to be fully prepaid in similar manner as now by law provided for the mailing of matter of the second class, but such pound rate shall apply only when such printed matter is offered in quantities of one pound or more. The rate on individual address copies or parcels shall not be less than one cent each.

The bill has the support of the Association of National Advertisers, the American Association of Nurserymen, the American Seed Trade Association and similar organizations. It was urged that every individual or firm interested write the House or the Senate committee of post offices and post roads, or senators or representatives, urging them to report the bill and support its passage.

Sympathy Extended to L. L. May.

The following telegram was sent June 20 to L. L. May of St. Paul, Minn., who has been confined in Mt. Sinai hospital, Milwaukee, Wis., following an operation several weeks ago:

"The American Seed Trade Association in convention at Chicago extends its sympathy and cordial greetings to you and Mrs. May, remembering the splendid entertainment and hospitality given us by you and yours at St. Paul. Accept our sincere wishes for your speedy recovery.

"C. E. KENDEL, Secretary.
"J. M. LUPTON, President."

The following reply was received from Mr. May:

"Mrs. May joins me in thanking you for your many kind wishes, and regrets with me the inability to be with you. I am pleased to say that I am now convalescent. Kind remembrances to all."

On motion, the convention adjourned to 10:00 a. m., Wednesday.

The "Clipper" Cleaners

Successfully Handle All Kinds of
FLOWER, GARDEN

—AND—

FIELD SEEDS

If you are interested in a machine for screening and grading any kind of seeds, grain, beans, peas or bulbs you might do well to investigate our claims in regard to our machines.

The "Clipper" Cleaners are used by all the large seedsmen in the United States, also in many foreign countries.

The No. 39 Cleaner shown herewith is equipped with our new Variable Air Regulator. A perfectly uniform air blast, absolutely

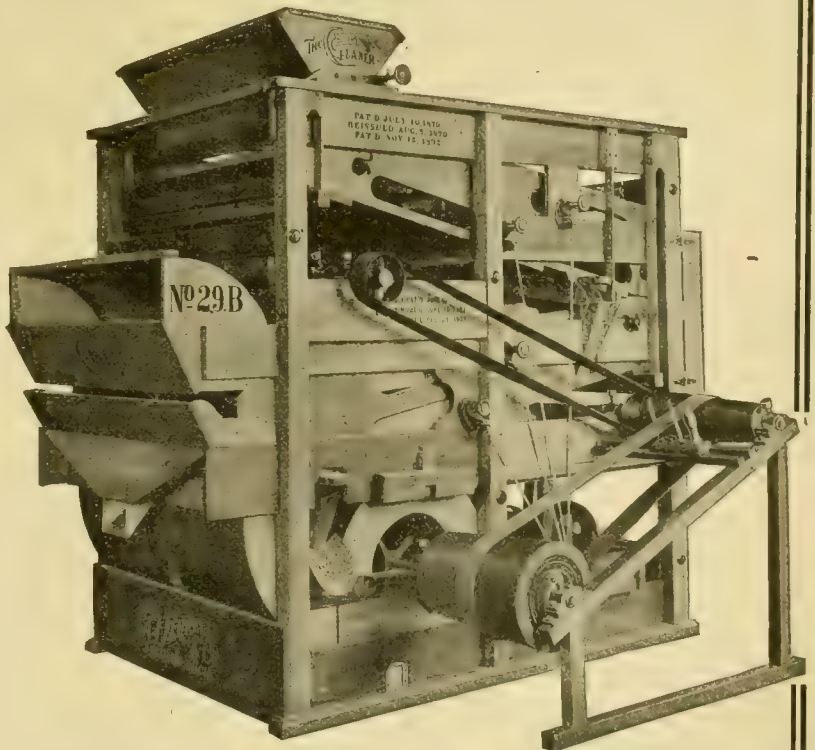
The "Clipper" Variable Air Regulator

under control and entirely free from fluctuation is one of the most essential and important considerations in cleaning seeds and grains.

No. 29-B Single Blast "Clipper" Grain and Seed Cleaner

Different kinds of seeds and grains, and, different conditions of the seeds or grains, call for varying strength of the air blast used in separating the dust, chaff, and light shrunken seeds or grain from the heavy, perfect seeds and grain. The Clipper Variable Air Regulator gives exact control of the air blast at every desired point. "From a Zephyr to a Hurricane" (and every intermediate point between) exactly describes the range of air blast that can be secured by this mechanical device. We can produce a blast strong enough to blow out the heaviest grain, or peas or beans, and by an adjustment requiring but an instant, reduce the blast sufficient for handling the lightest seeds such as timothy, red top or blue grass.

**WRITE FOR CIRCULAR GIVING
FULL DESCRIPTION.**



MANUFACTURED BY

A. T. FERRELL & CO., Saginaw, W. S., Mich.

97th Year

J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of
Pedigree Tomato Seeds
Baltimore, Md.

Wednesday's Proceedings.

At the Wednesday morning session the following were elected to membership: Robert H. Black, Albert Lea, Minn.; A. B. Haven, Haven Seed Co., Santa Ana, Calif.; Martin B. Ribsam, Trenton, N. J.; John E. Davis, Zack Davis Co., Delaware, O.; M. J. Yopp, M. J. Yopp Seed Co., Paducah, Ky.; Condon Bros., Rockford, Ill.; O. A. Talbott & Co.

The ladies visiting Chicago, in attendance at the convention, were tendered an auto ride Wednesday afternoon by the local seedsmen, the route being through Lincoln park, Evanston, Highland Park and several other beautiful Chicago suburbs, stopping at the Moraine hotel for luncheon and later visiting the U. S. naval station and witnessing the drill of the militia. There were over 30 automobiles in the party.

There were about 175 guests at the banquet which was held at the Hotel Sherman Wednesday evening. The large hall, with its decorations of the Louis XIV style, was additionally resplendent with numerous American flags, Chinese lanterns and Japanese umbrellas. There was an abundance of good music, both vocal and instrumental, and at the conclusion of an appetizing menu, excellent entertainment was provided, after which the room was cleared for dancing. All present had a most enjoyable time.

Thursday's Proceedings.

In the non-warrants discussion continued Thursday it was shown that the association is opposed to any legislation affecting germination of seed, nullifying the disclaimer as interfering with interstate commerce.

Officers Elected.

At Thursday's session the officers for the ensuing year were elected as follows: Kirby B. White, Detroit, Mich., president; F. W. Bolgiano, Washington, D. C., first vice-president; L. L. Olds, Madison, Wis., second vice-president; C. E. Kendel, Cleveland, O., secretary and treasurer.

Executive Committee—J. M. Lupton, Mattituck, L. I., N. Y.; J. L. Hunt, Cambridge, N. Y.; H. M. Earl, Philadelphia, Pa.; L. H. Vaughan, Chicago; W. G. Scarlett, Baltimore, Md.

Membership Committee—J. C. Robinson, Waterloo, Neb.; Ben P. Corneli, St. Louis, Mo.; H. G. Hastings, Atlanta, Ga.

Convention Notes.

The Chicago seedsmen entertained the ladies with an automobile ride through the parks and North Shore Drive, Wednesday afternoon, June 21, stopping at the Moraine hotel in Highland park, where tea was served. The party returned in time to attend the banquet in the evening.

The revised disclaimer proposition was disposed of by slow torture. Let us hope for good. Majorities should rule certainly when as overwhelming as in this case. Kirby B. White's posi-

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,**England.****ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Nigella, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.Bean Growers for the
Wholesale Seed Trade**CARPINTERIA, CALIF.**

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,Branches Michigan,
Wisconsin and Idaho**MILFORD, CONN.**

Mention the American Florist when writing

Thorburn's
GLADIOLUS

Various Choice Mixed
VarietiesSee our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

VALLEY

FROM STORAGE

H. N. BRUNS

3032 Madison Street, CHICAGO

Contract Seed GrowersSpecialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.**George R. Pedrick & Son,**
PEDRICKTOWN, N. J.**BURPEE'S SEEDS**

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.**Bristol, Pa.****GERANIUMS**

	Per 100	Per 1000
S. A. Nutt, 2 in.	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.	2.00	18.00
Daisy Mrs. F. Sander, 2 in.	2.00	18.00
Vinca Variegata, 4 in.	8.00	75.00
Rex Begonias, 3 in. doz.	\$1.00	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

tion that policies should not be compulsory was well supported. The disclaimer was never intended to cover fraud.

Secretary Kendel says this was the largest convention in the history of the association. 60 per cent of the members being present. The Chicago convention held four years ago was the second largest. Sentiment is general in favor of holding alternate conventions in this central location.

The Illinois Seed Co., Chicago, made its headquarters at the Hotel Sherman, Parlor C, during the convention and had several representatives present. Each visitor to its office was presented a combination leather card case and note book as a souvenir.

Several of the visitors signified their intention of attending the forty-fifth annual convention of the American Association of Nurserymen, to be held at Milwaukee, Wis., next week, June 28-30.

President J. M. Lupton, Mattituck, L. I., held a reception at the hotel for the members and their friends, Tuesday evening, June 20, when everyone present had a most delightful time.

Next convention let's have a full fledged reception committee for introducing members. The wide distribution of members makes this more and more a necessity.

Quite a number of the visitors inspected the Albert Dickinson Co.'s magnificent new establishment at 2750 West Thirty-fifth street.

C. E. De Puy, with the C. E. De Puy Co., Pontiac, Mich., says that his firm sold seed oats for this year's planting as late as last week.

A. T. Ferrell has an attractive offer for the vaudeville circuit. Rabbits and bolognas are not usually brought here from Texas.

A. A. Berry, of Clarinda, Ia., wife and daughters, Ethel and Anna, made the trip to the convention by auto.

FLOWER SEEDS

For Summer Sowing

ASPARAGUS PLUMOSUS NANUS

Northern Greenhouse Grown.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.00.

Asparagus Hatcherii. 100 seeds, 60c; 1,000 seeds, \$4.50.

Asparagus Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50; oz., 50c.

CALCEOLARIA HYBRIDA

Vaughan's Extra Choice Mixed. Trade pkt. (1,000 seeds), 50c; 3 trade pkts. for \$1.35.

CINERARIA

Vaughan's Columbian Mixture. Trade pkt. (500 seeds), 50c; 3 trade pkts. for \$1.40.

DRACAENAS

	Trade pkt.	Oz.
Indivisa Lineata	\$0.10	\$0.40
Indivisa. Narrow green leaves.....	lb., \$3.50	.10 .30
Latifolia .....	.10	.50
Australis. Green and red colored leaves.....	.10	.50

GLOXINIA HYBRIDA

Vaughan's Columbian Mixture. Trade Pkt. (1,000 seeds), 50c; 3 trade pkts. for \$1.25.

MIGNONETTE

New York Market.....Oz., \$7.00; ½ oz., \$1.00; Trade pkt., 50c

Grown for us for years by a mignonette specialist.

Giant Machet

PRIMULA SINENSIS

Vaughan's International Mixture.....1-16 oz., \$4.00; 500 seeds, 50c

Perennials for Cutting

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Achillea Ptarmica, fl. pl.,			Eryngium Amethystinum.	\$0.25	....
The Pearl...½ oz., 50c	\$0.25	\$3.00	Forget-Me-Not (Myosotis), Blue	lb., \$4.50	.10 \$0.40
Aquilegia Canadensis ....	.15	1.25	Vaughan's Early and Late Flowering	.....	.15 .80
Coerulea .....	.15	1.25	Gaillardia Grandiflora.		
Rose Queen, pink.....	.....	.....	Mixed	lb., \$4.00	.10 .40
.....½ oz., 75c	.25	.....	Grandiflora, New Varieties. Mixed	.....	.20 1.00
Blue Shades...½ oz., 60c	.25	.....	Lathyrus Latifolius (Perennial Pea).		
Pink Shades .....	.25	.....	White	lb., \$4.00	.10 .35
Long Spurred varieties..	.15	1.00	Pink Beauty...lb., \$4.00	.10	.35
Vaughan's Special Mixture .....	.25	2.00	Lupinus Polyphyllus Roseus	.....	.20 1.00
Campanula Carpatica (Hare Bell)	.10	.50	Polyphyllus Albus, White	.....	.10 .25
Medium (Canterbury Bell), single mixed.....	.....	.....	.....lb., \$2.40	.10	.25
.....lb., \$3.00	.05	.30	Atro-coeruleus. Dark blue	.....lb., \$2.00	.05 .20
White, Blue, Striped or Pink .....	.10	.40	Matricaria Capensis fl. pl.		
Calycanthemum (Cup-and-Saucer), choice, mixed	.10	.80	White .....	.05	.25
Calycanthemum, Pink, Striped, Blue, White.....	.20	1.60	Capensis Alba Plenissima, Best White	.....	.10
Praecox (early flowering), white .....	.20	.....	Golden Ball. Yellow...	.25	.....
Pyramidalis, blue .....	.10	.60	Platycodon Mariesi, Dwarf blue	.....	.15 1.00
Alba, white .....	.10	.60	Grandiflorum, Blue.....	.15	1.00
Candytuft Sempervirens, white .....	.25	.....	Album .....	.15	1.20
Centaurea Pulcherrima, A fine pink cut flower.....	.25	5.00	Pyrethrum Roseum, Single Mixed .....	.15	....
Chrysanthemum Maximum (Ox-Eye Daisy) lb., \$3.00	.10	.30	Roseum hybridum grandiflorum .....	.25	....
King Edward VII. Robust, fine .....	.15	....	Rudbeckia Purpurea (Echinacea) .....	.15	1.20
Market Favorite, A splendid cut flower variety .....	.20	....	Grandiflora .....	.25	2.00
Mrs. C. Lothian Bell, Large white .....	.15	1.00	Salvia Argentea, Single-leaved sage .....	.10	.30
Leucanthemum (Spring Marguerite) .....	.10	.40	Azurea Grandiflora .....	.25	3.00
Delphinium Elatum Hybridum, Double Hybrids. Mixed, very choice .....	.25	1.50	Statice Latifolia. Blue..	.15	1.00
Belladonna. Light blue.	.25	2.40	Stokesia Cyanea (Stokes' Aster). Blue .....	.25	1.00
			Alba .....	.25	1.00

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

BARNARD'S

Seed Store
231-235 W. Madison St.
CHICAGO.

Vaughan's Seed Store, Chicago, presented all the visiting ladies with a magnificent bouquet of peonies.

The visitors expressed themselves delighted with the banquet entertainment, the best ever, some said.

A. McMeans, Wheatley, Ont., represented the seed branch of the Dominion government.

Pioneer members like Bushnell, Barteldes, Wood, Dickinson and others were gladly welcomed.

J. Chas. McCullough rehearsed Sanibel Island fish stories to the appreciation of his audience.

The Salzer Seed Co., La Crosse, Wis., reports a tremendous corn trade this year.

The Exhibits.

The McFarland Publicity Service, Harrisburg, Pa., seed and nursery catalogues.

Brown Bag Filling Machine Co., Fitchburg, Mass., bag filling machines.
A. B. Morse Co., St. Joseph, Mich., nursery and seed catalogues.

The Torsion Balance Co., New York torsion balance scales.

Walter Binn Co., Penn Yan, N. Y., store fixtures.

The Visitors.

The following is a list of the out-of-town visitors noted during the opening days of the convention:

Joseph F. Ackerman, Ligonier, Ind.
Earl F. Adams, Milford, Conn.
J. N. Albright, Des Moines, Ia.
Mrs. J. N. Albright, Des Moines, Ia.
Will C. Albright, Des Moines, Ia.
Frank W. Annin, Toledo, O.
R. W. Baker, Crawfordsville, Ind.
August J. Barnidge, St. Louis, Mo.
Edward Barnidge, St. Louis, Mo.
W. H. Barrett, Adrian, Mich.
F. T. Barteldes, Lawrence, Kans.
E. J. Bernet, La Crosse, Wis.
S. E. Beeman, Jackson, Miss.
A. A. Berry, Clarinda, Ia.
Mrs. A. A. Berry, Clarinda, Ia.
Robert H. Black, Albert Lea, Minn.
J. J. Bixler, Baltimore, Md.
F. W. Bolgiano, Washington, D. C.
J. Bolgiano, Baltimore, Md.
George L. Born, Oshkosh, Wis.
Luther A. Breck, Boston, Mass.
B. E. Brotherton, Port Huron, Mich.
W. Brotherton, Detroit, Mich.
A. J. Brown, Grand Rapids, Mich.
B. F. Brown, Fitchburg, Mass.
D. A. Brown, Cincinnati, O.
C. S. Burge, Toledo, O.
Amos Burhans, Waterloo, Ia.
David Burpee, Philadelphia, Pa.
A. K. Bush, Minneapolis, Minn.
D. I. Bushnell, St. Louis, Mo.
J. Bynoct, Overveen, Holland.
Daniel Carmichael, Cincinnati, O.
C. R. Chesmore, St. Joseph, Mo.
Arthur Bryan Clark, Green Bay, Wis.
J. R. Condon, Rockford, Ill.
L. R. Condon, Rockford, Ill.
Leonard R. Condon, Rockford, Ill.
R. J. Connors, Cincinnati, O.
Jas. P. Coon, Washington, D. C.
Ben P. Cornell, St. Louis, Mo.
Mrs. Ben P. Cornell, St. Louis, Mo.
Clifford Cornell, St. Louis, Mo.
Mrs. Clifford Cornell, St. Louis, Mo.
Adam Currie, Milwaukee, Wis.
Wm. A. Davis, Bozeman, Mont.
C. E. De Puy, Pontiac, Mich.
W. H. Dildine, Rochester, N. Y.
A. Lee Don, New York.
Edward W. Dorey, New York.
E. W. Dorey, New York.
H. W. Doughten, New York.
B. W. Dulaney, Cincinnati, O.
D. C. Dungan, Philadelphia, Pa.
Chas. E. Durst, Urbana, Ill.
Marshall H. Duryen, New York.
Howard M. Earl, Philadelphia, Pa.
J. W. Edmundson, San Jose, Calif.
L. S. Edgecomb, Buffalo, N. Y.
Mrs. L. S. Edgecomb, Buffalo, N. Y.
George B. Edgerton, Buffalo, N. Y.

LILIES-LILIES

For Summer Work

	Per 100
Lilium Giganteum.....	\$ 6.00
Lilium Album, 8- 9 inch (170 to case).....	11.00
Lilium Album, 9-11 inch (100 to case).....	16.00

Lily of the Valley Pips

Holland Grown.....500 for \$ 9.00	Danish Grown..... 500 for \$10.50
Holland Grown .....1000 for 17.00	Danish Grown.....1000 for 20.00

GLADIOLUS (Sound Bulbs)

For Late Planting

	Per 1000		Per 1000
America, first size.....	\$10.00	Augusta, first size.....	\$10.00
America, second size.....	8.00	Priniceps, first size.....	15.00
Chicago White, first size	25.00	Mrs. Francis King, 1½ in....	9.00

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Mrs. Edward J. Flood, Philadelphia, Pa.
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Eugene D. Funk, Bloomington, Ill.
J. W. Galloway, Waterloo, Ia.
John T. Geary, Columbus, Mo.
P. John Gernsbacher, Milwaukee, Wis.
J. L. Gillespie, Detroit, Mich.
H. De Giorgi, Council Bluffs, Ia.
Julius Goettle, Cincinnati, O.
J. W. Goettle, Cincinnati, O.
P. E. Goodrich, Winchester, Ind.
John F. Gorly, Columbus, Wis.
Mrs. John F. Gorly, Columbus, Wis.
H. R. Gould, Owatonna, Minn.
Edgar J. Gregory, Marblehead, Mass.
W. A. Gregory, Marblehead, Mass.
W. B. Griswold, Lincoln, Neb.
Chas. P. Guelph, Cambridge, N. Y.
A. Guttman, Manitowoc, Wis.
George Hall, Waterloo, Ia.
Chas. C. Hart, Wethersfield, Conn.
H. G. Hastings, Atlanta, Ga.
W. R. Hastings, Atlanta, Ga.
A. B. Haven, Santa Ana, Calif.
George E. Hays, Louisville, Ky.
W. S. Hill, Mitchell, S. D.
W. P. Hilton, Rochester, N. Y.
A. O. Hogg, Toronto, Ont.
J. H. Hogg, Toronto, Ont.
B. M. Holt, Caldwell, Idaho.
John L. Hunt, Cambridge, N. Y.
C. F. Jaeger, Toledo, O.
H. Janssen, Springfield, Ill.
Mrs. H. Janssen, Springfield, Ill.
J. William Jefferson, Louisville, Ky.
Clarence K. Jones, Baltimore, Md.
O. S. Jones, Sioux Falls, S. D.
H. A. Johns, Sioux City, Ia.
Wm. R. Jossman, Detroit, Mich.
J. Henry Joreux, Baltimore, Md.
C. N. Keeney, Le Roy, N. Y.
George Keith, Toronto, Ont.
F. W. Kellogg, Milwaukee, Wis.
C. E. Kendel, Cleveland, O.
Fred B. King, Rochester, N. Y.
John King, Toledo, O.
H. R. Kinsey, Omaha, Neb.
L. A. Kipping, Sedalia, Mo.
Axel Knudsen, Minneapolis, Minn.
Burnet Landreth, Jr., Bristol, Pa.
Wm. C. Langbridge, Cambridge, N. Y.
A. G. Lee, Ft. Smith, Ark.
Frank Leckenby, Seattle, Wash.
J. B. Lewville, Eyota, Minn.
Josiah Livingston, Columbus, O.
A. Wilmer Livingston, Columbus, O.
J. Loewith, New York.
W. A. Lohr, Milwaukee, Wis.
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T. S. Mangelsdorf, Atchison, Kans.
Jos. D. Marshall, Louisville, Ky.
C. C. Massie, Minneapolis, Minn.
John W. May, Alexandria, Va.
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Mrs. F. W. Mayhew, Saginaw, Mich.
F. C. Maynard, Sheboygan, Wis.
J. S. Michael, Sioux City, Ia.
W. H. Mixon, Charleston, S. C.
A. B. Morse, St. Joseph, Mich.
Lester L. Morse, San Francisco, Calif.
Fred Newhaus, New York.
L. L. Olds, Madison, Wis.
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Mrs. E. L. Page, Greene, N. Y.
E. M. Parmelee, Sheboygan, Wis.
Lawrence Payn, Ollioules, France.
J. L. Peppard, Kansas City, Mo.
Wm. T. Phillips, Toledo, O.
Mrs. Wm. T. Phillips, Toledo, O.
Francis E. Pigott, Rochester, N. Y.
Mrs. O. G. Pike, Mattituck, N. Y.
Fred S. Plant, St. Louis, Mo.
P. C. Pratt, Jackson, Mich.
W. C. Pressing, Norwalk, O.
Wm. A. Proescholdt, New York.
J. W. Ratekin, Shenandoah, Ia.
W. C. Renacker, Cincinnati, O.
A. O. Reynolds, Crawfordsville, Ind.
W. A. Rice, Jerseyville, Ill.
E. R. Riethmiller, Jackson, Mich.
Theo. Rimpian, Hamburg, Germany.
C. W. Robinson, Dallas, Tex.
J. C. Robinson, Waterloo, Neb.
Henry Roewkamp, Oshkosh, Wis.
A. L. Rogers, Alpena, Mich.

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Peas and Beans, Michigan Grown.
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Ask for prices now, 1915 crop.

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My New PRICE LIST of

Winter Orchid-Flowering
Sweet Pea Seed

Has been mailed. If you have not received a
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Part of new crop will be ready early in July.

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440 S. Dearborn Street, CHICAGO.

Wholesale Grass Seed Dealers' Ass'n.

At a meeting of the board of directors held June 19, the following officers for the ensuing year were elected: A. E. Reynolds, Crawfordsville, Ind., president; C. C. Massie, Minneapolis, Minn., vice-president; Wm. R. Jossman, Detroit, Mich., secretary-treasurer. John A. Smith, Toledo, O.; Geo. S. Green, Chicago, and E. T. Stanford were appointed committee on arbitration for the ensuing year. The present trustees are: Geo. R. Green, W. G. Scarlett and E. T. Stanford, expiring in 1917; C. C. Massie, J. Chas. McCullough and R. W. Pommer, expiring in 1918; A. E. Reynolds, J. H. Smith and M. H. Duryea, expiring in 1919, the latter elected at this meeting. The following committee was appointed on trade rules, its object being to standardize rules for business intercourse and conduct which will be accepted as the custom of the trade in arbitration and legal proceedings, and upon which contracts may be based: George E. Hays and J. W. Jefferson, Louisville, Ky.; F. W. Annin, Toledo, O.; M. H. Duryea, New York; D. I. Bushnell, St. Louis, Mo., and Chas. Dickinson, Chicago. Curtis Nye Smith was retained as counsel for the coming year.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

THE United States department of Agriculture has recently issued Bulletin 716, entitled, "Management of Sandy-Land Farms in Northern Indiana and Southern Michigan," dealing with the treatment of farms on the yellow to whitish sandy-land areas and outlines a plan for developing a well-balanced farm system.

Prices of Indoor Fruits and Vegetables.

Chicago, June 20.—Mushrooms, home grown, No. 1, 85 cents per pound; lettuce, cases, 6 to 15 cents; radishes, 75 cents to \$1.00 per 100 bunches; celery, \$1.75 to \$2.00 per crate; tomatoes, four baskets, 50 cents to \$1.00; cucumbers, per doz., 40 cents to 50 cents.

New York, June 20.—Celery, per 12-inch crate, \$1.25 to \$3.50; cucumbers, 75 cents per dozen; mushrooms, 75 cents to \$1.75 per 4-pound basket; tomatoes, 10 cents to 20 cents per pound; radishes, per 100 bunches, 50 cents to 75 cents; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per 100 bunches, \$1.00 to \$1.25.

Tomatoes Under Glass.

This season we are conducting an interesting experiment with greenhouse tomatoes to determine the value of fire heat late in the season. To this end we removed the crop of lettuce from one house entirely, set the house to Bonny Best tomato out of 2½-inch pots and maintained a night temperature of 60° or a little more. The other house we planted the same kind of plants among lettuce, and ran the house cool to suit the lettuce crop. At this time the contrast is remarkable. The heated house has on an average three clusters of fruit per plant, with some just ripening, while the other house is just getting its first fruit. This is exactly in line with our long experience. It is a big question if this intercropping is as desirable as some believe. The heat required was very little, as one or two pipes at night would hold the temperature easily. We believe that the crop in the first house will sell for about twice as much as that in the second house. Unless the last crop of lettuce brings a good high price it will not pay for the damage it does to the tomato crop that follows.

MARKETMAN.

Controlling Grasshoppers.

Farmers' Bulletin No. 691, issued by the United States department of agriculture, gives practical measures for the control of four kinds of grasshoppers which do much damage to truck crops. Killing the grasshopper eggs by plowing, harrowing and disking either in connection with fall plowing or in breaking ground in the

spring is recommended as effective. Three of the species mentioned have small wings in proportion to their bodies and cannot fly far. While the other species can fly long distances, it never does so except in search of food or to escape unfavorable conditions.

Two different measures of control are suggested. One has to do with preventing the eggs from hatching and the other measure concerns the killing of the young as well as the adult grasshoppers. The eggs hatch about the time of the last spring frosts and if egg infested land requires plowing, no other treatment need be given. The plowing, however, should be at least six inches deep and should be finished as much before April 15 as possible. This covers the eggs so deep that the young cannot get out when they hatch. If plowing is unnecessary for the following crop the eggs can be destroyed with little expense by stirring the ground to a depth of two inches.

For destroying young and adult grasshoppers one of the cheapest and most effective measures is the employment of the following poisoned bait:

Bran 25 pounds
Paris green or white arsenic... 1 pound
Oranges or lemons 6
Cheap syrup or molasses.... 2 quarts
Water 3 gallons

While fresh and wet the mash is very attractive to grasshoppers, but but when dry or stale it is not eaten. Sow it broadcast on the infested land late in the evening or early in the morning as the grasshoppers are then just beginning to feed. The bait should not be spread just before a shower, as the rain washes the poison from the bran flakes. The bait should never be placed in heaps or scattered thickly, but if scattered evenly domestic animals and birds will not secure enough of the poison to kill them. The mixed bait should, however, be kept out of the reach of children and domestic animals. It is best not to use the hands in mixing, as the poison may be absorbed.

Septoria Leaf Spot Disease of Celery.

The botanical department of the Michigan Agricultural College experiment station, East Lansing, has issued a bulletin explaining the cause of and methods to prevent the disease called Septoria leaf spot or blight, which caused a loss of probably more than a million dollars to the Michigan celery industry in 1915. It is written for the small grower but producers with large areas can easily adapt the recommendations to their conditions.

Septoria leaf spots show first as

brown, dead spots on the leaves, which are soon speckled with dots, which, though small, are easily detected. With a light attack there may be only a few blemishes on the leaves, and in a weak market growers cut the price five to 10 cents per crate. However, with a severe attack the leaves wither and die and the stems shrivel and fall down. The disease is the result of an attack of a parasitic fungus or mold the threads of which twine between the leaf cells and feed upon the substance of the plant.

As nearly all samples of celery seed carry this fungus it is recommended that the seeds be disinfected before planting. Soak the seeds one-half hour or longer in warm but not too hot water. Then soak for one-half hour in a corrosive sublimate solution in the proportion of one part to 1,000 parts of water. As corrosive sublimate is deadly poison keep the solution or tablets out of the reach of children. The spores of the fungus are usually dead on seed two or three years old and the use of old seed of good germinating power is advised. Other methods of control recommended are: Rotation of crops if land enough is available; do not work plants while dew is on or directly after a rain; spray the celery plants every two or three weeks with Bordeaux mixture or oftener if the season is wet.

LOUISVILLE, KY.—Miss Edith Walker, manager of the William Walker Co.'s retail store, has been awarded the silver cup offered by the Louisville Advertising Club for the best window display judged from a sales standpoint.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Mention the American Florist when writing



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

Mention the American Florist when writing

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Mention the American Florist when writing

The Geo. Wittbold Company

737 Buckingham Place
CHICAGO, - - - ILLINOIS

Special Wholesale Price List--Summer and Fall, 1916

CYCLAMEN

We have from year to year been growing these popular winter flowering plants in steadily increasing quantities. The demand for them is such that our supply of plants, however large it may be, quickly gets exhausted.

Our methods of cultivation have proved singularly successful. The plants are healthy, stocky and strong; the results consequently and invariably satisfactory, both to our many customers and to us.

As to the selection of colors and strains, we have been more careful than ever to get only the best, as can be seen from the following list of international strains, which can be had either in separate colors or assorted. As the orders come in, we pick out

the heaviest, best leaved plants of a splendid stock of about 40,000.

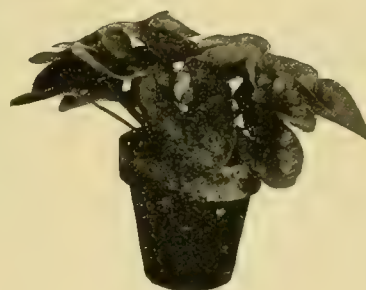
Wonder of Wandsbek,	Sunset,
Glory of Wandsbek,	Excelsior,
Rose of Wandsbek,	Prince of Wales,
Dark Red,	White with Pink Eye.
Brilliant Red,	Princess May,
Bright Red,	Salmon King,

3-inch assorted colors: \$8.00 per 100; \$75.00 per 1,000.

3-inch separate colors \$9.00 per 100; \$80.00 per 1,000.

4-inch, ready in August, mixed colors, \$15.00 per 100; \$140.00 per 1,000.

4-inch, ready in August, separate colors: \$16.00 per 100; \$150.00 per 1,000.
500 plants at 1,000 rate.



Cyclamen.

HYDRANGEA HORTENSIS

These popular plants are also grown on a very large scale at our Edgebrook Establishment, the capacity of which has been largely increased this year. Our method of growing these plants in pots plunged in the open over Summer makes strong well matured stock for forcing next Winter.

There is always a demand for the Japanese Otaksa, but the French varieties, which come in assorted colors, seem to be in

greater favor at present. We have both kinds.

4-inch assorted at \$1.00 per doz.; \$9.00 per 100; \$80.00 per 1,000.

5-inch assorted at \$3.00 per doz.; \$22.50 per 100; \$200.00 per 1,000.

500 at the 1,000 rate.

6-inch at \$4.20 per doz.; \$32.50 per 100.

7-inch at \$6.00 per doz.; \$45.00 per 100.

8-inch at \$9.00 per doz.

9-inch Specimens at \$12.00 per doz.



Hydrangea Hortensis.

Primula Obconica.

Assorted rich colors, 3-inch, ready for middle of July, at \$5.00 per 100.

Aspidistra Elatior.

Tall, fine plants, green-leaved, at 10 cts. per leaf; variegated at 15 cts. per leaf. The plants are in 5 and 6-inch pots and have from 8 to 12 leaves each.

Asparagus Plumosus.

3-inch at \$6.00 per 100.

Asparagus Sprengeri.

2-inch at \$2.50 per 100; \$22.50 per 1,000.

Araucaria Excelsa.

5-inch at \$ 9.00 per doz.
6-inch at \$12.00 per doz.

Anthericum Variegatum.

4-inch at \$2.00 per doz.; \$15.00 per 100.
Anthericum Mandaianum, 3-inch at \$1.50 per doz.

Palms.

Cocos Weddelliana, 2-inch, \$1.75 per doz.; \$14.00 per 100.

Kentia Belmoreana, 2-inch, at \$1.50 per doz.; \$12.00 per 100.

Kentia Belmoreana, 4-inch, at \$4.50 per doz.

Kentia Belmoreana, 5-inch, at \$6.00 per doz.

Kentia Forsteriana, 2-inch, at \$1.50 per doz.; \$12.00 per 100.

Kentia Forsteriana, 3-inch, at \$2.00 per doz.; \$15.00 per 100.

Latania borbonica, 6-inch, at 75 cts. each.

Latania borbonica, 7-inch, at \$1.00 each.

Latania borbonica, large, 10-inch, at \$4.00 each.

Boxwoods.

Bushes, heavy, 24-inch, at \$1.50 each.

Pyramids, 36-inch, at \$3.00 each.

Standards, 12 to 18-inch stems, 15-inch crowns, at \$2.00.

Standard Globes, with short stems, 16-18-inch heads, at \$4.00 each.

English Ivy.

3-inch at \$ 6.00 per 100.

4-inch at \$10.00 per 100; \$95.00 per 1,000.

Dracaena Indivisa.

2-inch at \$3.00 per 100.

3-inch at \$0.75 per doz.; \$ 6.00 per 100.

4-inch at \$1.25 per doz.; \$10.00 per 100.

Sansevieria Zeylanica.

3-inch, thrifty plants, at \$1.00 per doz.

4-inch, thrifty plants, at \$2.00 per doz.

Boston Ferns.

3-inch at \$1.00 per doz.; \$ 7.00 per 100.

4-inch at \$1.50 per doz.; \$10.00 per 100.

8-inch specimens at \$1.00 each.

Whitmani Ferns.

3-inch at \$1.00 per doz.; \$ 7.00 per 100.

4-inch at \$1.50 per doz.; \$10.00 per 100.

Pteris Tremula.

4-inch at \$8.00 per 100.

Aspidium Cyrtomium and Pteris assorted, 3-inch at \$6.00 per 100; 4-inch at \$9.00 per 100.

Cyperus Alternifolius.

5-inch at \$1.50 per doz.; \$12.00 per 100.

Coleus, Brilliance, 2-inch, at \$3.00 per 100.

Coleus, Trailing Queen, 2-inch, at \$2.50 per 100.

Ficus Elastica.

3-inch at \$2.00 per doz.; \$15.00 per 100.

Pandanus Veitchii.

3-inch, well colored, at \$3.00 per doz.

Geraniums in Flowers.

3½-inch, S. A. Nutt, Jean Viaud, Alph. Ricard, at \$6.00 per 100.

Caladium Esculentum.

Pot grown, 3½-inch, at \$6.00 per 100.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

MILWAUKEE CONVENTION next week, June 28-30.

The Rose-Chafer.

The rose-chafer, a beetle that damages vegetables, fruits and flowers and one of the most widely distributed and troublesome pests with which the florist or gardener has to contend, is the subject of Farmers' Bulletin No. 721 issued by the United States department of agriculture. The beetles also cause the death of young chickens, the chickens being poisoned from feeding on the beetles. A thoroughly effective remedy against this insect is yet to be discovered as any application that may be made is unsuccessful unless applied almost continuously; as often as the beetles on a plant are killed others arise from the ground or from nearby fields to take their places. Applications of arsenate of lead are recommended by the Bulletin for protection.

Berberis Verruculosa.

An evergreen barberry, discovered by Wilson in western Szechuan, is flowering freely for the first time in the arboretum. It is a small shrub with slender, arching stems, thickly covered with dark brown excrescences, small oval leaves, dark green and very lustrous on the upper surface and pale below, and small golden yellow flowers, which are solitary or produced in few-flowered clusters. The berries are black, oblong or bottle-shaped and covered with a glaucous bloom. On its native mountains this barberry is said sometimes to grow three feet tall, but the plants in the arboretum are only a few inches high. These plants have now been growing for several years on the exposed southern slope of Bussey hill where they have never been injured. Berberis verruculosa appears to be the hardiest and for this climate it is probably the most valuable of the Chinese evergreen species. The small size and compact habit make it a good subject for the rock garden.—Arnold Arboretum Bulletin, June 2, 1916.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

TREE, SHRUB AND PALM.. SEED

For the Nursery and Florist Trade.

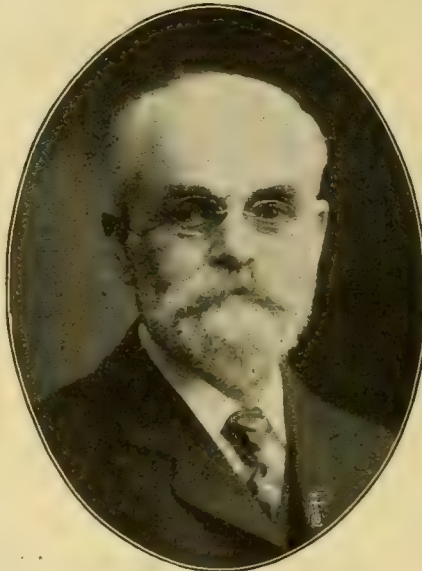
My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,

AGLE ROCK STATION, LOS ANGELES, CALIF

Leaf Blister Mite of Pear and Apple.

Red or green blister-like spots appearing in the early spring on the foliage of apple or pear are usually due to the leaf blister mite, and where trees are seriously infested a special application of lime sulphur wash or other spray may be necessary. A standard solution of kerosene emulsion, the stock solution diluted with five parts of water, may also be used. One application should be given in the spring before the trees put out foliage.



John Hall, Rochester, N. Y.

Secretary American Association of Nurserymen.

age and another in the fall as soon as most of the leaves have fallen. Farmers' Bulletin No. 722, issued by the United States department of agriculture, tells how the pest may be recognized and gives methods for its control.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

JAPANESE TEA GARDEN

—AND—

ROCKERY

For your summer house, made in a short time.

T. R. Otsuka, 300 S. Michigan Ave. CHICAGO.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

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ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

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Storrs & Harrison Co.

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Catalogues and Price Lists

Free on Application.

PAINESVILLE, - OHIO

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Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Cut this Ad. out and stick it on your desk

IF YOU DON'T SEE OUR AD.
DURING JULY AND AUGUST, Don't Worry!
We will be on the job every day.

Send for a copy of our 80 page Stock Catalog for Nurserymen.

The Gillies Lithographing and Printing Co.,

ROCHESTER, N. Y.

Watch out for our Advertising in September.

Chrysanthemums

Ready Now,
From 2 1/4 Inch Pots.

COMMERCIALS.

Roman Gold, Golden Queen, Antique, Unaka, Arlette Dubois, Marigold, Smith's Sensation, Smith's Advance, White Bonaffon, Smith's Ideal, Golden Glow, Minnie Bailey, Major Bonaffon, Pacific Supreme, White Chieftain, Clementine Touset, \$3.00 per hundred; \$25.00 per thousand.

W. H. Chadwick, Chadwick Supreme, Chadwick Improved, \$4.00 per hundred; \$35.00 per thousand.

SINGLES

Stanley Ven, Allegheny, Mrs. E. D. Godfrey, Polly Duncan, Clea, Miss Isabelle, \$3.00 per hundred; \$25.00 per thousand.

POMPONS

Fairy Queen, Golden Climax, Neola, Clorinda, Zenobia, White Jitsu-jetul, Western Beauty, Minto, \$3.00 per hundred; \$25.00 per thousand. Not

less than 25 of a variety at hundred; 250 at thousand per rate.

Reference or cash from unknown correspondents.

These prices are to those in the trade only.

ELMER D. SMITH & CO.

Adrian, Mich.

Mention the American Florist when writing

Ipomoea Noctiflora (MOONVINES)

2 1/2-in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

25,000 Chrysanthemums READY NOW

In over 20 varieties: early, medium and late, from 2 and 2 1/4 inch pots, fine stock.
Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

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Araucarias Wanted

Wanted—For immediate delivery, 500 plants Araucaria Excelsa, 2 to 3 whorls.

Key 645, care American Florist

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2 1/2 and 4-inch pot **ROSES**

In Good Assortment.

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Boxwood Plants

IN TUBS

Each Pair

PYRAMIDS—	2 1/2-ft.....	\$2.00	\$3.75
	3 -ft.....	2.50	4.50
	3 1/2-ft.....	3.50	6.00
	4-ft.....	4.50	8.00
BUSH—	18-inch.....	.75	1.40
	20-inch.....	1.00	1.75
	24-inch.....	1.25	2.35
	30-inch.....	2.75	5.00
	36-inch.....	3.75	7.00
	10-inch (out of tubs), doz., \$3.00; 12-in. doz., \$4.00		
STANDARDS—	18-20-inch stem, 12-inch ball tops.....	3.00	5.50
	12-in stem, 12-in. crown.....	1.25	2.25
	14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBES—	15x15-inch.....	2.75	5.00
	18x18-inch.....	3.50	6.50
	20x20-inch.....	4.50	8.00

Out of tubs 25c each reduction.
10 per cent discount allowed on Pyramids in lots of 10 or more.
10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

GOLDEN—	12-inch.....	\$0.45	\$4.50	\$35.00
	18-inch.....	.75	8.00	50.00
GREEN—	18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

VARIEGATED—	12 to 18-inch.....	\$0.60	6.00	50.00
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Ampelopsis Veitchi, 3-yr., Pot-Grown, Doz., \$3.00; 100, \$20.00

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

Mention the American Florist when writing

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8 00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

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If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2 1/2-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3 1/2-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

140 S. Dearborn St. CHICAGO

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

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Published weekly. The Largest
Brightest and Best British
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(International money order.)
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touch with European markets
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FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100
100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

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Box 404, DUNDEE, ILL.

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Plant Bargains

Achyranthes bicolor.....
Achyranthes Panache de Bailey... } 2½
Swainsona alba..... } Inch
Penstemon Southgate Gem.....
Heliotrope Mammoth Mixed.....
Feverfew Golden Feather.....
\$2.00 per 100; \$15.00 per 1000.

Heliotrope, light blue, 3 inch, **\$4.00**
per 100; **\$35.00 per 1000.**

Vaughan's Seed Store, CHICAGO
NEW YORK

Robert Craig Co...

High - **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

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Lafayette, - - Indiana

A. N. Pierson, Inc.

Wholesale Florists

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GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poltevine.....12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

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BEGONIAS

We make a specialty of begonias; you will like our stock: prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Cincinnati, 2½-in.....	15.00	120.00	Prima Donna, 3 in.....	\$ 4.50	\$40.00
Lorraine, 2½-in.....	\$12.00	\$100.00	Prima Donna, 4-in.....	6.00	50.00
Chatelaine, 2½-in.....	3.50	30.00	Xmas Red, 2½-in.....	6.00	50.00
Chatelaine, 3-in.....	5.00	45.00	Xmas Red, 3 in.....	8.00	70.00
Chatelaine, 4-in.....	6.00	50.00	Xmas Red, 4-in.....	10.00	90.00
Luminosa, 2½-in.....	2.50	20.00	Vernon, 2½-in.....	6.00	50.00
Erfordii, 3 inch.....	6.00	50.00	Vernon, 3-in.....	8.00	70.00
Prima Donna, 2½-in.....	2.50	20.00	Vernon, 4-in.....	10.00	90.00

PYFER & OLSEM, - Wilmette, Ill.

13,000 VINCA VAR.

Out of 4 inch pots, \$10.00 and \$12.50 per 100.

GERANIUMS, out of 3½ inch.....\$7.00 per 100

Superb strain full transplanted **PANSIES**, \$1.25 per 100; \$10 and \$15 per 1000.

SALVIA SPLENDENS, out of 3½.....\$5.00 per 100

Cash Please.

Leonard Cousins, Jr., CONCORD JUNCTION,
MASS.

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PALMS.

Joseph Heacock Co.,

Wyncote, Pa.

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SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
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Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9 per 1,000; \$1.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Asparagus, plumosus, 3-in., \$6 per 100; Sprengeri, 2-in., \$2.50 per 100; \$22.50 per 1,000. The George Wittbold Company, 737 Buckingham Place, Chicago.

ASPARAGUS SPRENGERI. Fine 2-in., ready for 3-in. pots, \$3.00 per 100; \$27.00 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS, big 3-in. for bedding, \$4.00 per 100; Sprengeri, 3-in., \$4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

ASTERS.

ASTER PLANTS, by mail or express prepaid. Simple's Branching, large, well-rooted plants, 65c per 100; \$3.75 per 1,000. Harry H. Squires, Remsenburg, N. Y.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonias. We make a specialty of them.		
	100	1,000
Chatelaine, 2½-in.	\$ 3.50	\$ 30.00
Chatelaine, 3-in.	5.00	45.00
Chatelaine, 4-in.	6.00	50.00
Erfordii, 3-in.	6.00	50.00
Luminosa, 2½-in.	2.50	20.00
Luminosa, 3-in.	4.50	40.00
Luminosa, 4-in.	6.00	50.00
Prima Donna, 2½-in.	2.50	20.00
Prima Donna, 3-in.	4.50	40.00
Prima Donna, 4-in.	6.00	50.00
Xmas Red, 2½-in.	8.00	70.00
Xmas Red, 3-in.	10.00	90.00
Xmas Red, 4-in.	10.00	90.00
Vernon, 2½-in.	8.00	70.00
Vernon, 3-in.	10.00	90.00
Vernon, 4-in.	10.00	90.00
Lorraine, 2½-in.	12.00	100.00
Cincinnati, 2½-in.	15.00	120.00
Pyfer & Olsem,		Wilmette, Ill.

BEGONIAS—Delivery from May 15.
 Lorraine, 2½-in. pots, \$12.00 per 100
 Cincinnati, 2½-in. pots, \$15.00 per 100
 Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00 per 1,000
 JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

Xmas Red, 2½-in.	\$5.00 per 100
Xmas Red, 3-in.	8.00 per 100
Erfordii, 2½-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2½-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2½-in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberos started, \$6.00 per 100; \$1.00 per doz., separate color or mixed.

ERNEST ROBER, Wilmette, Ill.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery. 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

TUBEROUS BEGONIAS. 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed. ERNEST ROBER, Wilmette, Ill.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

	Each.
Boxwood, 12-15-in.	35c
" 24-30-in.	\$1.25 to 1.50
Pyramids, 2-2½ ft.	1.75
" Heavy	2.00
" 3-3½ ft.	2.50
" Heavy	3.00
" 4 ft.	4.00
Standard, 12-in.	2.50
" 15-in.	3.50
Globes, 12-in.	1.75

All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.

ERNEST ROBER, Wilmette, Ill.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-in. balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Dundee, Illinois, Box 404.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Lilies for summer work. Liliun Giganteum, \$6 per 100; Liliun Album, 8-9-in. (170 to case), \$11 per 100; 9-10 in. (100 to case), \$16 per 100. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs. Rainbow Freesias, of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000; \$187.50 per 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs, L. Giganteum, 7-9, case of 300, \$20; 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Orloules, Var., France.

Fall Bulbs. Write for prices. James Vick's Sons, Rochester, N. Y.

CALADIUMS.

Caladiums. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery July 1st. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemum. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$80 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings		Cut Back Plants	
	100	1000	100	1000
Col. D. Appleton, yel.	\$2.00	\$18.00	\$2.00	\$20.00
Bonnaillon, yellow	2.00	18.00	2.00	20.00
Chas. Razer, white	2.00	18.00	2.00	20.00
Dr. Enguehard, pink	2.00	18.00	2.00	20.00
Halliday, yellow	2.00	18.00	2.00	20.00
Intensity, red	2.00	18.00	2.00	20.00
Lynwood Hall, white	2.00	18.00	2.00	20.00
Chieftain, pink	2.00	18.00	2.00	20.00
Bronze Touset, bronze	2.00	18.00	2.00	20.00
Golden Queen, yellow	2.00	18.00	2.00	20.00
Buckbee, white	2.00	18.00	2.00	20.00
Marigold, yellow	2.00	18.00	2.00	20.00
White Chadwick	3.00	25.00	2.00	20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of Pompons in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings		Cut Back Plants	
	100	1000	100	1000
Lulu, white	\$2.00	\$18.00	\$2.50	\$20.00
Baby, yellow	2.00	18.00	2.50	20.00
Overbrook, yellow	2.00	18.00	2.50	20.00
Mrs. Astor, yellow	2.00	18.00	2.50	20.00
Sabey, yellow	2.00	18.00	2.50	20.00
Cubit, tan	2.00	18.00	2.50	20.00
E. D. Godfrey, pink	2.00	18.00	2.50	20.00
Croesus, bronze	2.00	18.00	2.50	20.00
Tiber, brown and red	2.00	18.00	2.50	20.00
Mensa, white	2.00	18.00	2.50	20.00
Quinola, yellow	2.00	18.00	2.50	20.00
Pretoria, yellow	2.00	18.00	2.50	20.00
Zenobia, yellow	2.00	18.00	2.50	20.00
Mary Richardson, terra cotta	2.00	18.00	2.50	20.00
Agiol, variegated	2.00	18.00	2.50	20.00
H. Hicks, brown	2.00	18.00	2.50	20.00
Klondyke, yellow	2.00	18.00	2.50	20.00
Mrs. F. Beu, bronze	2.00	18.00	2.50	20.00
Sylvia, red	2.00	18.00	2.50	20.00
Sydanla, yellow	2.00	18.00	2.50	20.00
Miss Julia, yellow	2.00	18.00	2.50	20.00
Lillia, red	2.00	18.00	2.50	20.00
Mrs. Buckingham, pk.	2.00	18.00	2.50	20.00
Sou, Melanilla, pink	2.00	18.00	2.50	20.00
Baby Margaret	2.00	18.00	2.50	20.00
Diana	2.00	18.00	2.50	20.00

WIETOR BROS.,

162 N. Wabash Avenue,

Chicago, Ill.

CHRYSANTHEMUMS.

	Rooted Cuttings		2 1/2-in. plants	
	100	1000	100	1000
PINK—				
McNiece	\$2.50	\$22.00	\$2.75	\$27.00
Enguehard	2.50	22.00	2.75	27.00
R. F. Loeben	2.50	22.00	2.75	27.00
Patty	2.50	22.00	2.75	27.00
Wells Late Pink	2.50	22.00	2.75	27.00
Chieftain	2.50	22.00	2.75	27.00
WHITE—				
October Frost	\$2.50	\$18.00	\$2.75	\$25.00
Chas. Razer	2.50	18.00	2.75	25.00
Elise Papworth	2.50	18.00	2.75	25.00
W. H. Chadwick	2.50	18.00	2.75	25.00
Timothy Eaton	2.50	18.00	2.75	25.00
Alice Salomon	2.00	18.00	2.75	25.00
White Chieftain	4.00	38.00	5.00	48.00
Bronze—				
O. H. Kahn	\$2.00	\$18.00	\$2.75	\$25.00
YELLOW—				
Golden Glow	\$2.00	\$18.00	\$2.75	\$25.00
Chrysolora	2.00	18.00	2.75	25.00
Yellow Eaton	2.00	18.00	2.75	25.00
Yellow Salomon	2.00	18.00	2.75	25.00

POEHLMANN BROS. CO.,

Morton Grove,

Illinois.

CHRYSANTHEMUMS. Leading commercial varieties. 2-in. pots. \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemum, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

COLEUS.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.

CYCLAMEN.

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 3-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 3-in. pots.	\$12.00
Rose of Wandsbek, bright salmon, 3-in. pots	12.00
Schoene Dresdnerin, soft salmon rose, 3-in. pots	12.00
Pearl of Zehlendorf, bright salmon rose, 3-in. pots	12.00
Glovy of Wandsbek, bright rose, 3-in. pots	12.00

An assortment of the above nine varieties at \$10.00 per 100. Can be shipped from now on.

ANTON SCHULTHEIS,

316 Nineteenth St.,

College Point, L. I.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. For May delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHRS CO., Rutherford, N. J.

Cyclamen. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

1,000 2 1/2-in. Wandsbek cyclamen; good clean stock. \$6 per 100. D. G. GRILLBORTER, Alexandria, Va.

DAHLIAS.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williamstown June, N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heintz, West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Four-inch Boston Ferns, \$15.00 per hundred. Five-inch Boston Ferns, \$25.00 per hundred. Six-inch Boston Ferns, \$50.00 per hundred. Seven-inch Boston Ferns, \$9.00 per dozen. Eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK Greenhouses, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

Ferns, Boston and Whitman, 3-in., \$1 per doz.; \$7 per 100; 4-in., \$1.50 per doz.; \$18 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fancy ferns, galax and leucothoe, etc. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS. Extra strong 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viand, Landry, La Favorite, Perkins, Oberie and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator Rodgers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Viand and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2 1/2-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS. 4-in. Nutt and Jean Viand, 7c; select Poitevine, 8c. Cash, please. Heitman-Oestreicher Co., North Avenue and 56th St., Milwaukee, Wis.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladiolus, sound bulbs, for late planting. America, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000; Chicago, 1st size, \$25 per 1,000; Augusta, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000. Mrs. Francis King, 1 1/4-in., \$9 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Fancy ferns, \$1.35 per 1,000; dagger ferns, \$1.15 per 1,000; green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

Heliotrope, light blue, 3-in., \$4 per 100; \$35 per 1,000. Vaughan's Seed Store, Chicago and New York.

HELIOTROPE, 2-in. strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

Hydrangeas, 50c, 75c and \$1.00 each; larger specimens, \$3.00 to \$5.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

IRISES.

German Iris, strong divisions. For July and August planting. For varieties and prices see advertisement on front cover of this issue. Vaughan's Seed Store, Chicago and New York.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

IVIES.

ENGLISH IVY. 3-in., \$8 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley Pips, Holland grown, \$9 per 500; \$17 per 1,000; Danish grown, \$10.50 per 500, \$20 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the Valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily bulbs: fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

Lily of the Valley, from storage. H. N. Bruus, 3032 Madison St., Chicago.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIAS, 10-12 ft. in tubs, \$13.50 to \$18 each. Phoenix Canariensis in quantity, 2 ft., 40c; 3 ft., 60c; 4 ft., 85c; 5 ft., \$1.00; 6 ft., \$1.50; 7 ft., \$2.25; 8 ft., \$3.00 each. KENTIA NURSERIES, Santa Barbara, Calif.

Kentias, Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Company, 737 Buckingham Place, Chicago.

Palms. Joseph Heacock Co., Wyncote, Pa.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

PANSIES.

Pansies, superb strain, fall transplanted, \$1.25 per 100; \$10 and \$15 per 1,000. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 123 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, ever-blooming class. Easter Greeting and its three sports. Lucy Becker, Swabian Maid and Wurtembergia, strong 2-in., \$8.00 per 100. We guarantee Swabian Maid and Wurtembergia to be equal to Easter Greeting if you get them true to name. We were the first to introduce the above four kinds in this country. Send for pelargonium catalog. F. H. DeWitt & Co., Wooster, O.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

ROSES.

FINE 2½-INCH ROSE PLANTS.			
	100		1,000
Killarney	4.00		35.00
Richmond	3.00		25.00
Geo. Elgar (Baby Yellow)	4.00		35.00

WITPORT BROTHERS.
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in.	2½-in.
	Per	Per
	1,000	1,000
Killarney		\$56.70
White Killarney	100.00	
Killarney Brilliant	100.00	
Elgar (special only)	100.00	
Old Gold	100.00	

POEHLMANN BROS. CO.,
MORTON GROVE, ILLINOIS.

STRONG 2½-INCH ROSE PLANTS.			
	100		1,000
Pink Killarney	\$2.50		\$20.00
Richmond	2.50		20.00

Bench Plants.
White Killarney \$2.50 | \$20.00 |

Good Stock—Order Early.
GEORGE REINBERG,
162 No. Wabash Ave., Chicago.

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose Hoosier Beauty. Own root, extra strong plants. 3-in., \$12 per 100; \$100 per 1,000. F. Bonner & Sons Co., Lafayette, Ind.

Roses, Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses, Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses, 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Penna.

SALVIAS.

SALVIA PLANTS, by mail or express, prepaid, \$2.00 per 100; \$18 per 1,000. Harry H. Squires, Remsenburg, N. Y.

SALVIA, Bonfire, large, strong plants from soil. Ready for immediate sale, \$1.00 per 100. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Salvia Splendens, out of 3½-in., \$5 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzli seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherli seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seed, Flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Musk-melon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, Asparagus, Palm and Florists' Flower for present sowing. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 123 Chambers St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbena in variety. Waldo Rohuert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seed, Dickinson lawn grasses. Special mixtures for golf courses. The Albert Dickinson Co., Chicago and Minneapolis.

Seeds, Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

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Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. For the wholesale trade only. Braslau Seed Growers' Company, San Jose, Calif.

Seeds. Choice pea and bean. John H. Allan Seed Co., Sheboygan, Wis.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

SMILAX, 2 1/2-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

SWEET PEAS.

Sweet Peas. Morse's Early Flowering Long Season Spencer. For varieties see advertisement elsewhere in this issue. C. C. Morse & Co., San Francisco, Calif.

VEGETABLE PLANTS.

CELERY PLANTS. Golden self-blanching (French strain), Giant Pascal and Winter Queen, fine plants, ready for the field, \$2.00 per 1,000; 5,000 for \$7.50. Cash. Brill Celery Gardens, Kalamazoo, Mich.

SWEET POTATO PLANTS. 3,000,000 Big Leaf Up River, Big Stem Jersey, Gold Skin, Horner, Up River, Southern Queen, Red Nancymond, Vineland Improved, at \$1.00 per 1,000. C. E. BROWN, Bridgeville, Del.

Yellow Jersey sweet potato plants, well rooted, 20c per 100; \$1.75 per 1,000. Cash with order. THE DAVIS BROS. FLORAL CO., Box 127, Centerville, Ind.

CABBAGE PLANTS. Danish Ball Head, short stem; fine stocky field grown, \$1.50 per 1,000. Cash. McAdams Seed Co., Columbus Grove, O.

Vegetable plants, cabbage and celery, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Vinca variegated, out of 4-in. pots, \$10 and \$12.50 per 100. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

VINCAS. 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock, C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Catalogs or catalog covers. Get our prices. Write for a copy of our 80-page stock catalog for nurserymen. Gillies Litho. & Printing Co., Rochester, N. Y.

MISCELLANEOUS.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Perennials for cuttings. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Boiler flues, cleaned and trimmed. Also Stuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

The "Tipper" Cleaners, for cleaning flower, garden and field seeds. A. T. Ferrell & Co., Saginaw, W. S., Mich.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c. postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschel Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 500 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

CYCLONE INSURANCE.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine. \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$1.50 per gal. Aphine Manufacturing Co., Madison, N. J.

PERFECTION BRAND INSECTICIDES AND DISINFECTANTS. Write for prices. Perfection Chemical Co., Flushing, N. Y.

Nikoteen, for spring spraying: Aphis Pank, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset dower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway. Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

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After using all other makes, Florists prefer our

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because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

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Steam and
Hot Water

See Our Catalogue.

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VAUGHAN'S
PERFECTION
SIZE 2½
SIZE 2
POINT

No. 2. Large single thick glass.

No. 2½. Double thick.

No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.

No. 2½ (1½) per 1000 60c, 5000 at 55c.

Vaughan's Seed Store, Chicago, New York

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Nassau County Horticultural Society.

The regular meeting of the Nassau County Horticultural Society was held in Glen Cove, June 14. President James McDonald in the chair, and there was a large attendance. Secretary Gibson read a number of letters offering prizes for the coming autumn exhibition. The prize list is already a large one and the schedules which the executive committee are now working on are sure to be very complete.

The exhibits of the evening were judged by George Gilder, Joseph Adler and Thomas Twigg, and they awarded first prize to Harry Goodband for a vase of flowering shrubs and to James McCarthy for 12 pods of peas. It was decided to hold a sweet pea exhibition in July and the executive committee was instructed to draw up a schedule and to make full arrangements for same.

James De Vyner, entomologist, of Mount Vernon, gave a lecture on "The Hickory Bark Beetle and the Means of Controlling Same." The lecture was full of practical information and proved to be very interesting and instructive. In connection with his talk Mr. De Vyner exhibited some hickory wood that had been infested with the beetle and also some specimens of the insect in its various stages of life from the larvae to the adult. At the conclusion of the lecture the speaker was questioned at considerable length in regard to various points which he had brought out. The essay received from the National Association of Gardeners was "The Preparation of Ground For and General Treatment of Hardy Perennials," by H. E. Downer. The paper was ably written and was most favorably received by the members present.

The annual rose show of the society was held at the Nassau Country Club, Glen Cove, June 16. Despite the lateness of the season, there was a large and splendid display of roses, herbaceous flowers, annuals and vegetables. Unfortunately none of the hybrid perpetual roses were open at that date so the rose section was comprised entirely of teas and hybrid teas. Of these, however, there was a large assortment of the very finest quality, the newer varieties and novelties, as well as the old favorite being well represented. In this section, Harold Pratt (Frank Johnson, Gr.), reigned su-

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Cast Iron Boilers—
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Honest Ratings, Safety,
Quick Heat, No Boiler Pits,
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Kroeschell Boiler—Half the Coal and
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Your No. 13 Boiler is carrying 25,000 sq. ft. of glass, and I can keep it at 60° in the coldest weather without any trouble. I have three cast iron boilers also, heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler only takes half the coal and half the work to get the same results.

J. G. FRISZ, Vincennes, Ind.

Kroeschell Boiler Better Than Tubular Boilers or Cast Iron Boilers.

Washington Court House, Ohio.
Have used upright boiler, tubular boiler and cast iron boiler. The Kroeschell Boiler heats up better and easier than any other boiler we have ever had anything to do with. If we ever buy another, it will certainly be a Kroeschell.

Very truly yours,

POOLE & PURLANT.

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"THE BOILER OF UNEQUALLED FUEL ECONOMY"

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Of Best Grade and Workmanship
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Greenhouse Material

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Cast Iron Gutters, and other greenhouse necessities give satisfaction and bring repeat orders because they are designed and built by men who know the particular conditions necessary.

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preme, capturing first prize for every rose class that was competed for.

In the competitive section the principal exhibitors were Harold Pratt, Herbert Pratt (Henry Gaut, Gr.); John Pratt (John Everett, Gr.); S. D. Brewster (Harry Goodband, Gr.), and W. E. Kimball (James McCarthy, Gr.). The prize for the best collection of outdoor flowers was won by Herbert Pratt with W. E. Kimball second. Best collection of annuals—W. E. Kimball, 1st; S. D. Brewster, 2nd. Best collection of vegetables—W. R. Coe (Joseph Robinson, Gr.), 1st; Percy Chubb (Robert Jones, Gr.), 2nd. Best table decoration—Harvey Ladew (Joseph Adler, Gr.). There were some very fine exhibits made in the non-competitive section, also the main exhibitors here being Mrs. H. Whitney (Samuel Trepass, Gr.); C. F. Cartledge (Wm. Noonan, Gr.) and Mrs. J. C. Ayre (W. C. Jones, Gr.). C. F. Cartledge staged a fine collection of outdoor flowers, containing 38 varieties which was awarded a certificate of culture. The judges of the exhibition were James Holloway, William Gray and George Ashworth.

JAMES MCCARTHY, Cor. Sec'y.

Lenox County Horticultural Society.

There was a good attendance at the monthly meeting of above society, June 14. An alteration in the schedule of forthcoming show was adopted, Class 40 to read, sweet peas, any bi-color, instead of any marbled or mottled. A paper entitled, "Horticulture as a Profession from the Standpoint of the Gardener" was read and well discussed. In spite of an early date and a very late season, there is every promise of a good show, June 28-29. The Garden Club of America is making this the occasion of their visit to Lenox. Many valuable cups and prizes are offered for sweet peas, etc., and a special feature will be a non-competitive display of orchids from A. N. Cooley, of Pittsfield, Mass. A large floor space has been reserved for this exhibit, and those who saw his fine display at the last fall show, and his first prize group at the New York spring show, should not miss seeing this display. Mr. Cooley is constantly adding many new and rare varieties to his already extensive collection, and if not already so, it will not be long before it will take its place beside any private collection in America. The next meeting of the society will be held July 12.

J. FRAMPTON, Asst. Sec'y.

NEW BEDFORD, MASS.—A. B. Hathaway has sold his greenhouses on account of ill health. The purchaser has leased them to Wm. E. Mosher.



Use EVANS' Challenge Vent Machine

Write for catalog.

JOHN A. EVANS CO.,
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 For particulars write

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We find it very satisfactory. J. L. DILLON, Can't get along without them. J. L. JOHNSON, 1000 for 35c; 3000 for \$1.00

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Made of heavy cardboard with opening that will slip over ordinary coat button—no strings. Badge is three inches in diameter. For conventions, picnics, etc. Samples free.

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Model Extension Carnation Support.

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed
IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

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ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

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As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

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For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.
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Moninger Conservatories For Henry Ford



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EVERYTHING FOR THE GREENHOUSE



Massachusetts Agricultural College.

The department of floriculture is closing up its work for the college year. With the reorganization of the work and the addition of new courses, the department has been able to carry on its professional duties better than in the past. In order that the students may have practical experience to supplement the professional courses given by the college, the department endeavors to place men on private estates and commercial places during the summer vacation. This year the department has been able to place 14 men for the summer work. Prof. A. H. Nehrling, head of the department, is to be married on June 29 at South Bend, Ind. He and his bride will go to Colorado on their wedding trip.

A. S. Thurston, assistant in the department, is to teach the courses in floriculture to be given in the summer school. Under his direction the perennial garden has been enlarged and quite a number of new plants have been added. The garden at present includes a very representative collection of herbaceous perennials, about 3,000 plants representing 450 species and varieties. The perennials are planted in large beds, each genus and species being correctly labeled. Although the garden is not planted for effect, but for educational purposes, it makes a very effective showing with its variety and succession of bloom against the background of green furnished by the wide grass walks.

RICHMOND, VA.—Fritz Sitterding has purchased the stock and fixtures of the bankrupt Ratcliffe & Tanner Floral Co. The establishment will be enlarged and the houses, 14 in number, will be improved.

GREENHOUSE GLASS

We are the largest manufacturers of Greenhouse Glass west of the Mississippi River and carry at all times an adequate stock to enable us to make immediate shipment of your requirements. Our glass is heavy in thickness, well flattened and annealed, and especially manufactured for greenhouse purposes. Write us for prices.

Okmulgee Window Glass Co., Okmulgee, Okla.

Mention the American Florist when writing



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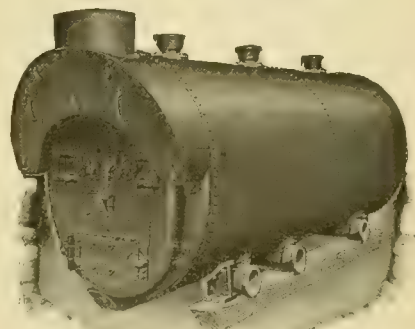
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Traps may be baited with stale beer, milk or molasses and water contained in a shallow bucket cover placed beneath the trap. The destruction of the flies is best accomplished by immersing the trap in hot water, or still better by placing a few live coals in a pan on the ground and scattering sulphur over them.

Fredericton, N. B.

The weather has been generally cool although free from frost, which is not unusual here in June. There has been more than sufficient rainfall and vegetables are rather overgrown. Bright warm weather would be of considerable benefit right now. Funeral work has been plentiful and about the usual demand for bouquets for weddings. The war does not seem to have any great effect upon trade except to increase prices. The demand for veranda boxes and hanging baskets is on the increase.

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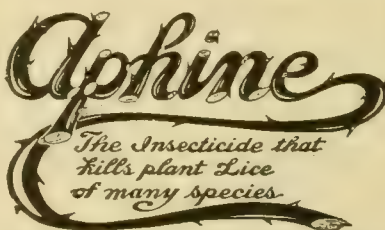


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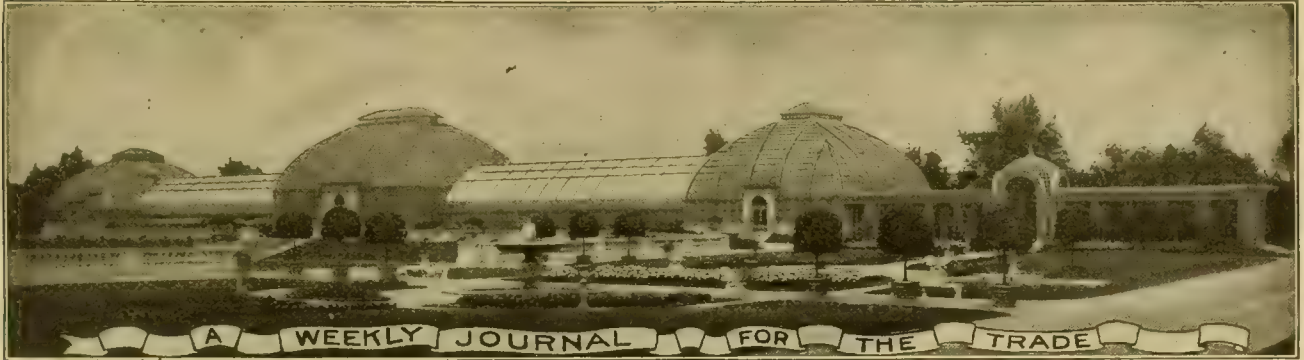
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Vol. XLVI.

CHICAGO AND NEW YORK, JULY 1, 1916.

No. 1465

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Ithaca, N. Y., June 22.

Cornell Test Garden Inspection.

A joint meeting of the American Rose Society and the Syracuse Rose Society was held at Ithaca, N. Y., June 22, the purpose being the inspection of the rose test garden at Cornell University. After a superabundance of rain for several days preceding the meeting, the weather-man changed his tactics and provided excellent weather for the occasion. This not only brought a larger number of varieties into bloom at the last minute, but also induced a larger number of members of the Syracuse society to come to inspect the garden, about 60 making the trip to Ithaca by automobile. After a picnic dinner in the grove on the campus of the New York State College of Agriculture, the visitors proceeded to the rose garden, which is located at Craig Field, the trial grounds of the department of floriculture of the college. Here the enthusiasts from Syracuse were met by the members of the American Rose Society.

The rose garden at present consists of 120 beds, each having space for from 18 to 24 plants. The climbers are grown on a fence and on an arbor of cedar trees, which will eventually surround the garden. Dr. A. C. Beal, who has charge of the garden, provided each visitor with a complete list of the varieties that are being grown. After spending some time in inspecting the roses, the party gathered in the center of the garden for a group photograph and to hear a few remarks from President S. S. Pennock, Robert Pyle, Dr. E. M. Mills, and Dr. A. C. Beal. President Pennock spoke especially of his experiences with rose-bugs; he had supposed the only method of eradicating them was by hand-picking until he was told by a friend to plant Magnolia macrophylla. He now finds that the bugs will desert the roses for the magnolia, the large cup-like blooms of the latter being literally filled with the bugs. Robert Pyle complimented the Syracuse society on being the largest local rose organization in the country.

Besides the roses the visitors also had an opportunity to see the large collections of peonies and irises which were in fine condition.

MEETING OF THE SOCIETY.

The meeting of the American Rose Society was held in the office of Professor E. A. White, President Pennock being in the chair. He read letters from Portland, Ore., and Tacoma, Wash., asking for the establishment of a rose test garden in each of these cities. J. E. Curry, who has been most instrumental in advocating Portland as the official city for the rose garden in the Pacific northwest, promised the co-operation of the city in maintenance and in awarding medals, as well as in increasing the membership of the American Rose Society by forming an auxiliary division in Portland. Dr. Beal introduced a resolution to appoint Mr. Curry with power to choose a committee for the establishment of a rose garden at Portland.

Secretary Benjamin Hammond announced that there are now 400 members of the society, 150 members having joined since March 1. President Pennock suggested a broader distribution of the rose annual, as it contains the best material available on roses. It was suggested that a number of the western rose societies be written regarding membership and the annuals. It was decided that a meeting of the Cornell test garden committee shall be held in about a week, at which time determination of hardiness and correct nomenclature will be considered.

Dr. Beal brought up the subject of the importance of knowing the variation which would occur in the vigor of the varieties when grafted or grown on their own roots. Professor F. L. Mulford, a member of the national rose garden committee at Arlington, mentioned that a propagator is to be employed by them; it may then be possible for the Arlington garden to be a center for the propagation of varieties upon various stocks, these to be distributed to the other gardens.

Professor Mulford asked for information regarding the establishment of rose societies. He spoke of the difficulty of inexperienced leaders in formulating the best rules for organization and exhibitions by such societies, especially concerning schedules of prizes. A motion was then passed that a committee of five be appointed to arrange a set of rules and a tentative schedule of prizes for amateur shows. This committee is to report at the autumn meeting of the executive committee, their recommendation as adopted to be published in the annual. The committee was appointed as follows: Dr. A. C. Beal, chairman; Professor David Lumsden, Dr. E. M. Mills, J. H. Dunlop, and J. E. Curry.

The following registered at the rose garden:

Augur, T. B., Brooklyn.
 Ayling, Mr. and Mrs. H., Syracuse.
 Bahret, H. G., Poughkeepsie.
 Balldon, J. K., Marlboro.
 Bailey, Frances, Syracuse.
 Bickle, Mrs. Charles E., Syracuse.
 Blanding, Freeman A., Syracuse.
 Brenner, J., Brooklyn.
 Brooks, A. H., Monroe.
 Brooks, Mrs. C. H., Syracuse.
 Brow, Mr. and Mrs. F. W., Syracuse.
 Brow, Frank, Syracuse.
 Buell, L. M., Syracuse.
 Bull, E., Poughkeepsie.
 Card, C. W., Ithaca.
 Chien, C. L., Chikiang, China.
 Condon, Mrs. D. K., Syracuse.
 Congdon, Mr. and Mrs. C. S.
 Coon, Dr. and Mrs. C. E.
 Dunning, D. M., Auburn.
 Ely, Mrs. Eugene, Ithaca.
 Galloway, Dean B. T., Ithaca.
 Garrett, Clara, Ithaca.
 Gershey, A. M., New York City.
 Goulding, Mr. and Mrs. W. B., Syracuse.
 Green, Albert O., Brooklyn.
 Gross, Lele, Ithaca.
 Hammond, Benjamin, Beacon.
 Heacock, Joseph, Wyncote, Pa.
 Hofer, A., Elmira.
 Hoffman, H. H., Elmira.
 Hottes, Alfred C., Ithaca.
 Howgate, H. O., Greenwich, Conn.
 Knappeburger, Max, Syracuse.
 Koch, Miss C. E., Gowanda.
 Kullmer, C. J., Syracuse.
 Landmann, Miss Margaretta, Oradell, N. J.
 Layta, Mrs. E. G., Syracuse.
 Lewis, Dr. and Mrs. G. G., Syracuse.
 Lucas, Florence.
 Lumsden, Prof. David, Ithaca.
 Massey, Dr. L. M., Ithaca.
 Merrill, W. and family, Syracuse.
 Merritt, Mr. and Mrs. H. W.
 Mills, Dr. E. M., Syracuse.
 Minns, Miss Lua A., Ithaca.
 Morgan, D. S., Uniontown, Pa.
 Mott, W. T., Syracuse.
 Mulford, Prof. F. L., Washington, D. C.
 Pennock, S. S., Philadelphia, Pa.
 Putney, C. M., Ithaca.
 Pyle, Robert, West Grove, Pa.
 Reichle, R. C. A., South Orange, N. J.
 Ries, Victor, Ithaca.
 Snow, Mrs. Henry, Syracuse.
 Stall, E. B., Oxford, Miss.
 Steelman, L. W., Cincinnati, Ohio.
 Strong, H. H., Sherman.
 Talbott, Mrs. J., Syracuse.
 Tarbell, George S., Ithaca.
 Thayer, Clark L., Ithaca.
 Thorpe, Mr. and Mrs. G. E., Syracuse.
 Van Deman, Ruth, Ithaca.
 Volz, Emil C., Ithaca.
 Ward, Mrs. James, Syracuse.
 Weiler, A. A., Syracuse.
 Weller, Louisa H., Syracuse.
 Wells, N. M., Baldwinsville.
 White, Prof. E. A., Ithaca.
 Wilford, E. J., Ithaca.
 Wille, C., New York City.
 Winter, Geo., Syracuse.
 Wong, C., Canton, China.

Queen Poppy.

Her kingdom is the countryside.
 Her throne the yellow corn;
 Her jewels are the pearls that hide
 Among the grass at morn.

The merry lark her minstrel rare,
 The wind her herald strong;
 Her maids of honor, passing fair,
 The nodding clover throng.

She holds her court upon the bill,
 In green and crimson dress;
 When winter reigns she haunts it still,
 With memories of rest.
 —J. A. Middleton, in Pearson's Magazine.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Tumbler Basket.

These miniature baskets, that are filled to sell at from one dollar to one dollar and a half, have become very popular, with all stores carrying a line more or less elaborate, depending on their trade and location. A very fair size in a number of patterns or designs can be purchased at from \$8 to



Art Floral Co.'s Exhibit at the San Francisco Sweet Pea Show.

See Issue of June 24, Page 1179.

\$12 a hundred; these generally have to be fitted with tumblers by the purchaser, which costs two to three cents additional. A paraffined pasteboard cup, water-proof and quite strong, costs less than the glasses, but is not so lasting. Of late, a small wooden tub with a twig handle has been introduced and this, when painted, is complete in itself, as it holds water, needing no inside container.

When flowers are plentiful, these baskets can be filled at a total cost over all of from 35 cents or less, up to 50 cents. When short roses can be bought for \$5 per thousand and other flowers at correspondingly low prices, special sales of these baskets can be arranged, offering splendid value to the customer and yet showing a good profit. Aside from the flowers, the art in their arrangement should be a great factor in the sale of these miniature

flower holders. Pink roses in a blue basket, tied with a knot of blue ribbon, is very effective. Some very tiny baskets or pieces of bric-a-brac, filled with the pink or yellow Sweetheart roses, are sure to attract attention and will generally bring good prices.

It is not just what the flowers and the basket cost that should alone be considered in fixing the price—the manipulation, the work of the artists, presents a picture or creation that is striking and original, the color effects are out of the ordinary yet beautiful. A combination of large flowers with smaller blossoms is effective; in fact, almost any kind of basket can, with ordinary every day stock, such as the market affords, become in the hands of the artist, a very attractive example of the florist's art. Business sense, combined with the artistic, is essential. There are often enough flowers in two baskets to fill a third, and all three are better for the change.

When trade is dull and stock begins to accumulate, it is a good time to use up the surplus in tasty arrangements of this kind and keep things moving. Any effort along these lines is to be commended, and such measures of success as may be achieved are steps to greater efficiency in the management of the business.

One of the most successful stores in the handling of the popular priced dollar basket, is the Century Flower shop of H. H. Battles, Philadelphia, Pa., where there are probably more than a thousand of these baskets in assortment suspended from arches next the ceiling, while the window is often filled with a number of them tastefully arranged, and from the numerous placards there is no doubt as to the price. A table near the front of the store is never without an assortment of these in pretty color combinations, which appeal to flower buyers on account of their natural arrangement without wires and the fact that all the stems are in water.

A great aid to the sale in a display of work of this character is a priced card. Some of the trade think their establishments too high class to conspicuously price anything, but the greater majority of flower stores will find the price card a drawing proposition, a silent salesman, always on duty, obtaining here and there a customer that would otherwise have been lost. Take a look into the windows of all kinds of stores in the shopping district of any of the large cities and notice how general the custom of attaching price marks to the goods displayed has become. The temptation to stop and read a notice calling attention to the window display is very compelling. One stops to see, another is attracted, and in this way on any thronged thoroughfare, the interest is kept up all day long. K.

PRINCETON, IND.—Princeton Gardens, established by W. J. Ritterskamp, were sold at a receiver's sale, May 29, to O. M. Gilbert of Clinton, Ind. The consideration was \$21,000.

NEW YORK.—Maurice Fuld, for a number of years with the Knight & Struck Co. of this city, has opened an office in the Brokaw building.

GREENVILLE, MICH.—The Greenville Floral Co. has added six acres of land to its establishment and is building an addition. The company was recently reorganized and capitalized for \$40,000.

FLORISTS' PALMS.

Preparing For Another Season.

With the possible exception of the June weddings it may be said that the decorating season has come to a close, and it has doubtless been a good period of business for the majority of the trade, money having been plentiful in all the great centers of trade, and under such conditions the florist will naturally get some share of the general prosperity.

But with the close of the season there comes that general clean-up and overhauling of the stock that is found necessary in every well-kept establishment, and the palm stock in particular, is likely to be much in need of reorganization, for the rough handling and exposure to which the plants have been subjected during the season has left its mark, and some of the palms may only be fit for the dump, while others require a thorough cleaning, a repotting, and then some extra cultural care in order to induce enough growth during the summer to make them presentable for the following season.

The first thing to do with such plants is to trim them up, cutting off any leaves that are beyond repair, and using a sharp pair of shears to remove the dead ends of the leaflets, after which the plants should be cleaned of all insects, for these pests have only been kept under in a measure by the syringing of the past months, and even that measure of cleanliness may have been irregularly applied during the busy season. The stems and leafstalks should be thoroughly gone over in addition to the leaves, and it is good practice to finally give the entire plant a dipping in soap solution, using whale-oil soap in the proportion of one ounce of soap dissolved in one gallon of water.

After the cleaning comes the potting, or tubbing, as the case may be, and in order to keep the tubs down to a convenient size, it may be necessary to wash out some of the old soil from among the roots, this method removing the soil without injury to the roots. Use some drainage material in the bottom of the tubs, either broken pots or clean cinders, and repot firmly, using a rammer to work the soil down. Then place the plants in a shaded greenhouse, water thoroughly, syringe every bright day, and if the weather is very drying, a second light spraying would be beneficial in the afternoon during the first month or six weeks after potting.

During this period it is best not to air the house too freely, a sunheat temperature of 90° in the middle of the day doing no harm to the plants, the object being to get the roots in action and thus to get some new foliage to cover the deficiencies of the plants for there will be time enough to harden off the growth in September, and thus to get the stock in usable condition by the time it is needed. It is not an unheard of operation to prune the roots of large palms for greater convenience in repotting, but this requires some judgment on the part of the operator, and we do not therefore, recommend it to the inexperienced grower.

Young stock that is being grown on will also require attention in the matter of shading, for the first coat of shad-

ing is liable to grow thin under the beating of heavy showers, and while excessive shading will cause a spindly growth, yet there is a happy medium that the welfare of the plants demands.

This young stock should also have plenty of ventilation during the hot weather, and vigorous syringing with a good pressure of water in order to discourage the attacks of thrips and red spiders, both of which insects are liable to spread very rapidly at this season of the year unless checked by the watchfulness of the grower. Any young stock in need of a shift should have prompt attention, and also be given space enough to make a sturdy growth, while seedlings of any palms that may still be in seed pots or flats, should be potted off into 2 inch pots before they get too large, as in the latter case the roots are quite likely to suffer injury in the operation of potting.

At midsummer, all palm houses are liable to be hot, and not specially comfortable to work in, but it may be worth remarking that kentias, latanias and rhapsis, among the more common commercial species, form a group that should be kept somewhat cooler by

purpose, but also very satisfactory, provided that the owners will see that they get water enough, and is noted at this time with a view to again calling attention to their use for such a purpose, for a tasty arrangement of this character gives a tropical touch to a porch box that is not at all out of place in our climate.

The Peony.

Paper by B. F. Barr, Wyomissing, Pa., read before the Lancaster County Florists' Club, June 15, 1916.

Every one loves the peony. Many that recall the enthusiasm of their grandmothers over the old garden "pineys," may well imagine the raptures if those old people were brought in contact with the splendid varieties of to-day. The old fashioned "piney," *Peony officinalis*, a native of southern Europe, is rich in color, but of small size, fleeting duration and offensive odor. The early history of this flower extends back many centuries, intricately woven with a haze of superstition, allegory and myth.

In China, it is said, the tree peony has been the chief pride and glory for 1,400 years. Prized by emperors for



TUMBLER BASKET OF MRS. WARD ROSES AND YELLOW SNAPDRAGONS.

free ventilation during the summer, while arecas, cocoses and *Livistona rotundifolia*, also *Phoenix Roebelinii* may be given a closer atmosphere with good results.

The filling of porch boxes, especially those that occupy a partly shaded position, provides an opening for the use of some palms from 5-inch and 6-inch pots, among these being kentias, latanias, *Scaevola elegans*, *Ptychosperma Alexandrae*, and some of the *thrinax* and *chamaerops*. These species are not only very ornamental for such a

the beauty and fragrance of the flowers, for more than a thousand years a record of the new introductions, their characters, qualities and parentage have been kept. The Japanese too are largely instrumental in producing our finest of tree peonies, of which there are now a dozen or more choice varieties in all colors offered for sale. The blooms are large and keep well either on the plant or when cut and placed in water. They should be grown more extensively. They can be propagated from soft wood cuttings, but because

of their slow growth they are usually grafted. Great care must be taken that shoots do not develop from the roots when grafted plants are used, lest the true variety be lost and only a wild sort take its place.

The modern peony is an aristocrat whose birth was among the nobility of France, for it was under the care of M. Jacques, gardener for King Louis Philippe, that some of the first of the fine varieties of to-day were originated. There were also Comte de Cussy, the Prince de Salm Dyck, and Modeste Guerin. Enthusiastic amateurs secured the best varieties from Japan and China about the middle of the last century, and from these began to raise seedlings that have given us some of our present magnificent varieties. M. Jacques' collection was inherited by his nephew, M. Victor Verdier, who raised a number of fine seedlings. Comte De Cussy's collection was inherited by M. Calot, which later passed into the hands of M. Crousse. The Calot-Crousse varieties are noted for their uniform high quality, raising the standard of excellence that has never been surpassed. Another enthusiastic French amateur was M. Mechin, whose grandson, M. A. Dessert, succeeds him and is considered one of the greatest living authorities on peonies. England has also given us many new varieties during the past 25 years. The Kelways, Langport, have been the largest introducers. Unfortunately, in many instances the varieties sent us under English names were duplicates of the French varieties. In America, three amateurs have been especially prominent in the production of new peonies, as follows: John Richardson, Dorchester, Mass.; H. A. Terry, Crescent, Ia., and George H. Hollis, South Weymouth, Mass.

In the propagation of peonies or the raising of seedlings, there is no road to quick results. It takes four to six years before blooms may be had from seed, and from thousands of seedlings, less than one per cent will merit the distinction to justify its introduction as a new variety. It takes many more years to increase the stock by the slow process of division, sufficiently to be able to offer it to the trade. The plants may be divided by three every three or four years. Is it any wonder good new varieties are listed at \$5 to \$25 each. New varieties are mostly introduced by amateurs. The professional florist or nurseryman can scarcely afford to wait so long for results, except where they have been raised for the love for something new and the fascination of watching them grow, which too often is not the chief incentive of the American florist.

By giving you this sketch of the modern peony and those who were foremost in their introduction, you will realize how nearly all of the choice varieties now in commerce were given to us by a few enthusiasts, who were inspired by the beauty of the flower, to which they gave their devotion. It is to be regretted that in this great collection of peonies, contributed from nearly all over the world, containing nearly 3,000 names, there are less than 300 distinct varieties, the other names all being duplicate or inferior varieties that cannot be traced to any known origin. The nomenclature committee working under the American Peony Society was formed for the purpose of trying to straighten out this tangle and they are succeeding admirably well; for instance, *Edules Suburba*, that splen-

did variety, nearly always in bloom for Memorial day, was masquerading under some 30 different names—a beautiful, fragrant, variety, almost 90 years old; one of the most reliable in spite of the jokes she played on us—not 30 varieties, but one. For 23 successive Junes, I have studied and lived among peonies, but a hundred years is far too short to know them as I would wish. A glance through the various catalogues of today proves the fact that varieties introduced 100 or more years ago are still among the rarest and high priced sorts, due to their slow multiplication and strong demand.

Peonies may be planted any time from August until late in the fall or early spring. September is the best time, however, as they will make a root growth before winter sets in and they will bloom the following spring. Not until the third year after they are planted will they produce perfect flowers. They require less care after planted than any other flower. They will grow and thrive for years without being disturbed. I have seen them grow without any care whatever, but they will abundantly repay good care and nourishment. They should be planted three and a half to four feet apart in good garden soil and be set so as the eyes or crown will be from two to three inches below the surface. Mulch with manure in the fall.

There was a time when the peony was only a common "piney." There are common ones today, but the better varieties of peonies are more in demand every year. They have no competition. No other flower can take their place. They may be used in excellent taste among shrubbery or among other hardy perennials, as single clumps or large beds in the lawn, bordering drives or broad landscape effects, thriving everywhere, whether in full sun or partial shade. As a cut flower nothing is more suitable for

weddings, church decorations and social functions in peony season. Without the peony we would be at a great loss on Memorial day, just as we would be without chrysanthemums at Thanksgiving.

Every florist and amateur should plant more peonies. The larger the collection the better. Secure a collection of 100 or more varieties and you will find in them more real pleasure and satisfaction than you can buy any other way for the small expense involved, say nothing of the joy and inspiration others will derive from them and at the same time encourage the use of more flowers. The peony will never displace other flowers, regardless of how popular they may become, any more than a physician can displace the florist. The public wants a larger variety of flowers, trees, shrubbery, perennials, etc. Every retail florist will bear me out in this assertion.

I will endeavor to name a few of the most popular varieties of which I am familiar: Red and crimson—M. Martin Cohuzae, Cherry Hill, Plutarch, Adolph Rosseau, Decandolle, Rubra Suburba, Mme. Baquet, Edourd Andra, Atrosanguinea, Geo. Washington, Liberty. Pink and rose—Clair Dubois, Mme. Valot, M. Jules Elie, Lamartine, Eugene Verdier, Glorie de Gombault, Lady Beyersford, Lady Lenora Bramwell, Georgianna, Shayloe, Alexander Dumas, Albert Crousse, Cameron, La Coquette, Wilhelmina Souv. de l'Exposition de Lille, Princess Beatrice, *Edules Suburba*, Felix Crousse. White and delicate tinted—Festiva Maxima, Couronne d'Or, Duchess de Nemours, Albatra, Duc de Wellington, La Tulipe, Mme. Calot, Mme. Crousse, Mme. Elle Lemoine, Queen Victoria, Solitaire, Golden Harvest, Marie Lemoine. Most of the above varieties are suitable for cut flowers and a portion of which will bloom early, midseason and late.



SMALL GYPSY BASKET, WITH ZINC LINING, FILLED WITH PHLOX, SNAPDRAGONS AND MRS. WARD ROSES.



COMMODORE JOHN WESTCOTT AND SOME FRIENDS AT HIS WARETOWN CLUBHOUSE ON BARNEGAT BAY, JUNE 24.

Left to Right Standing: J. C. Trainor, J. B. Deamud, Daniel Donohue, J. C. Vaughan, George Craig, George O. Watson.

Seated: D. T. Connor, John Burton, Adam Graham, John Westcott, Robert Craig, John Walker.

With Commodore Westcott at Waretown.

The opening of the Waretown Rod and Gun Club was celebrated with appropriate ceremonies. Friday, June 23. Commodore Westcott appears to be growing younger and was the merriest of the party, making each of his guests feel as if the outing was especially for his benefit. He was particularly pleased to welcome Adam Graham, of Cleveland, O., who appeared equally glad to be able to accept his invitation. J. C. Vaughan, of Chicago, was another delighted visitor. John Walker, of Youngstown, with his good songs and hearty laugh, was also making his first visit. J. B. Deamud, of New York, came on Saturday, and Wm. J. Stewart and John K. M. L. Farquhar of Boston paid a flying visit the same day. In addition to these there was quite a contingent of the Philadelphia craft present. Fishing and delightful sailing on the beautiful Barnegat bay, whose sandy shores encroach at times on the club house lawn, was greatly enjoyed. This broad expanse of water appears almost like the great ocean, the sandy shoals of which are marked by the lighthouse, five miles away. On Saturday evening there was a love feast, letters were read from many who could not attend, all extending kind wishes to the commodore and regretting their inability to be present. Fine speeches and songs enlivened the occasion and a beautiful poem, written

by J. C. Vaughan, was read. A new pool table, a gift from members of the club to the commodore, was one of the features. It was a delightful time, every moment full of things that make life worth living. The commodore appeared the happiest man of the lot. May he live to enjoy many more such happy reunions.

Those present were: John Walker, George C. Watson, George Craig, Robert Craig, J. C. Vaughan, John Westcott, Adam Graham, David Rush, J. Otto Thilow, John Burton, D. T. Connor, J. C. Trainor, D. C. Donohue, J. B. Deamud, Wm. J. Stewart and J. K. M. L. Farquhar.

The accompanying illustration shows the commodore and his happy guests.

K.

Landscape Designing of National Highway

Abstract of an address by Cyrus Kehr delivered before the American Civic Association at Washington, D. C.

With respect to utility this factor is of prime and extreme importance, presenting a new factor in landscape designing, which should receive attention prior to and as a basis for both city "planning" and country "planning." The factor of communication in a city plan must be related with communications between that city and other cities and towns or major centers of communication so geographically located as to make reciprocal communication from one to the other

desirable or imperative. In rural planning, communication is also a prime factor and must be treated simultaneously with other important factors and developed in relation to the main lines of communication leading to distant places. Effort should be made to so work out this problem of national communication as to afford the most direct and convenient communication between neighboring major centers. From the foregoing it becomes apparent that in civic improvement we must make room for a new branch of landscape gardening.

In connection with location there is here an opportunity for landscape designing on a large scale. It should be sought to present the largest number of the best possible landscape pictures, so that traversing the road will, in this respect, be superior to visiting an art gallery. Some of these pictures should be at short range, while others cover ample distances, and in others there should be an emphasis of height or depth. In many places proper grade and distance can be had by adopting either of two locations, one presenting ordinary scenery and the other some splendid picture. The latter should be chosen. In nearly all portions of the United States nature has lavishly provided material for this kind of designing. If this opportunity is properly appreciated, splendid results constituting immense assets for our country will follow. Failure in this respect

will involve an enormous aggregate loss.

Both for utility and dignity, the right of way of the highway unit should be at least 100 feet wide, in order that at present and in the future there may be room for a roadway of ample width for easy travel in both directions and in order that cuts and fills may be freely treated without interfering with adjacent private lands and in order that there may be spaces at the sides of the roadway to be occupied by trees, shrubs, vines, and grass. Wherever there are spaces suitable for this purpose, trees, shrubs and vines already on the right of way should be protected, and there should

can depend on Nashville, Memphis and Chattanooga for at least one member from each firm. We are putting forth every effort to make it the largest and best convention in the history of the society. Chas. A. Moss, state vice-president of South Carolina, was with me a few days ago and says he will have everybody in line.—CHAS. L. BAUM.

DALLAS, TEX.—You may safely expect three-fourths of the florists in northern Texas. Personally I would like to see every employer of store or greenhouse send his best help. All of our employes are given two weeks' vacation at full pay and most of them will arrange their vacations to attend

Texas to be in attendance at Houston. We are expecting a great time and it will be a pleasure to meet our fellow craftsmen from all parts of the country.—H. O. HANNAH.

EL PASO, TEX.—Florists here are taking a lively interest in the convention and from present indications there will be a good representation from this section.—H. L. PORTER.

ALVIN, TEX.—I believe everyone in the trade in any way interested will be there. We intend to make use of the opportunity this convention offers.—J. W. CARLISLE & SON.

TRADE EXHIBIT RESERVATIONS OPEN.

Secretary Young is now prepared to receive reservations for space in the trade section at the convention. On no previous occasion have so many southern florists assembled in one body, and without question now is the time for a display of your goods to get them before the florists of this section at a very nominal cost. At the last two state conventions there was a representation of about 125 Texas florists and at the coming convention of the S. A. F. we expect the attendance from within the state will be at least 200. In addition to this number it is anticipated that there will be 300 to 400 florists from other points in the south. This alone is worth an exhibit at the Houston convention, aside from the fact that there has never been a convention held in that city which has received so much publicity, and 1,000 visitors are confidently expected to be on hand. Do not miss this opportunity. Send your reservations for space in the trade section to Secretary John Young, 53 West 28th street, New York, at once and get the best space, as indications are that the hall will be crowded to the limit.

R. C. KERR,
Vice-President, S. A. F.

WEBSTER, IA.—Four new houses are being erected by E. D. Curtis.

HIGHTSTOWN, N. J.—The Wilson Peer range has been purchased by John B. Braun. Three acres of land are included in the transfer.

SHARON, PA.—The greenhouses of M. O'Brien, among the largest in this section, have been taken over by Lohr Bros., who have been in the business at Ottawa, Ill., for 20 years.



ROTONS AND FANCY LEAVED CALADIUMS IN HOUSTON CONVENTION GARDEN.

be additional planting, care being exercised to select species best suited to utility and art. In this way these highway units may be made practical lessons in forestry conservation and in beautification. This feature may be augmented by adding to the right of way small pieces or fragments of land which have special beauty on account of topography, water, and plant growth.

Houston Convention Interest Grows.

Interest in the convention of the Society of American Florists which will be held at Houston, Tex., August 15-17, becomes more keen as the date draws near. The local florists are sparing nothing to make the visit of the craft to the south one of interest and pleasure, and from New Orleans and other points the invitation is heralded "Stop off en route—we want you to be our guests."

Vice-President Robert C. Kerr has been an indefatigable worker for the success of the coming meeting and communications he has received are most gratifying and point to assured success. The convention garden is being watched with especial interest in the developments of many items, which it is believed will prove of value in another growing season. Among a number of letters received by Vice-President Kerr, several of them are reproduced in part below.

KNOXVILLE, TENN.—I firmly believe that fully 90 per cent of the southern florists will attend the convention and there will be a larger representation from this state than were ever at a convention before. I think that we

the convention. I expect others will do likewise.—LANG FL. & NURSERY CO.

NASHVILLE, TENN.—We expect to bring at least 90 per cent of the local florists to the convention. You can count on Nashville. If there is anything we can do for you here, do not fail to call on us.—T. H. JOY.

OKLAHOMA CITY, OKLA.—I believe that Houston will see several Oklahoma florists in attendance at the convention. You will find considerable interest will develop from this section.—J. W. FURROW.

SHERMAN, TEX.—You can count on 80 per cent of the trade in this part of



TEXAS STAR IN HOUSTON CONVENTION GARDEN.
Plants Employed are Zinnias in Separate Colors.

ORCHID NOTES.

Watering, Shading and Ventilating.

The three most important things for orchid growers to notice at this season, is to water, shade, and ventilate with due care, in order to be able to cut a good average crop of flowers during the coming fall and winter months.

Cattleya labiata, being first, is now making growths very rapidly and will naturally need lots of water at the roots for some weeks to come, but it is by no means necessary to syringe

often do. These, of course, need sufficient water to finish properly, otherwise the majority make new bulbs at the beginning of the year.

Oncidium varicosum, a useful species, is now making good growth, but water sparingly till the new bulbs are well formed, or many promising leads will rot off. The same may be said of *O. splendidum*, only this variety must have much warmer treatment than *O. varicosum*.

Dendrobium Wardianum is developing its new bulbs and will need abundance of water at the roots. This species is subject to red spider, and requires looking after by frequent syringings on the under side of the

leaves. Shading is now necessary for all orchids, but at no time should it be put on too heavy. A light shading of some description put on the glass is needed from April until the middle of May; then something heavier must be applied. If roller blinds are used they will be needed now in the middle of the day. In any case for safety, a light shade painted on the glass underneath the blinds will be found very advantageous, for it often makes too sudden a change for the benefit of the plants to have to drop and take up the blinds suddenly. On houses where permanent shading is used only, a heavier application will now be necessary.

Ventilating needs most careful attention and must be put on and taken off with much care and judgment for the best results; also, from an economical way of looking at it, especially in places where there is plenty of work and not much help allowed. No good can come by leaving all available ventilation open on a hot windy day to dry up things in the houses, making it necessary to water the plants more frequently which all takes time. It is only reasonable to suppose that it is better to let the plants dry out gradually by reducing the ventilation on such days, and certainly more natural. If possible, avoid a stuffy atmosphere at all times, both night and day, and at the same time keep from any unreasonable dryness.

C. Y. PRIPEDÉ.

Cold Storage for Narcissi.

ED. AMERICAN FLORIST:

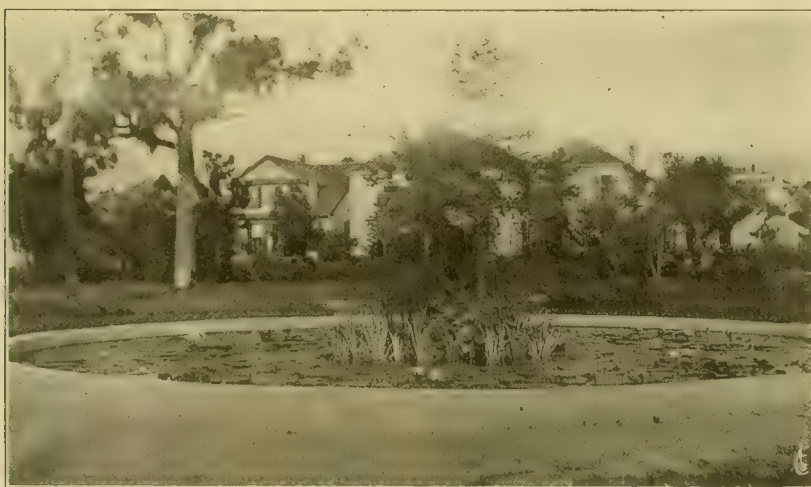
Can Paper White narcissi be kept in cold storage and at what temperature?

H. H.

These bulbs are kept by dealers in ordinary warehouses until January 1, without injury. It is understood, however, that they can be held longer in cold storage if kept dry with a temperature of 40 degrees.

ROCHESTER, N. Y.—An iron-frame house to cost \$1,200 will be erected by Frank Lavigne at Frank and Costar streets.

KEWANEE, ILL.—Hamilton & Plummer are erecting a rose house, 20x150 feet.



DREER'S AQUATICS IN HOUSTON CONVENTION GARDEN.

them heavily every day. Far better results are obtained by giving the plants a thorough watering two or three times a week, taking care to let the compost on most of the plants look and feel dry before the next application. It is well to make a study of the out-door atmospheric weather conditions, so that if at any time the grower is in doubt as to whether the plants need water, pass them by till the next day for no harm can be done, but often this will be of much benefit to the plants and perhaps more refreshing.

C. Percivaliana and *C. Trianae* are next to commence making growth, and will enjoy the same treatment; as the bulbs become strong increase the water supply also. *C. Mossiae*, *C. Warnerii* and *C. Mendelii* will soon pass out of bloom, and it is wise to rest them slightly by keeping them on the dry side for a few weeks. This causes them to break away strongly, and as soon as new roots protrude from the base of the new growth, any plants that need repotting ought to be attended too at this time.

C. Gigas and *C. Gaskelliana* are now approaching their blooming period and need an abundance of water at the root. These two varieties differ somewhat from the three preceding kinds, for they commence to send out roots from the base of the bulbs just flowered or made up. They therefore require any necessary potting as soon as these new roots appear, but at the same time must only have enough water to keep the bulbs plump for several months, unless some plants commence growth prematurely, which they

leaves, using considerable force of water for this purpose. It is by no means necessary to grow this *dendrobium* with so much heat and moisture as is often advocated; cooler treatment and plenty of air produce better results.

D. nobile and its many hybrids are now growing fast. A position in the *cattleya* house and given the same treatment as those plants, suits them well during the summer, but as the new growths become matured, make provision to hang this species in some dry cool house near the roof glass.



SUPT. BROCK AND VICE-PRESIDENT KERR INSPECTING WORK IN THE HOUSTON CONVENTION GARDEN.

WITH THE GROWERS

R. Vincent Jr. & Sons Co., White Marsh.

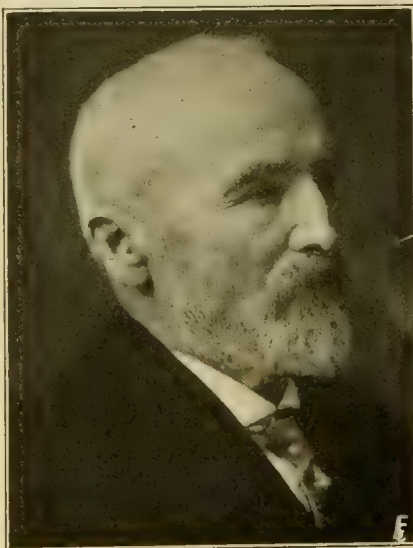
This is a progressive firm that grows plants economically and on a large scale. Located at White Marsh, Md., 12 miles north of Baltimore, on a farm of about 300 acres, with over 300,000 feet of glass, they turn out plants by the million, shipping at all seasons of the year. At one time they grew quantities of vegetable plants in the greenhouses, which were shipped first to the south, and then followed the season north up into Canada. These are now only grown outside, but in large quantities, cabbage plants being seen by the acre. There is a great demand for this stock, many truckers and seed stores depending on this firm for their supply. Their output last season was over four million plants.

The specialties here are geraniums, cannas, dahlias and hardy chrysanthemums. Quite a variety of other bedding plants are also grown. Here is to be found the largest collection of dahlias in the country; 80 acres are planted. In what are called the show grounds, a large block are trained to stakes; these are kept disbudded, so as to get very large flowers. Another section of several acres is planted, one long row to a variety. Their collection comprises nearly 400 varieties of which not over 100 are what might be called popular, and possibly only 50 kinds are supplied to the trade for cutting. The planting of these great fields is interesting. A machine called a transplanter has two broad wheels which carry it nicely over the soft ground—two mules furnish the motive power. There is a driver who sits in front and two men who are seated on a low divided platform at the rear that just clears the ground. As the machine is driven slowly along, an opening or trench is made into which the men alternately drop the plants, the soil being drawn in and the trench filled up by the mechanism of the machine as it moves along. Two men set out 16,000 plants a day. This is a great time saver. A traction engine for ploughing and harrowing the ground is another up-to-date piece of farm machinery that had been found very efficient. These two appliances are both great savers of time and labor.

Geraniums are grown here by the million. There are six large houses given over to stock plants, which are kept in for about two years; 350,000 plants are in this section and they were a blaze of color, having great strength and vigor. When asked about insects, Mr. Vincent said they did not bother the geraniums; they take cuttings all the year around and clean up all the old and yellow leaves as they go along. Cuttings are put in 2-inch pots of soil, where they take root without trouble. Plants rooted now, make good stock for fall delivery. Dahlias are handled in the same way, the cuttings being put right into pots of soil. No rooted cuttings are sold here—all plants are from pots. The canna is another plant that is grown in quantity, over 400,000 being sent out this season. Twelve acres of cannas are grown for stock.

There is a very large packing shed and storage house, to which all the

greenhouses are attached by underground passages, which give communication during winter without going out of doors. A wheelbarrow with a platform large enough for three trays or carrying boxes, used for selecting and carrying orders, is found a great convenience. A spring under the platform takes up the jolts. A full load is 200 pots of the 2-inch or 100 threes. In one of the 185 foot houses is an English ivy which is growing on the rear stone wall and extends the full length of the house; this is used for cuttings. Lantanas are among the minor bedding plants, yet 100,000 were sent out last season. A correct and tabulated list of each variety of plant sent out is made, so as to keep track of the demand. Plants from pots to the number of 194,934 were sent out during the week ending



John Cook, Baltimore, Md.

May 20, 129,000 of which were bedding plants. About 4,000,000 plants were sent out last year.

This firm's collection of geraniums is the largest in the country. Edmond Blanc is a splendid cerise red, Mrs. Lawrence a fine light pink, which is useful as a pot plant. Mme. Reclamer is the best white. All the new ones from home and abroad are given a trial here. Among them are found many meritorious varieties. The three popular sorts are Beaute Poitevine, Alphonse Ricard, and S. A. Nutt. Of these they grow more than all the other varieties put together. A large business in dahlia roots is done in November and December; cuttings are taken from January on for spring delivery. Chrysanthemums are handled in very large quantities, mostly the hardy pompons and other popular sorts.

The business, which has grown to such magnitude, was started by Richard Vincent, Jr., in 1871; his three sons, Richard A., Thomas A. and John S. are now members of the firm, each managing a department. Here is found a splendid example of what can be accomplished along special lines, furnishing a supply from which the trade can at all times draw in almost any quantity.

John Cook, Veteran Rose Hybridizer.

Novelty is the mainspring of business. The first question asked a salesman is—What have you new? When the eagerly awaited catalogue arrives, fresh from the press, with its gorgeous coloring, the pages are quickly scanned for the novelties, the highly colored illustrations accompanied by wonderful descriptions of their good qualities. At the flower shows the wonderful new carnations or roses, of whose values as forcing varieties so much has been said, are at all times the center of attraction, which, as they come up to the expectation of the practical grower, may be given a trial or let severely alone. In the past 10 years the forcing rose has taken a great stride forward, and many new sorts have been introduced, quite a number of which have been of American origin—real "made in America" varieties that have proven good.

One of the most successful, in fact the chief rose hybridizer of America, is John Cook, of Baltimore, Md., a youth of 83; old perhaps in years, but as energetic, enthusiastic and hopeful of the many pedigreed seedlings that receive his daily care, as many men half his age. It is indeed a great pleasure to visit this great rose veteran at his beautiful estate in the suburbs, where on his lawn are to be seen some of the finest specimen conifers in the country. One Colorado blue spruce stands 20 feet in height, shapely to a degree and perfect in every limb. The same may be said of an Abies Englemanni, a superb specimen. Tall, majestic Norway spruces ornament the driveway, while the tree bordered extensive lawn is brightened with splendid purple beeches. It is an ideal and inspiring spot. Seated on the porch overlooking this beautiful lawn, Mr. Cook spoke reminiscently of his experience in raising new varieties. His Souvenir de Wooten was the first hybrid tea rose raised in this country. George W. Childs was delighted that this rose was named by Mr. Cook in honor of his country seat, as a compliment to his reception given to the Society of American Florists at their convention, held in Philadelphia in 1886. This variety was largely and profitably grown by florists for many years. A prize of \$250, offered by Mr. Durfee, of Washington, for flowers of this rose, was spent at a dinner in Boston at the first meeting there of the Society of American Florists. Robert Craig said it was the most enjoyable social affair of the kind ever held by the craft in this country. It was unanimously decided that the Wooten was red. Mr. Cook came to America from Baden in 1856 and has always kept in touch with the best plant growers and hybridizers of Europe through horticultural magazines and catalogues. He imported largely of the new things that appealed to him, many of which he found profitable. He introduced the Marie Louise violet; a bed of 20 sash netted him in one season in the sale of plants over \$1,400. In roses, Kaiserin Augusta Victoria and La France, two of the greatest bread winners, were first imported, their initial flowers opened, and their value demonstrated on his place. Aside from his standard sorts, he has raised many valuable varieties that for one reason or another, such as too short stems or scarcity of bloom in midwinter, are not forced but make excellent out-door

plants for the garden. His Pan America, is a shy winter bloomer, but a wonder out of doors. A fine double pink with short stems is very profitable for his store trade. A red, which he finds superior to Hoosier Beauty, or any other he has tried, does not seem to do well with other growers. Neither of these as yet bears a name.

Mr. Cook finds that many florists do not appreciate the value of the various light and heavy soils that are best for certain varieties. Temperature is another important factor. My Maryland does best in mid-winter with plenty of heat and Francis Scott Key will produce its best crops with a night temperature of 65°. Cardinal is another that likes a warm clime in mid-winter. Growers should study these important matters in rose forcing, as each variety has its individualities, which must be humored to get the best results.

He considers Radiance one of his best introductions, as in addition to its value as a forcing variety, it has proved to be such a grand rose for the garden, being most floriferous and very hardy. Three very promising novelties, one a white with a showy yellow center and good stem, which he considers a distinct and fine variety, is a cross between Sunburst and Frau Karl Druschki. There is a table full of this in strong growth. The other two are flowering from plants raised from the seedlings of last year. One is a pink Ophelia, a cross between My Maryland and Ophelia, with Maryland the pollen bearer. It is a fine grower with a long pointed bud, Maryland pink in color, more double than Ophelia, but with much of the beautiful waxy texture of this variety. The last of the three is first in his estimation; he believes it to be the finest rose in all respects he has raised so far. It is a beautiful shade of Baroness Rothschild pink, with duotoned petals like La France, in form something between Mock and La France, fragrant, and is borne on a stiff, vigorous stem, well clothed with foliage, E. G. Hill, who saw it growing, wondered at the strength of stem from such a comparatively young plant. One of its strong points is that it is mildew proof. It is a cross between Mrs. Russell, the seed parent, and Frau Karl Druschki, the pollen parent.

A table of about 50 vigorous looking seedlings, all labeled with their pedigree numbers, were getting away nicely and Mr. Cook expects some very good varieties from this lot. First flowers give very little idea of the worth of a variety. His pink Ophelia's first bloom was single, then semi-double and the third, full petaled. There are many other interesting plants. A grape crossed with the European wine variety has for several years shown no sign of blight or mildew; he places great value on this, having been a grape grower all his life and knows what is most needed for this climate.

Mr. Cook rather deprecates the building of the great modern ranges of glass, thinking that growers would enjoy life more without such heavy burdens to carry. The satisfaction of putting something aside for a rainy day is to him much better than investing it all in ventures that may not prove successful.

In addition to those mentioned above he sent out Enchantress, Mrs. Robert Garrett, Marion Dingee and White Maman Cochet. K.

Children Need Farm Conditions.

O. F. Cook, Bureau of Plant Industry, Washington, D. C., in the Journal of Heredity for June, 1916.

Not to be raised on a farm is a cruel privation, a denial of the normal childhood of our race that no previous eugenic precautions or subsequent educational manipulations can make good. Many excellent and very intelligent

In cities the little children have to be sent to the school, the kindergarten, or the day-nursery, to keep them out of danger while the parents are at work or at play, but in the country where the children can be out-of-doors they do not need to be caged. The projection of urban ideas and methods of education into the country makes needless difficulties. The little children



FLORAL DESIGN FOR THE FUNERAL OF THE LATE WM. F. KASTING.
Sent by Ludwig Floral Co., Pittsburgh, Pa. Composed of Carnations, Immortelles, Chenille and Roses

people do not know that children need farm conditions, but it is true nevertheless, and needs to be recognized before we shall have any just or practical appreciation of eugenic or educational values. Many of our educators know how hopeless the urban children are, under the urban conditions, but they are engaged to handle such children and are doing the best they can. The urban problems are pressing and cities pay high salaries to get capable men. The result is that not only our educational institutions, but our educational ideas as well, are being cast almost exclusively in the urban mold, with no recognition of the educational value of rural life. Every year thousands of misguided parents, all over the United States, are moving to towns in order that their children may have the "advantages" of the large graded schools, the over-crowded education-factories where the city children are put through the elaborate machinery that is necessary to handle helpless humanity in large masses. The school is no substitute for the home, much less the city school for the farm home.

not only do not need to be sent to school, but are much better off, educationally and otherwise, if allowed to stay at home. There is no good reason why normal children of normal, intelligent parents living in the country should be sent to school before the eighth or ninth year. Nor is there any reason why any favorably situated country child should go to school for more than six months in the year. Country schools need to be improved in many ways, but running them longer is not an improvement.

It is true, of course, that many children, and especially urban children, are better off at school than at home, but that some children lack favorable home conditions does not make it reasonable to keep others from such an advantage. It would not be argued that all children should be taken away from their parents because some children are orphans, or because some parents are incompetent, careless or cruel. Yet there can be no doubt that this is very frequently the effect of our system, to make children practically orphans by turning them over wholly to the school.

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From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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WIRE contracts for the last quarter of the year are being made at an advance of \$1 per ton.

SOME growers are eliminating commissions to plant jobbers, claiming a number of the latter have demoralized prices by dividing the commissions with their customers.

Correction.

John Young, New York, secretary of the Society of American Florists, was among those who attended the funeral of the late Wm. F. Kasting at Buffalo, N. Y., June 18, his name being inadvertently omitted from the list printed in last week's issue.

THE FOURTH.

On account of the holiday next week, advertisers and correspondents will oblige by mailing copy one day earlier than usual.

The Late Wm. F. Kasting.

Being away from home when Wm. F. Kasting died, the news was delayed in reaching me. In his passing away an outstanding figure has gone from the S. A. F. It was my privilege to be intimately associated with him since 1901, when he was elected vice-president, and I have good reason to know and appreciate his untiring, unselfish work in behalf of organized horticulture. A born organizer, he brought into the field a force which is uncommon in our ranks and which he used unstintingly for the general good. It is meet that we should all pay loving and appreciative tribute to his memory. His like does not pass this way often and he leaves a void which it will be difficult to fill.

His personality was a tonic for those who were fortunate to come in contact with him. Whole-souled and generous to a fault, large hearted and broad minded, far above pettiness, he was an inspiration to those who labored with him and a tower of strength in every crisis.

The pity is that he was not spared for many more years to us. Of him it may be said with truth, "Whom the gods love die young."

PATRICK O'MARA.

Amended Order For Mail Under Permit.

An order has been issued by the Postmaster-General affecting the mailing of third and fourth class matter under permit without postage stamps affixed. Under the regulations it shall be lawful for postmasters to accept for transmission in the mails, without postage stamps affixed, quantities of not less than 300 identical pieces of third-class and of second-class matter or 250 pieces of fourth-class matter, provided that postage shall be fully prepaid thereon at the rate required by law. Persons desiring the privilege of mailing second, third or fourth class matter without stamps affixed under the provisions above mentioned should make application to the postmaster on Form 3612.

For any further information regarding mailings under the above order, apply to your local postmaster.

Individual Rights Versus Bureaucracy.

The greatest danger to the American citizen today, says a recent writer in *Flour and Feed*, lies in the self-arrogated power of various governing boards, both state and national. Often small minds are elevated to public position, and once in power they arrogate to themselves powers never conferred by legislative enactment. It is a matter of common occurrence that these boards once established by a broad and general statute, arrogate to themselves legislative, judicial and executive duties—such as were never dreamed of by legislative bodies.

Only recently, a city physician of average intelligence stated to me, substantially, and in perfect sincerity, that the State Board of Health originated, executed and passed all laws governing the people. The mistaken views of this gentleman regarding the sources of power, legislative, executive and judicial is, sad to say, too common a view among our governing boards. If not checked, such policies will fasten a tyrannical bureaucracy

over the very lives and fortunes of the people.

Likewise, governing boards in our industry have arrogated to themselves powers and duties never conferred by the legislature. Feed inspectors, like the conscience inspectors of Cromwell's and Jefferson's time, inform us that we must do as they say, and often without regard to the law. Under this system of bureaucracy, inspection has not been business but politics and favoritism. Outside mills have been invited to come in and compete with home industries.

Let the American people wake up to their rights, that there may be a revival of conscience respecting personal rights and individual liberty.

The Dutch Bulb Trade in 1915.

The General Society for Flower-bulb Culture at Haarlem publishes details of the Dutch foreign trade in flower bulbs in 1915, in comparison with 1914 and 1913, according to Consul Frank W. Mahin. The following figures are given in kilos (one kilo=2.2046 pounds):

Country.	1913 Kilos.	1914 Kilos.	1915 Kilos.
Imports from—			
Belgium	406,000	83,100	210,900
France	356,900	391,300	136,900
British Isles	720,000	351,300	293,600
United States	167,400	131,900	62,500
Japan	256,900	107,600	36,600
Turkey	8,600	14,500	.....
Other countries	261,300	297,900	122,800
Total	2,177,700	1,377,600	863,300
Exports to—			
United States and			
Canada	5,413,900	7,649,000	8,100,800
British Isles	10,192,500	7,646,200	8,097,500
Germany and Aus-			
tralia-Hungary	5,204,900	5,266,700	5,372,800
Scandinavia and			
Denmark	2,011,600	3,706,700	3,866,200
France, Belgium,			
Italy, Spain,			
Portugal			
Greece, Turkey	1,008,000	462,300	540,000
Russia	841,600	90,300	572,300
Other countries	288,400	72,700	65,900
Total	24,960,900	24,893,900	26,615,500

The Dutch bulb trade was seriously affected by the war, although the foregoing export figures for 1915 seem to indicate the contrary.

The society states that while in normal circumstances these figures would be gratifying, on the whole scarcely enough was realized on the bulbs in 1915 to cover the cost of production, and this result was accentuated by unfavorable exchange rates with foreign countries.

It should be noted that the import and export figures refer to the countries from which the bulbs came directly or to which they were sent directly; and also that shipments by parcel post are not included in either set of figures.

Esler-Inskeep.

The wedding is announced of Miss Helen Janet Esler, daughter of Mr. and Mrs. John G. Esler, of Saddle River, N. J., to Mark McKinley Inskeep, June 24. Mrs. Inskeep is well known to members of the Society of American Florists, having frequently attended the annual conventions with her father.

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

**One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By young man; all-around florist, understands landscape work, store, designing, selling; active and dependable.

G. P. JOSEPHSON,
Canton, N. Y.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address

Key 637, care American Florist.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address

Key 643, care American Florist.

Situation Wanted—German-American, 40 years old sober and reliable, good grower of chrysanthemums, peas, pot plants; also good in designing, wishes position with good retail place or private, in or near Chicago preferred. Address

Key 644, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Good honest man with experience and good reference to work in greenhouse.

H. F. RHOADES, Kulpmont, Pa.

Help Wanted—A good rose grower and one assistant; state wages wanted. Address

Key 634, care American Florist.

Help Wanted—Young men to work in greenhouses as helpers. Apply

FOEHLMANN BROS. COMPANY,
Morton Grove, Ill.

Help Wanted—Assistant florist for general greenhouse and lawn work. State wages expected in first letter, with board, room and washing.

G. H. MINX, Logansport Ind.

Help Wanted—A working foreman, capable of taking charge of a place of 200,000 sq. ft. of glass, growing stock for own retail store. Address

Key 642, care American Florist.

Help Wanted—One or two good men for all-around greenhouse work; must be sober; furnish reference and state wages expected. Steady position for right man.

HARRY HEINL,
West Toledo, Ohio.

Help Wanted—Two good greenhousemen wanted, one capable of managing up-to-date plant; also man for pot plant establishment.

A. HENDERSON & Co.,
214 North State St., Chicago.

Help Wanted—Experienced greenhouse night man. One who understands firing, potting and other greenhouse work. Married man preferred. Must be sober and industrious. Can begin at day work at once. Wages, \$60 per month.

RIDGE LAWN GREENHOUSES,
Pine Ridge, Buffalo, N. Y.

For Sale—Newly built bungalow with green, house 25 feet by 50 feet, located in Morgan Park. Corner lot 100 feet by 200 feet. Call, or write owner.

E. J. FREDERICKSON,
10903 Hale Ave., Morgan Park, Ill.

For Sale—Two greenhouses complete. Ground used in connection one and one half acres on river front. Good location and A1 soil. No other greenhouse within a radius of 75 miles. Population of town 2500. Other business interests take up time which is my reason for selling. For terms apply to

RASMUS HANSON, Grayling, Mich.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address

Key A, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Foreman Wanted

General all around man for place in middle west.

Key X, care American Florist.

Flower Store Opportunity.

There is an excellent location vacant for flower store at 2054 North Clark St. near Garfield Ave. and big new hotel. Full particulars on application to

THALER BROTHERS,
2036-2042 North Clark St., Chicago.
Telephone—Lincoln 1061.

A1 STOREMAN SALESMAN AND DESIGNER

Is open for engagement. Has worked in many of the leading eastern and western retail establishments and can come well recommended. Capable of taking charge and building up an already established business. If you are interested in a man of this caliber, address stating full particulars in first letter.

Key B, care American Florist.

Greenhouse Location Wanted.

Advertiser desires location for greenhouse and general florist's business, preferably between the Alleghenies and the Rockies, avoiding the extreme north and south. Business opportunity is the first consideration, with desirability as a place to live. Either a place of say 4,000 or more people, where there is no greenhouse and a good outlook, or of say 8,000 or more, where there is room for another. Substantial payment for useful information. Would consider purchase of established paying business in desirable place to live. None other considered. Give full particulars.

Key 640, care American Florist.

HERE IS A SPLENDID OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.

Key C, care American Florist.

Wanted to Lease

With option to buy, 15,000 to 20,000 feet of glass near Chicago, suitable for carnations. Answer quick.

Key 641, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/2 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

THE MACNIFF HORTICULTURAL CO.

52-54-56 Vesey Street, NEW YORK.

MAMMOTH AUCTION SALES

Of Palms, Ferns, Aspidistras, Rubbers, Bay Trees, Etc. Also Bedding Plants and Potted Plants.
Sales Each Tuesday and Friday, at 11 o'clock a. m.

Boston.

BUSINESS HOLDS UP WELL.

Business in general was better than was expected during the past week. Roses sold very well, Ophelia especially being in good demand. Carnations fell off in price as the supply increased, prices now being from \$1 to \$2 per 100. Sweet peas have been very scarce as the wet weather has ruined thousands of flowers while on the vines. Good blooms sold very well at from 75 cents to \$1 per 100. Lily of the valley is practically out of the market, and the growers fortunate enough to be cutting a crop are realizing \$8, \$10 and \$12.50 per 100. There are plenty of peonies to meet all requirements and they move rather slowly at from 33 1-3 cents to 75 cents per dozen. Gladioli are coming in large quantities, but do not sell as well as usual for the season. They bring from 50 cents to \$1.50 per dozen, according to quality. Sprengeri and plumosus continue to be good sellers. The plant trade, which consists mainly of ramblers and hydrangeas, is rather dull.

NOTES.

The market outing, which was held at Lake Boone, Sunday, June 25, proved to be a success in spite of the rain. As there was ample shelter, the boys found many ways of entertainment and all enjoyed the day, even though there was some difficulty in finding the place.

John Barr, of South Natick, has been cutting a very heavy crop of carnations. During the past week his cut totaled 14,000 flowers, which sold at figures above the market, as they all were of exceptional quality.

Chas. Evars, of Watertown, Mass., is cutting a fine lot of peonies. On June 26 he sold 300 dozen as well as a large cut of America and Mrs. Francis King gladioli.

M. Penn, who conducted a store on Bromfield street for the past year, has gone out of business.

Henry Penn is spending the week at Philadelphia, Pa.

F. L. W.

Hartford, Conn.

In West Hartford we found, in the W. W. Thomson Company, a very enterprising and interesting firm. W. W. Thomson founded this business about 15 years ago and it has grown to large proportions. The members of the company are W. W. Thomson, his brother R. R. Thomson, and H. J. Miller. They have an established reputation for good roses, sweet peas, carnations and violets. In roses we noticed fine stocks of Killarney Queen, Mrs. Ward and September Morn, and they are growing other standard varieties. They are building more houses and will increase their rose area. There is now being erected for them a block of connecting houses, 105x150 feet over all. This brings their glass area up to 100,000 square feet.

This is a good time of the year to visit Hartford. Its splendid parks, and the care and taste shown in the grounds of its many beautiful homes, are better to see than the mountains

or the mermaids of the beaches, and it may be added, it costs much less to see them. The city has a general air of prosperity and contentment, which is fully shared by the florists.

Wm. J. Doogue & Co., who opened a handsome store last December at the corner of Asylum and Ann streets, are keeping it up-to-date and report good business. T. Roy, formerly well known in New York, is on Mr. Doogue's staff. W. J. Doogue is a son and namesake of the late William J. Doogue, for many years park superintendent of Boston.

Although we believe that John Coombs is the pioneer and father, so to speak, of all the local florists, and has reached his three score years and ten, he keeps right on growing stock and building more houses. We found active business at both the stores, which are conducted by his son.

J. McManus & Co., who have for some time conducted a store at 273 High street, announced that, July 1, they will occupy new quarters at 526 Asylum street, in the store recently vacated by the Bon Ton Florist.

G. G. McClunie has a good store and is optimistic over the outlook. He is one of the retailers who believes—not in artificial flowers.

The field day at A. N. Pierson's, Inc., Cromwell, June 21, was greatly marred by a deluge of rain in the afternoon.

There is always prosperity at the store of Welch, The Florist, and the force is kept busy.

Spear & McManus Co. has had a very busy season and is quite cheerful over the outlook.

A. F. F.

Fort Wayne, Ind.

A number of large weddings, together with several important funerals, helped much in the business of the past week. In plants, hydrangeas and roses take the lead. Several days of heavy rain have spoiled the peony and Rambler roses and gladioli and sweet peas are also scarce.

NOTES.

The Flick Floral Co., among other orders, arranged an elaborate wedding decoration. Peonies, syringas and Shawyer roses, with a banking of palms and ferns, appeared to splendid advantage. The bouquets for the bride and bridesmaids were also splendidly done.

Miss Eileen Lanternier entertained a party of friends, June 20, the decorations, largely of roses, being very attractive.

Visitor: J. C. Beaver of the agricultural department of Purdue University, Lafayette, Ind.

H. K.

Providence, R. I.

Several weddings and plenty of funeral work have been factors in the demand during the past week. Stock is plentiful and prices on many lines are low, roses being offered at your own figures and carnations not faring much better. Sweet peas seem to be shortening up, but the outdoor crop is beginning to arrive and some of the

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in.	\$ 40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
" 14-16 in...	20.00	" 20-22 in...	80.00
" 15-17 in...	30.00	" 22-25 in...	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

Miscellaneous Plants

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Alyssum, dwarf and giant	2.00	18.50	3.00	25.00
Begonia Vernon	2.00	18.50	3.00	25.00
Coleus, 10 varieties	2.00	18.50	3.00	25.00
Cuphea, Platycentra	2.00	18.50	3.00	25.00
Lemon Verbenas, 6 var.	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Farlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus (Dusty Miller)	2.00	18.50	3.00	25.00
Swainsona, white	2.00	18.50	3.00	25.00

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

COTTAGE MAID

A Sport of

MRS. C. W. WARD

Will be disseminated

1916-1917.

Cottage Gardens Co. Inc.
Queens, New York.

flowers are very good. Several of the peony growers cut their last blooms this week. The season has been so cloudy and rainy that many of the buds rotted before opening.

NOTES.

The exhibition of the Rhode Island Horticultural Society, held in the Narragansett hotel, June 23, was well attended and the displays were many and varied. Macnair had a large display of French hydrangeas in all colors, and John Burke had an excellent exhibit of roses.

Large shipments of short roses continue to arrive from the Boston markets.

Most of the carnations are being thrown out and the benches are being refilled.
H. A. T.

DARWIN TULIPS.

Get them from Vaughan's
and get them Good.

**FOR FORCING
IMPORTED
BULBS**

**French, Dutch
and Japanese**

as well as

Bermuda and California Stocks

**Bought and Inspected
by Our Own Traveler**

Offered by Us at Rates and Terms to meet any competition

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

Write us for News of Latest Foreign Conditions

CHICAGO **Vaughan's Seed Store** NEW YORK

*One way of getting
Satisfaction*

There is only one way. That is by dealing with a firm that has a reputation for standing by its customers. It makes no difference how much or how little you spend, we are on the job to serve you.

NEW FLAT FERNS In case of 5,000
at \$1.50 per 1000

ORCHIDS--Cattleyas, Gigas

Have a large supply on now. Price, \$7.50 per doz.

CARNATIONS, good quality, per 1000, \$10.00

ROSES, good short, per 1000, \$15.00

Easter Lilies, Mrs. Chas. Russell, Beauties, Valley

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES. Per doz.
Long \$3.00
30-36-inch 2.50
24-inch 2.00
20-inch 1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.

**OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,
WHITE KILLARNEY, WARD.** Per 100
Long \$8.00 to \$10.00
Medium 6.00
Short 2.00 to 4.00

MRS. CHAS. RUSSELL. Per doz.
36 inches long \$2.50
30 inches long 2.00
24 inches long 1.50
18 to 20 inches long 1.00
Short per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.
Per 100 \$2.00

CARNATIONS. Per 100
Fancy \$3.00
Medium 2.00
Short \$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS. Per 100
Lilies 10.00
Peonies, fancy pink and white \$4.00 to \$8.00
Sweet Peas75 to 1.50
Gladioli 8.00 to 10.00
CATTLEYAS per doz., \$7.50 to \$9.00
VALLEY..\$4.00, \$5.00, \$6.00 per 100
GREEN GOODS.
Mexican Ivy \$0.75
Smilax doz., 2.50
Sprenger and Asparagus Sprays... 2.00 to 3.00
Leucothoe75
Adiantum 1.00 to 1.50
Galax (bronze and green)...per 1,000 1.50
New flat fernsper 1,000 2.50

Economize

**When Buying
Your Supplies
PRE-INVENTORY SALE**

Here is a splendid opportunity to lay in a good stock of supplies if you order before July 15, 1916. Look over our special inducement circular being mailed this week, which contains articles listed at prices that are attractive and will save you money.

Be sure that you get this circular and if it does not reach you in due time write for it without delay.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

We are distributing several cars of extra fine Sphagnum Moss this week and advise you to order 12 bales today—you will not regret it.

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Hose

POEHLMAN
72-74 E. Randolph St.,

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

Kentias

BELMOREANA MADE-UP PLANTS.
Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS			
2½ inch pots, \$1.50 per dozen; \$10.00 per 100.			
Leaves	Doz.		
4 inch pots 5-6	16-18 inch high.....	\$ 4.50	
	Each.		
4 inch pots 5-6	16-18 inch high.....	\$.40	
6 inch pots 6-7	24 inch high.....	1.00	
6 inch pots 6-7	28-30 inch high.....	1.50	
6 inch pots 6-7	32-34 inch high.....	2.00	
8 inch tubs 6-7	36-38 inch high.....	3.50	



FOSTERIANA MADE-UP PLANTS			
Plants	Each		
8 inch tubs 4	38-42 inch high.....	\$ 3.50	
8 inch tubs 4	48-50 inch high.....	5.00	
8 inch tubs 4	52-54 inch high.....	6.00	
10 inch tubs 4	5 feet high.....	8.00	
12 inch tubs 4	60-64 inch high.....	10.00	
12 inch tubs 4	5½ feet high.....	12.00	
12 inch tubs 4	5½-6 feet high.....	15.00	
15 inch tubs 4	6-6½ feet high.....	\$18@20	

FOSTERIANA SINGLE PLANTS

Leaves	Doz.		
4 inch pots 5-6	18-20 inch high.....	\$ 4.50	
4 inch pots 5-6	18-20 in. high, ea.....	.40	
6 inch pots 6	28-30 inch high.....	1.00	
6 inch pots 6-7	34-36 inch high.....	1.50	
10 inch tubs 6-7	5½ feet high.....	8.00	
10 inch tubs 6-7	5½-6 feet high.....	10.00	
Specimens, heavy, \$35.00, \$40.00.			

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50	
	Inch Spread	Each
6 inch pots 18 inch high 24	\$1.75	
8 inch tubs 30 inch high 36	3.50	
10 inch tubs 35 inch high 42	\$5@7.50	

DRACAENAS

2½ inch pots Dracena Godseffiana, \$8.00 per 100.	Each
Dracena Lindenii, 6-in.....	\$1.25
6 inch pots Dracena Massangeana.....	\$1.25; 7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.....	\$1.00
8 inch pots, 5 plants, 44 in. high.....	4.00

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong.....	\$0.50 each
5 inch pots .....	.75 each

2½-inch Grafted and Own Root Rose Plants.

	1000
Killarney, own root	\$ 56.70
White Killarney, grafted	100.00
Killarney Brilliant, grafted	100.00

	1000
Elgar (special only), grafted.....	\$100.00
Old Gold, grafted	100.00

American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

	100	1000
Achyrantes Brilliantissima, 2½ in.	\$ 2.50	
Achyrantes Lindenii, 2½ in.	2.50	
Begonia Luminosa and Vernon, for bedding, 2½ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Begonia Chatelaine, 2½ in.	3.50	
3 in.	8.00	
4 in.	15.00	
5 in. ....each, 25c		
Begonia Lorraine, 2 in.	10.00	
2½ in.	12.00	
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot: 6-inch pots 75c and \$1 each.		
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.		
Crotons--5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		
Cyclamen--3 inch, \$8.00 per 100.		
Seedlings, \$40.00 per 1,000.		

	100	1000
Dusty Miller, for border, 2½ in.	\$2.50	\$23.00
German or Parlor Ivy, 2½ in.	2.50	
Fuchsias--5c and 12c each.		
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.	2.50	22.00
Marigold, Double, 4 in. pots....	8.00	
Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each.		
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in.	3.00	
Primula Obconica, 2½ in.	\$ 3.50	

HYDRANGEAS

50c, 75c, and \$1.00 each. Larger specimens, \$3.00 to \$5.00 each.

	100	1000
Salvia Bonfire and Zurich, from cuttings, 2½ in.	\$2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2½ in.	2.50	
3 in.	6.00	50.00
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.		
Whitmani, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		
Torenia Fournieri, Blue, 3-in. pots	5.00	
Vinca, 4 in.	\$10.00 to 15.00	
Vincas, Green	8.00	
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots.....	2.50	

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

New medium and short stemmed Beauties

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties

Per doz.

Specials, extra long stem.....	\$3.00
Extra long stems, seconds.....	\$1.00 to 1.50
Medium stems.....	1.50 to 2.00
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond

Shawyer--White and Pink Killarney

Killarney Brilliant

Long.....	per 100, \$6.00 to \$8.00
Medium.....	" 4.00 to 5.00
Short.....	" 3.00

Mrs. Chas. Russell.

Per 100

Extra long.....	\$10.00 to \$12.00
Medium.....	8.00
Short.....	4.00 to 5.00

Cecile Brunner..... per bunch, 35c

Carnations

Per 100

Red, White and Pink extra fancy..... \$2.00

LILY OF THE VALLEY..... \$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGERI**.. 2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM..... "1.00

GALAX, bronze and green...per 1000, \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL

Chicago.

STOCK CLEANS UP WELL EACH DAY.

Business continues to be good and stock of all kinds cleans up nicely each day at satisfactory prices. Roses are in good demand, especially Mrs. Chas. Russell, Ophelia and American Beauty. My Maryland and Mrs. William Randolph Hearst are selling unusually well and command high prices. Some exceptionally fine Killarney, Killarney Brilliant and Killarney Queen are reaching the market and the same holds good for White Killarney and Double White Killarney, which do not appear to be any too plentiful. Sunburst, Prince de Bulgarie, and Mrs. Aaron Ward are in good supply and what few Mrs. George Shawyer are arriving are having a good call. Richmond, Rhea Reid, Milady, Hadley and Hoosier Beauty are moving readily at good figures. Mrs. Moorfield Storey and Francis Scott Key are more plentiful but the supply is just about equal to the demand. Fireflame, Cecile Brunner, Baby Doll and Mrs. George Elgar sell almost as quickly as they reach the stores. Carnations are showing the effects of the weather but there is still a large sup-

ply of good stock available at very reasonable prices. Peonies have had a good call all week and are selling at much better prices than they have for several weeks past. Lily of the valley is as scarce as ever and good stock easily brings \$6 per 100, but the majority of the dealers are rather reluctant to ask more than \$5, especially from regular customers. Orchids are still on the short side and command high prices. Gladioli are in good supply and at times bring good figures. Lilies and callas are seen at several of the stores in large numbers, but seem to find ready buyers and there is hardly ever any surplus to speak of. Sweet peas are to be had in quantity and are selling at good figures, especially in the better grades. Calendulas, snapdragons, daisies, pansies, candytufts, gypsophyllas, foxgloves, canterbury bells, mignonette, larkspurs, irises, cornflowers, feverfews, statice and a raft of other indoor and outdoor stock is available. The express strike, which was settled last week, is making conditions a great deal easier for the wholesalers and all the companies are now giving regular service and the special service inaugurated by the trade has been discontinued. Green

goods of all kinds are plentiful and some unusually fine ferns are available at greatly reduced prices. Business so far during June has been very good and shows a big improvement over the same month of last year.

NOTES.

Mr. and Mrs. John Welsh have the sympathy of the trade in the loss of their seventeen-year-old son, George, who was accidentally killed last week. The funeral was held Sunday, June 25, from their home at 4910 North Hoyne avenue, with services at St. Mathias' church, thence by auto to Memorial Park cemetery.

Mrs. John Charles London, of Evanston, will leave next week for Monterey, Calif., to spend the summer with her mother. Mr. London is George Weiland's right hand storeman.

John Michelsen, manager of the E. C. Amling Co., treated all of his friends to a fine smoke, Thursday, June 22. It's a girl and "papa" is as happy as a lark.

Miss Alma Klunder, who has not been feeling any too well of late, will leave soon for Colorado to enjoy a well earned rest.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846,
Phones: { " 601, CHICAGO

LARGE SUMMER SUPPLY

Russell and White Killarney Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....

	Per 100
Killarney.....	
White Killarney.....	Extra select
My Maryland.....	Select
Sunburst.....	Medium
Ophelia.....	Short
Milady.....	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75
	Per 100
Roses, our selection.....	\$ 3.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisil	10.00 to 12.50
Peonies	4.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$ 3.00

—2,000,000 Feet of Modern Glass—

John Canger, with Mangel, the Palmer House Florist, will join the ranks of the benedicts, Thursday, June 29, when he will be united in marriage to Miss V. Diamesis, 4448 Racine avenue. Mr. Canger has a host of friends in the trade here who all wish him every success and a safe voyage on the sea of matrimony. John Mangel will decorate the bride's home and it is understood that the wedding will be a regular, old-fashioned Grecian affair.

At Wiator Bros.' store the principal offerings in roses are Ophelia and Sunburst, which are in good crop with them now. N. J. Wiator says that carnations in general are holding up remarkably well in quality for so late in the season and points with pride to their fancy Bonfire and Matchless.

O. A. & L. A. Tonner report that peonies have sold unusually well with them this year and say it is the best season they have ever had. They are offering a new late red that has been selling at top notch prices all season and which will be quite a factor in the market in a few more years.

Joe Doluey, William Lorman and John Steinmetz, of the A. L. Randall Co., motored to Bluff Lake, in the latter's car, Sunday, June 24, on a little fishing trip and succeeded in catching a few croppies and pickerel.

Miss Kreiger, who has been assisting John Mangel at his Palmer House establishment, is now in charge of his new branch store at the Edgewater Beach hotel.

Herman Rogers, with Weiland & Risch, leaves July 1 to spend a few weeks with his family, who are now making their home at Detroit, Mich.

The National Plant & Flower Company, 1249 West Sixty-first street, has planted several of its new Ickes-Braun houses to chrysanthemums.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

SERVICE

means a great deal to a busy florist who cannot attend to his own buying and visit the market as often as he would like to. Florists dealing with us receive the same treatment when they order by telegram, telephone or messenger—as they would if they called on us personally. Give us a trial today.

Chicago's Largest Dealers in Decorative Greens

D. T. Matchem reports business as very good at his Indiana Harbor store and is so busy that he has not had time to think of a vacation.

George Ball, of Glen Ellyn, is shipping a good supply of indoor and outdoor dahlias to this market.

W. H. Kidwell's family will leave next week to spend the summer at their country home at Lily Point, Eagle Lake, Mich.

O. Johnson says that he expects the Batavia Greenhouse Co.'s crop of peonies will last for two more weeks.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--Subject to Change Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50
White—KILLARNEY—Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00
OPHELIA.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00
SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION	\$3.00
CARNATIONS.	Per 100
Fancy	\$2.00
Good	\$1.00 to \$1.50
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Peonies	\$5.00 to \$8.00
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprengerl, per bunch ..	.50
Asparagus Sprays, bunch ..	.50
Other Green Goods	Market Rates.

Poehlmann Bros. Co. received two more carloads of palms from Belgium last Saturday, July 24, which makes seven that have already arrived and two more are expected to reach here soon. The stock came through in very fine shape and some of it was sold almost as soon as it was unpacked. This firm has had a tremendous call for chrysanthemum stock this season and is practically cleaned up on all varieties, including pompons. Tony Gabel says that the field grown carnation plants are looking fine and that the heavy rains the past few weeks seem to have done them more good than harm. John Poehlmann has placed on order for a new Winton Six.

Peter Reinberg booked an order for 25,000 field-grown carnation plants this week, which was the first one received this season but which will probably be followed by many others now that they are advertised for sale and are ready for immediate shipment. The stock in the field is in splendid shape this season and Superintendent Reichling says that he has never seen Reinberg's plants in better condition. Peter Reinberg and wife are planning on taking in the sights at Yellowstone Park. Peter Baumann of the store force will take his vacation next week and will spend it with his folks at Niles Center. Herbert Hansen, who is in Kansas City, Mo., is expected home July 1.

Robert roses are in good demand at George Reinberg's store and are bringing good prices for so late in the season. Sunburst are in good crop with him now and are having a good call. Fred. Nichols who has been on the sick list for several weeks, is back on the job again. Frank Hagen is thinking of going into vaudeville as soon as he can teach his pet frog to sing all the popular songs of the day and will hold his first rehearsal Saturday afternoon, July 1, at 3 p. m. Everybody is welcome.

Edw. E. McMorran & Co., 166 North Clinton street, manufacture the Peerless powder blower that so many of the growers in this vicinity are using to destroy mildew and which should come in mighty handy right at present, judging from the large amount of mildewed roses that are arriving in the market now. The Peerless blower can be obtained from any of the supply houses or direct from the manufacturers, who always have a large supply in stock.

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

MORE CUT FLOWERS WANTED

Either indoor or outdoor stock. Start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

J. A. Budlong is growing a large variety of roses this season and the shipments now include Hoosier Beauty, Mrs. Chas. Russell, Double Pink Killarney, Double White Killarney, Pink Killarney, Killarney Brilliant, Ophelia, Sunburst, Milady, Lady Alice Stanley, Champ Weiland, Tipperary, Rhea Reid, Francis Scott Key, Mrs. Bayard Thayer, Cecile Brunner, George Elgar and Baby Doll.

Allie Zech and wife, mother, sister Carrie and brother Leo will motor to La Porte, Ind., next week, where they will spend the Fourth with relatives. Trade at this house is remarkably good and Allie says that the sales this month, up to Friday, June 23, were equal to those of the entire corresponding month last year.

Harry Smyth and Frank Posternik will be the first of the Ernest Wienhoeber Floral Co.'s store employees to enjoy their vacations and will take to the tall timbers next week. Mr. Wienhoeber is supplying his trade with a choice grade of peonies which he grew himself at his home in Highland Park.

W. M. Rudd is a grandpapa, his oldest daughter Helen having presented him this week with a boy, David Rudd Arnold. Mrs. Arnold of Galesburg was formerly well known to members of the Society of American Florists, having frequently attended the annual conventions with her father.

A. T. Pyfer & Co. are handling a fine supply of outdoor flowers in addition to a large quantity of roses from the Pyfer & Olsen greenhouses at Wilmette. Larkspurs, canterbury bells and delphiniums are the principal offerings in the miscellaneous outdoor stock.

Bassett & Washburn are cutting heavily in roses and are showing very fancy Mrs. Chas. Russell, Rhea Reid and Ophelia. C. L. Washburn says that business is keeping up surprisingly well, especially as far as the out-of-town demand is concerned.

The John Kruchten Co. is offering a large quantity of fine carnations, which are looking unusually fine for stock cut so late in the season and which are moving nicely, owing to their splendid quality.

Erne & Klingel are having a brisk call for delphiniums which they are handling in quantity in the blue, dark blue and pink shades. Harry Robinson, formerly with A. Lange, joined their staff this week.

M. C. Gunterberg is undecided just where she will spend her vacation, but it would not be at all surprising if she attended the next S. A. F. convention at Houston.

Chas. W. McKellar is still on the sick list and is unable to attend to his duties at the store, which are being carefully looked after by his able assistant, Frank Ayres.

Lyon & Healy have a very pretty outdoor window decoration at their South Wabash avenue store that has a sort of back to nature call right in it.

Practically all the wholesale stores will close at 5 p. m. during July, August and September, starting Saturday, July 1.

It is rumored that a new retail store will be opened in the loop on East Madison street near Michigan avenue.

D. E. Freres and wife will leave soon for Deep Lake on a two weeks' fishing trip.



YOU CAN GET STRICTLY
FRESH STOCK FROM US.
TRY US ON THAT NEXT
SHIPPING ORDER.

Current Price List

Subject to Change
Without Notice.

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good.....	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy....	8.00 to 10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection.....	3.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white.....	\$3.00
Red and pink.....	\$1.50 to 2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz.,	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave, Chicago

Mention the American Florist when writing

Z M E A & N C N H N

Chicago Headquarters for OPHELIA AND RUSSELL

Our supply of Ophelia and Russell roses is so large and of such fine quality that we can fill your order to your entire satisfaction. In addition to Ophelia and Russell we have our usual large supply of Ward, Sunburst, Richmond, Killarney and White Killarney.

Fine Supply of Peonies and Lilies.

Most beautiful stock ever offered. Just what you need for your wedding decorations. Mammoth supply—plenty for everyone—so order here.

**SWEET PEAS, CARNATIONS, VALLEY,
GREENS, ETC.**



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., **Chicago**

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

Mention the American Florist when writing

A. L. Vaughan & Co. are enjoying good business and report that the sales during June have been very encouraging and compare most favorably with those of the same month last year. Miss Paradise leaves July 1 for a three week's visit at Denver, Colo.

Hoerber Bros. are in good crop with Mrs. Aaron Ward and My Maryland

roses and are receiving a good supply of out-door stock from their own farm at Des Plaines.

Miller & Musser have a good supply of peonies to offer every day at their store and expect to have them in quantity for several weeks yet.

Victor Bergmann, with O. J. Friedman, and family, will leave July 1 for

northern Wisconsin on a few weeks' fishing trip.

At Kennicott Bros. Co.'s store the principal offering in roses this week is a fancy grade of Ophelia.

Kyle & Foerster are strong on American Beauty roses, especially in the longer stemmed grades.



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc., for Weddings and week end sales. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The stockholders of the Chicago Flower Growers' Association will hold their annual meeting at the firm's North Michigan avenue store next Thursday, July 6, at 3 p. m., when the officers for the ensuing year will be elected. Michael Fink, Manager Klingsporn's right hand assistant, will leave next week for Jefferson Park where he will spend his summer vacation.

The E. F. Winterson Co. is receiving regular shipments of Kaiserin Augusta Victoria roses, which are grown on a small scale in this vicinity now. Mr. Winterson celebrated another birthday Wednesday, June 21, and everyone that attended it will agree that there was something doing every minute.

Percy Jones has been having a heavy call for candytuft, which he is handling in quantity in the fancy grades. Business at this house has been very good and the sales are showing a big increase over last year.

Miss Hirschberg, with the Central Flower Co., leaves next week to enjoy a well earned rest. Peter Papes, of Detroit, Mich., is visiting with his local business partner, Peter Duris, for a few days.

Joseph Ziska & Sons are so busy with city orders that they keep Raymond and his Ford on the jump all the time.

Visitors: F. W. Smith, of the Smith & Fetters Co., Cleveland, O.; Claude Wisely, Murphysboro; Gust. Raasch, Kankakee; Mrs. Gulbranson, Thief River Falls, Minn.; W. C. Johnson, Crookston.

DETROIT, MICH.—E. A. Fetters and Robert Rahaley are representing the florists on the annual cruise of the board of commerce of this city.

ST. LOUIS, MO.—F. P. Maid, D. S. Geddes and J. J. Beneke have incorporated the St. Louis Cut Flower Co., with a capital stock of \$20,000, fully paid.

PRINCETON, ILL.—After being a patient in a hospital at Hot Springs, Ark., for 13 weeks, W. E. Trimble, proprietor of the Trimble Greenhouse Co., has been brought to his home in this city, somewhat improved but still in a serious condition.

Milwaukee.

PROFITABLE SEASON CLOSES STRONG.

During the past week numerous commencement exercises, weddings and funeral work all helped to do away with a good share of the ever increasing supply of cut flowers. Roses, carnations, sweet peas, delphiniums and peonies are the most numerous; in fact, the local grown peonies are in their prime and the majority are of good quality. About the only article which is, and has been, scarce of late, is lily of the valley. With the closing of the schools and the exodus of the summer resorters, the 1915-16 season is rapidly coming to an end, and without doubt it has been a profitable one to both retailer and grower.

HOLTON & HUNKEL CO.'S OUTING.

With ideal weather, plenty of good things to drink and eat, fine music and games galore, the employees of the Holton & Hunkel Co., as guests of the firm, had a most enjoyable time Sunday, June 25, at Ehler's Grove. Brown Deer, and it was quite a gathering. Sixty-five employees plus their wives, sweethearts and children, were on hand, all in the best of spirits. The games were completed in apple pie order, the following being the fortunate prize winners.

Tug-of-war—Brown Deer employees.
Bag race, men—J. Semmelman, 1st; G. Kash, 2nd.

Race, men—G. Kash, 1st; P. Benke, 2nd.
Batting, men—N. Schmidt, 1st; A. Welke, 2nd.

Throwing, men—A. Welke, 1st; J. Semmelman, 2nd.

Relay race, men—Brown Deer employees.

Three legged race, men—J. Semmelman and M. Maus, 1st; C. Retzlaff and G. Kash, 2nd.

Ball game—Humboldt avenue employees won; score 11 to 9.

Potato race, ladies—Della Jenss, 1st; Clare Bayer, 2nd.

Nail driving contest, ladies—Mrs. Heuer, 1st; Mrs. Gangler, 2nd.

Ladies' race—Miss D. Jenss, 1st; Miss D. Rosenau, 2nd.

Boys' race—C. Semmelman, 1st; A. Krasnau, 2nd.

Boys' bag race—A. Mueller, 1st; E. Freytag, 2nd.

Young girls' race—Pauline Gangler, 1st; Elma Mueller, 2nd.

The monthly meeting of the Milwaukee Florists' Club will be held July 6.

NOTES.

Otto Grade, who with Hans Doering, are the main factors of the Fox Point Floral Co., apparently tired of single blessedness, and on June 24 was married to Miss Alvina Ehlers. We wish him good luck and may all his troubles be "little ones."

Walter Hummel, junior member of Hummel & Co., June 24, announced himself as a candidate for the assembly of the fourth district on the republican ticket.

Herm. V. Hunkel's family is spending the summer at Nagawicka Lake, E. O.

Los Angeles.

GOOD STOCK IN PLentiful SUPPLY.

Trade conditions here are about the same as last reported. The stocks are complete, and with the ideal, cool weather that prevails all outdoor flowers are in fine condition. Sweet peas are still making a good showing. Cecile Brunner roses are plentiful, and with the addition of gladioli, zinnias, etc., the supply is complete. The attendance of about 12,000 Knights Templar at a conclave created a good call for flowers and held sales up to the high standard set during the spring.

NOTES.

Wright's Flower Shop, Inc., report good trade in all departments. They had orders for several elaborate wedding decorations and their force has been kept busy, both locally and out of town. They seem to be well supplied with stock, with the possible exception of roses.

Wolfskill Bros. & Morris Goldenson report business about normal. They have been making an exceedingly fine showing of Ulrich Brunner roses, of which they had a fine supply.

Howard & Smith report good business in all lines. The visit of the Knights Templar and their ladies resulted in considerable additional business during the week.

Business at the Broadway Florists is steadily increasing, and Oscar Paseman has been added to the staff at this establishment.

O. C. Saakes has been strong on fine Sunburst and Tipperary roses and reports business up to the average for the season.

G. H. H.

BIG CUT OF

Russell, Ophelia, Stanley, Hearst, Hoosier Beauty, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Peonies, Valley, Sweet Peas, Callas, Harrisii, Galax, Asparagus Sprengeri, Adiantum, As Well As Other Seasonable Stock and Greens.

Use **BUDLONG'S BLUE RIBBON VALLEY**—Always Good.

TRY OUR NOVELTY ROSES—BRUNNER-ELGAR-BABY DOLL and our FANCY ORCHID FLOWERING SWEET PEAS

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Mention the American Florist when writing

Kansas City, Mo.

BUSINESS CONFORMS TO SUMMER.

There has been quite a change in market conditions during the past week, and with the summer days at hand, some of the stores are not as busy as they might wish. Stock is in splendid condition and most of it is plentiful, carnations especially, on which the price is very low. Sweet peas were never better for this time of the year and gladioli are showing marked improvement. Weddings and funerals are numerous.

NOTES.

The Geo. M. Kellogg Flower & Plant Co. reports summer business started well. This firm held its annual picnic at its greenhouses and the event was largely attended. C. G. Blackenberry, of this firm, will spend his vacation in Kansas and may also visit Texas.

T. J. Noll & Co. are looking forward to a good summer trade. They will open their new display room for supplies this week. Mr. Noll will leave for Chicago on a business trip July 5.

W. J. Barnes continues busy with orders for weddings and funerals. The greenhouses are in excellent condition and the stock looks very promising for fine crops later on.

Ed. A. Humfeld will leave about July 1 for the Ozarks, where he owns a home at Hahatonka. He will return about September 15.

H. Kusik & Co. are receiving about 3,000 local grown carnations daily. Their supply of outdoor stock in other lines is heavy.

Arthur Newell reports everything moving along nicely and anticipates a good summer business.

Wm. L. Rock Flower Co. is cutting a fine supply of roses, which meet with ready sale.

S. Bryson Ayres is cutting excellent sweet peas, gladioli and gypsophila.

Visitors: Frank McCabe, representing A. L. Randall Co., Chicago; E. M. Robinson, of Emporia Floral Co., Emporia, Kan.; W. J. Smart, of Knight & Struck Co., New York.

E. J. B.



Hanging Baskets

Ferries on Stands—Jardinieres
for the Sun Parlor, Porch and
Arbor—Window Boxes.

**Bridal Staff Baskets
Shepherd's Crooks
Bride's Staffs, Etc.**

If you have not already received one of our illustrated circulars send for it today. You should never be without one.

Raedlein Basket Co.
713 Milwaukee Ave., CHICAGO.

Mention the American Florist when writing

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway,

LOS ANGELES, CALIF.

Mention the American Florist when writing

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

BIG SUPPLY--RUSSELL ROSES

Also very choice Milady. You can always get what you need here. Try us.

Pittsburgh.

HOT WEATHER AND DULL TRADE.

The present writing finds the usual summer business depression in force, but with such scorching weather as we have been having of late, one cannot expect a normal trade to be the rule. There is a good supply of everything at present, the growers of outside flowers being the main contributors of stock. The June wedding season being over, we are now ready for the vacation period. The call to the Mexican border did not affect the regular forces of the local houses to any marked degree, as the florists, apparently, are kept too busy to be afforded the chance of joining the militia. The plantsmen continue their busy season and are certainly "making hay while the sun shines." The carnival men are seemingly the only ones doing a large business, and can usually be depended upon to clean up the surplus and leftovers.

NOTES.

A visit to the Harmony Nurseries at Evans City last week found the force busy erecting 40,000 square feet of new glass, which will be entirely completed and planted with roses by the middle of July. A large field of gladioli and asters will be yielding very soon. H. F. Blind, the superintendent, is working on many new plans, which will be realized before fall, including a private railroad siding, larger boiler house and large dam on the Connequeness Creek, which runs by the plant.

Joseph E. Bonsall is back in the flower business again this summer, growing outside specialties, which are handled by the McCallum Company.

W. A. Clarke, of the Pittsburgh Cut Flower Co., and Mrs. Clarke, left last week for a tour of the Pacific coast country.

Congratulations are in order for Mr. and Mrs. E. J. McCallum, the event being the arrival of a robust baby boy recently.

M.

New Haven, Conn.

The New Haven florists seem prosperous, though among the growers there is considerable uneasiness, due to the effect the continued cool and wet weather may have on planted out stock. This much is already known, that the heavy rains have greatly damaged the peonies. The retailers generally agree that they have had a good season and are yet busy. At the stores of Charles Munro, John N. Champion & Co., the S. H. Moore Co., and Myers Flower Shop, all Chapel street retailers, the reports were cheerful.

John Long, of East Haven, is one of

the most, if not the most successful of growers in this part of the state. He has a large glass area and turns out a large amount of fine stock, his carnations being particularly noteworthy. Although it has been bad weather for carnations in the field, his stock looks very promising. The past week was commencement week at Yale University and there were many visitors in the city, which improved business for nearly every line, including the florist.

M. B. Farquharson, who now has the store at 123 Church street, formerly conducted by A. T. Osterman, seems to have a good trade.

Cowan & Heller, 748 Chapel street, have closed their store and it is understood will engage in another line of business.

The New Haven Horticultural Society held its annual rose show June 27-28 in the public library building.

Myer Wilson, 56 Congress avenue, states that his business has been excellent.

The Doolittle Floral Co. has had an active season in plants.

A. F. F.

Cleveland.

AN ABUNDANCE OF SEASONABLE STOCK.

There is still an abundance of stock of every description in the wholesale market, and the quality for this season of the year is remarkably good. Larkspurs, both light and dark blue, have been much in demand and several events during the coming week will require large quantities; many bunches arrive in which all sprays are four and one-half to five feet long. White phlox is also good stock, and in great demand. Candidum lilies have begun to arrive. Peonies are about done for, a few remaining in storage for late orders for decorations. Stocks of pink and white gaillardias, coreopsis, Jap lilies, and swainsonas arrive daily. The supply of carnations is on the decline. Easter lilies move fairly well. Roses are arriving in good supply and of excellent quality. Killarney being very fine, as are Maryland and Ophelia. Long American Beauties are in ample supply and in good demand. Good fancy ferns are arriving. Greens of all kinds are plentiful.

The florists' club will hold its annual picnic at Willough Beach park, same place as last year, Thursday, July 20. Messrs. Ritzenthaler, Cook, and Graham are on the committee. A good time is assured. Bring the children.

C. F. B.

NARRAGANSETT, R. I.—Woodrow & Marketos, of New York, will open a branch here, July 1.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.



Oklahoma, City.

Florists say that business is keeping up very well. There have been several large weddings of late and the call for funeral designs has been heavier than usual.

The flower garden in Wheeler park is still under several feet of water and the probabilities are that the planting is entirely ruined for this year at least. In addition to the loss in the park, about 15 acres of bottom land near the city, planted to catalpa seedlings, have been under water for over a week, and are likely to remain so for some time yet; these will no doubt all be killed.

On June 23, we had a terrific hail storm. Some of the pieces of ice that fell were 2½ inches in diameter, the storm lasting about 15 minutes, followed by a 2-inch rainfall inside of 45 minutes, which flooded the city so as to tie up all transportation in some districts for several hours. So far we have no report of any glass being broken, the storm being purely local.

S. S. B.

Fancy Long Stemmed Delphiniums

Light Blue and Dark Blue Shades. Also Pink in the Shorter Stemmed Grades.

LARGE SUPPLY PEONIES--ROSES--CARNATIONS

SWEET PEAS -- LILIES -- VALLEY -- GREENS, ETC.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNIGOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@3 00
" George Elgar	2 00@3 00
" Baby Doll	2 00@3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@3 00
Cattleyas	per doz., 7 50@9 00
Peonies	2 00@8 00
Asters	2 00@3 00
Dahlias	3 00
Lilium Harrison	10 00@12 50
Mignonette	4 00@6 00
Sweet Peas	75@1 50
Valley	3 00@6 00
Adiantum Croweanum	1 00@1 50
Snapdragons	per doz., 75@1 50
Daisies	1 00@3 00
Spanish Iris	5 00@6 00
Calendulas	3 00@4 00
Ferns	per 100, 1 50@4 00
Galax	1 00@1 25
Leucothoe	75@1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumous Strings	each, 60@75
Smilax	per doz., 2 00@2 50
Sprenger, Plumous Sprays	3 00@4 00
Boxwood, 25clb per case	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing



FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

STOCK IN FINE CONDITION.

Owing to the continued cool weather the condition of all classes of stock is very fine for the season. There have been quantities of out-door flowers of all kinds; the sweet peas are now in full swing and while the crop is large and the quality good, they have been greatly handicapped with the continuous rains. Larkspurs, corn flowers, gaillardias and other like stock is very plentiful, and considering the quantity offered, sells up very well. Outside peonies are done, as is much of the stored stock, which has been drawn on quite heavily the past two weeks. Dorothy Perkins and rambler rose sprays are now at their best. If Burbank, or some other thornless wizard, would only get busy with the Dorothy he would surely receive the thanks of all branches of the craft. Cattleyas are more than equal to the demand—Mossia and gigas are fine. Lily of the valley is getting scarce. Now that the June weddings are over the growers are holding for the fall demand and little will be sent to market that is not sure of a sale.

NOTES.

The Pelham greenhouses of E. Geshick, at Johnson street and Germantown avenue, form, with the store, as complete a retail establishment as one could wish to see. There are a number of greenhouses, all filled the season round with seasonable crops, which follow one another with as little intermission as possible. Cyclamens, begonias and poinsettias are even now being gotten into that state of preparedness that would insure their being at their very best on the firing line at Christmas. A house of cattleyas on a step stage, with a full bed of asparagus beneath, also beds of the same in other houses, with high three-quarter tables over head, showed how two crops could be gotten out of the same floor space. Large beds of chrysanthemums were making good progress; in fact the whole place was in the best possible up-to-date condition. Mrs. Geshick and her sister are valuable assistants, having charge of the retailing. Two Ford cars care for the deliveries.

Eugene Bernheimer, who has conducted business on Sixteenth street below Market for the past 10 years, has moved to 1531 Ransdell street, opposite the wholesale depot of the Jos. Heacock Co., where he will have greatly increased facilities. The Florex Gardens, North Wales, Pa., are sending some fine Prima Donna roses to the Bernheimer market.

M. Schurgot, Hunting Park avenue and Germantown road, had an unpleasant experience last week with a drunken man who was attempting to steal plants from the front of the store. Mr. Schurgot, who was ill and in no condition to cope with the intruder, was getting the worst of it when neighbors came to his rescue and the man was arrested.

The Philadelphia Colonial Decorative Co. had the order for the leading float in the Ad' Men's parade, June 19. American Beauty and other roses, Easter lilies and sweet peas were used lavishly. Nothing artificial was al-

Wholesale Flower Markets

BOSTON, June 28.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, June 28.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 50	
Asparagus Sprengerii.....	35@ 50	
Ferns.....per 1000, 2 00		
Smilax.....		15 00

CINCINNATI, June 28.		Per 100
Roses, Beauty.....per doz., \$1 50@5 00		
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Orchids.....per doz., 6 00		
Rubrum Lilies.....	3 00@10 00	
Gladiolus.....	2 00@ 6 00	
Sweet Peas.....	25@ 50	
Shasta Daisies.....		1 C0

lowed in the make up. It is said the price paid was \$1,000.

The M. Rice Co. has newly prepared oak leaf branches, called "Christmas red." They can be used to make splendid decorative effects. The new factory is almost under roof. It will be one of the finest buildings of its kind in the country when finished.

The meeting of the creditors of L. P. Vallery, June 24, developed nothing new. There is a lease of 14 months on the store, for which the business is liable, and this being a first lien against the property, it will in some way have to be provided for.

Wm. Berger & Sons Company, Germantown, are much pleased with their new Studebaker delivery car. They have found it wonderfully efficient, after a two months' trial. Weddings and funeral work the past two weeks have kept them very busy.

Business holds up well with the Leo. Niessen Co. American Beauties, gladioli, sweet peas and Dorothy Perkins roses are leaders. Fine cattleyas are also seen in quantity.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

S. S. Pennock has returned from the inspection of the rose test gardens at Ithaca. As in Washington, they were unfortunately not quite far enough advanced to properly show the good qualities of but few of the varieties.

Top roses in all the popular varieties, notably, eastern American Beauties, local Kaiserin and Maryland, are the special features of the Edward Reid stock. Business is all O. K. for the season.

The Berger Bros. Central Market is moving things nicely for summer time. Hollandia and America gladioli are features, as are also choice outdoor orchid sweet peas.

K.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Washington, D. C.

CALL FOR FUNERAL WORK BRISK.

Stock is plentiful but aside from a few small weddings there is not much to look forward to. Funeral work, however, has been exceptionally good, especially with the downtown stores. Rambler roses, both pink, white and red, are quite a help and Japanese iris, which is in good supply, adds to the window decorations.

NOTES.

W. B. Shaw's gardens at Kenilworth suffered considerable damage from high water during the past week, much of the young stock on the banks being washed out. Mrs. Fowler is still bringing in enough pond lilies to supply the trade, however.

Commencing June 20 most of the stores are closing at 6 p. m. with a half day on Sundays. This is much appreciated by all of the employees.

W. W. Kimmell, wife and family, will leave about July 1 for Colonial Beach, where they have one of the most attractive places on the bay.

Geo. Leissler, one of the largest growers of Japanese iris in this vicinity, delivers stock to the local trade every morning.

Hugh Jack, formerly in charge of the estate of H. Nages, has taken a position in the department of agriculture.

G. C. D.

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

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Milwaukee St., Milwaukee, Wis.



New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, June 28		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@10 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 8 00	
Sweet Peas.....	50@ 1 00	
Snappedragons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Gladiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....per bunch.	50	

PITTSBURGH, June 28.		Per 100
Roses, Beauty, special.....	25 00	
" " fancy.....	20 00	
" " extra.....	15 00	
" " No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	3 00@ 8 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Spanish Iris.....	4 00	
Carnations.....	2 00	
Coreopsis.....	50	
Larkspur.....	4 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.	35@40	

MILWAUKEE, June 28.		Per 100
Roses, Killarney and W. Killarney.....	3 00@ 8 00	
" Ward.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@20 00	
" Ophelia.....	3 00@10 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	8 00@10 00	
Cattleyas.....per doz.,	6 00@9 00	
Sweet Peas.....	50@ 1 00	
Carnations, fancy.....	1 00@ 2 00	
Snappedragons.....doz.,	\$0.50@ \$0.75	

RICE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, June 28.		Per 100
Roses, Beauty, medium.....	25 00	
" short.....	4 00@ 8 00	
" Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	4 00@ 8 00	
" Ophelia.....	4 00@ 8 00	
" Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	1 50@ 2 00	
Callas.....	6 00@ 8 00	
Lilies.....	6 00	
Asparagus Plumosus, per bu.,	25@75	
Ferns.....per 1000,	1 50	
Bronze Galax.....per 1000,	1 00	

New York.

DEMAND AND SUPPLY BOTH LIGHT.

During the past week business was quiet in the wholesale district, with some improvement, June 23-24. The supply of good stock has been light, but so has the demand. Lily of the valley keeps well up in price; from \$4 to \$6 per 100 is being paid, and \$8 has been asked, and in some instances paid for very fine stock. Special American Beauty roses have run pretty even at from \$15 to \$25 per 100, but \$30 was the asking price, June 24. The greater part of the peony trade is over for this season. With this flower it has been a case of "welcome the stranger, speed the parting guest." When the first lots came in they went very well, but the continued bad weather had a deteriorating effect on the crop, and when they arrived in great volume they came to be a positive nuisance. We believe it was Jean Paul who wrote of a certain summer that: "It was only a winter painted green." Thus far, this has been a most unusual summer in this vicinity, and it now appears that outdoor stock, particularly carnation plants, may suffer on account of continued rain. As might be expected, the weather is largely the cause of so much poor greenhouse stock arriving.

June 26. — The week's business started under improved conditions. The supply of good stock is light, particularly roses, and good prices are being realized. The peony supply is much lighter and good stock brings 50 cents and upward per dozen. Lily of the valley seems a little slow this morning, but good stock brings \$6 per 100. Lilies are slow. There is a fair supply of carnations, going at about \$1.50 per 100 for the best.

NOTES.

The seventh infantry, New York's crack regiment, left June 26 for some point on the frontier. Among the members of this regiment are Captain Joseph G. Leikens, a well known florist of Madison avenue and 55th street, and Corporal Arthur M. Clarke, a son of Marshall Clarke of David Clarke's Sons, Broadway and 75th street. Captain Leikens is married, but has no children. Corporal Clarke has a wife and two children. Julius Mason, late with the Kervan Co., 119 West 28th street, left with the seventy-first regiment as a private. There were the usual fervent and affecting scenes of such an occasion as good-bys were said. Another florist who has gone to the front with the seventh regiment is Charles H. Brown, Jr., son of Charles H. Brown, the well known retailer of 2366 Broadway. Young Brown recently returned from France, where he saw hard service in the ambulance corps.

Thomas Martin, former head salesman for Traendly & Schenck, who has for several months been at a resort in Sullivan County, N. Y., for the benefit of his health, was called to his home in this city, June 23, on account of the serious illness of his brother, Charles Martin, who died on the night of June 24, aged 29 years. Pneumonia caused his death. He had been a clerk in the New York Stock Exchange.

It is stated that a movement is on foot to beautify the high buildings in the down town districts by a profuse display of blooming plants in window boxes. A committee to carry out the scheme was organized, June 27.

Several well known florists of this city who were members of the state militia will come under the provisions of the new law drafting them into the regular army. Further particulars will be found elsewhere.

J. C. Vaughan, Chicago; J. B. Deamud, of this city; J. K. M. L. Farqu-

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

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THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Mention the American Florist when writing

har, and W. J. Stewart, Boston, attended John Westcott's opening at Waretown, N. J., June 23.

William Ball, for many years a florist at Spuyten Duyvil, a suburb of this city, died at his home, 2422 University avenue, Bronx borough, June 23, in his 89th year.

At a time when good stock is not overplentiful, John J. Coan, 115 West 28th street, is well pleased at receiving a very fine quality of sweet peas.

A. F. F.

Horticultural Society of New York.

The Horticultural Society of New York held an exhibition in the Museum building, Bronx park, New York, June 24-25. While the competition was not great, some fine stock was exhibited, especially in sweet peas and collections of flowers of herbaceous plants. The displays of flowers of trees and shrubs were also a feature. The awards were as follows:

Collection of outside roses—E. A. McAlpin, Ossining, N. Y. (John Woodcock, Gr.), 1st.

Vase of sweet peas, one or more varieties—Mrs. F. A. Constable, Mamaroneck, N. Y. (James Stuart, Gr.) 1st; William Shillaber, Essex Falls, N. J. (J. P. Sorenson, Gr.), 2nd.

Collection of flowers of herbaceous plants—T. A. Havemeyer, Glen Head, N. Y. (A. Lahodney, Gr.), 1st.

Collection of flowers of trees and shrubs—T. A. Havemeyer, 1st.

Six vases hybrid perpetual roses, six varieties, five of each—E. A. McAlpin, 1st; Wm. Shillaber, 2nd.

Vase of hybrid perpetual roses arranged for effect—Mrs. F. A. Constable, 1st.

Vase of roses, excluding hybrid perpetual, arranged for effect—Wm. Shillaber, 1st; Mrs. F. A. Constable, 2nd.

Vase of sweet peas, three varieties, 25 of each—Mrs. F. A. Constable, 1st.

Collection of flowers of herbaceous plants, 18 species—Mrs. F. A. Constable, 1st.

A. F. F.

ELKHART, Ind.—William Currier will open a flower shop in the Orpheum theater building. In addition to cut flowers and pot plants a complete line of seeds will be carried.

DAYTON, O.—P. D. Berry, who started nine years ago with a small garden, sold over 40,000 peonies in three weeks this year. He is adding to his farm each year and now grows over 40 varieties.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
558 101 W. 28th St.,
NEW YORK
2036
2037

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PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building.)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

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Trade Directory

PRICE, \$3.00,
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AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones } 1664 Madison Square, **34 W. 28th St., New York**
 } 1665
 Receivers and Distributors of
CHOICEST CUT FLOWERS

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist

Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301
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John Young & Co.
 Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square
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107 W. 28th St., New York
 Telephone, 5336 Farragut
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115 W. 28th St., New York
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 CONSIGNMENTS SOLICITED.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
 CONSIGNMENTS SOLICITED.
 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, June 28.		Per 100
Roses, Beauty, special.....	20	00@25 00
" extra and fancy.....	10	00@15 00
" No. 1 and No. 2.....	5	00@ 8 00
Prima Donna.....	3	00@15 00
Alice Stanley.....	1	00@ 6 00
Francis Scott Key.....	1	00@ 6 00
Mrs. Geo. Sawyer.....		50@ 5 00
White Killarney, special....	5	00@ 6 00
Killarney, My Maryland....		
" special.....	5	00@ 6 00
" No. 1 and No. 2.....	1	00@ 2 00
" Queen.....	1	50@ 8 00
" Brilliant.....	1	00@ 6 00
Aaron Ward.....	1	50@ 8 00
Richmond.....	1	00@ 5 00
Sunburst.....	1	50@ 8 00
Taft.....	1	50@ 8 00
J. L. Mock.....	1	50@ 8 00
Hadley.....	2	00@15 00
Opbelia.....	1	00@ 8 00
Mrs. Chas. Russell.....	1	50@10 00
Hoosier Beauty.....	1	00@ 6 00
Ulrich Brunner.....	2	00@15 00
Cattleya Orchids, special.....		35 00
inferior grades.....	15	00@25 00
Lilies, Longiflorum and Harrison.....	2	00@ 3 00
Lily of the Valley.....	3	00@ 6 00
Carnations.....	50	@ 1 50
Adiantum Croweatum and		
Hybridum.....	1	50@ 2 50
Asparagus Plumosus..... doz. bchs.	1	50@ 2 50
Smilax..... doz. strings.....	1	25@ 1 50
Sweet Peas, orchid flowered.....	25	@ 1 00
Snapdragons..... per doz.,	10	@ 25
Peonies.....	2	00@ 4 00
Iris, Spanish.....	1	00@ 4 00
Daisies Yellow.....	50	@ 1 00
Corn Flowers.....	25	@ 30
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1302-1308 West Division Street,

CHICAGO

Gardeners' Outing at Cromwell, Conn.

The field day at Cromwell Gardens, Connecticut, June 21, brought together a representative number of members of the National Association of Gardeners and the American Association of Park Superintendents from New York and New England points. The visitors were met by representatives of A. N. Pierson, Inc., at the trains, as they arrived at Hartford and Middletown, and were escorted to the hotel at Middletown, where they were received by Wallace R. Pierson and entertained at luncheon, after which the party proceeded to Cromwell. Arriving at Cromwell Gardens, the guests were greeted by A. N. Pierson who welcomed them to the establishment of the company of which he is the head, after which the chiefs of the different departments escorted the visitors about the gardens and through the large ranges.

Looking down upon the gardens on the approach from the roadway, the eye beheld a magnificent sight in the acres of plantings which were one mass of gorgeous color. The rose garden was the center of attraction, although the visitors found much of interest in the different outdoor departments, including the rock garden, which is now under course of construction. The mammoth greenhouses proved a revelation to some of the visiting gardeners, where roses, carnations and chrysanthemum plants, in untold quantities, were found in excellent condition, as were also the many other varieties of flowering and foliage plants in which this company specializes.

The company maintains its own dairy, private water system and box factory, and after the inspection of the entire plant, the opinion was generally expressed that Cromwell Gardens may appropriately be classed as a "plant growing industry." All the details for the entertainment of the party were carefully planned—the usual afternoon rain was not even omitted. The visitors enjoyed their visit to Cromwell Gardens and when they entered the automobiles to make their train connections for home, they were in one accord that the day had been one full of interest and instruction.

Cincinnati.

GOOD SUPPLY; PRICES MODERATE.

The supply continues heavy and includes enough good stock to take care of all present demands. Prices are not very high. Roses of all kinds are plentiful. Some excellent American Beauties, Taft, Sunburst and My Maryland may be had. Besides these, good ramblers and Dorothy Perkins are still coming into the wholesale houses. The cut of carnations is not nearly as large as it was. Easter lilies are plentiful. Hardy hydrangeas have been added to the list of offerings and gladioli are in fair supply and sell well. Lily of the valley is meeting with an excellent call and is bringing top prices. Other offerings include orchids, Shasta daisies, water lilies, larkspurs, snapdragons, coreopsis and corn flowers.

NEW CROP

Green Sheet Moss.....\$1.75 per bag

Perpetuated Moss..... 3.50 per bag

Lyrata Evergreen Oak

Foliage..... 2.50 per case

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Everything in Southern Evergreens

EVERGREEN, ALABAMA

NOTES.

The Wm. Murphy Co. is having a very heavy call for yellow roses for weddings.

John Rutenschroer has been sending some excellent larkspurs to C. E. Critchell.

Frank Kyrk and wife are the proud parents of a baby girl born June 21.

Visitors: Warren Huckleberry, North Vernon, Ind.; J. T. Herdegen, Aurora, Ind., and Jos. Hill, Richmond, Ind.

New Bedford, Conn.

A. C. Strom started a retail store at 26 Main street about five years ago. He had very little capital, but he understood the business and has great energy. He has been so successful that early this year he bought the range of Fred Franzis at Plantsville, Conn., which contains about 14,000 square feet of glass with land adjoining for gardening. With his usual energy he has set to work to improve the place.

Mrs. Elizabeth Eggert, 42 Whiting street, who leased her greenhouses for a time, has taken them again. She is one of the oldest florists, in point of service, in New Britain.

At the range of the Volz Floral Co., Inc., 90 West Main street, we noticed improvements being made. This firm has a neat range and is doing a good business.

Our old friend, Carl Lorenzen, 59 Church street, continues active in both the florist and seed business, which he says has been very good.

R. B. Viets, 48 Clinton street, has a considerable glass area and a good business.

The florists of New Britain report having had a good season.

A. F. F.

Postal Receipts Break All Records.

Postal receipts for the last two quarters broke all records, aggregating \$84,564,447.21 for the quarter ending December 31, 1915, and \$79,699,622.44 for the quarter ending March 31, 1916. Prospects are that the total postal receipts for the current fiscal year, ending June 30, will amount at least to \$305,000,000, and will exceed the receipts for the last banner year, 1914, by from fifteen to twenty million dollars.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

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GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50

5 boxes for..... 7.00

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Wholesale Florist

1324 Pine St., St. Louis Mo.

Mention the American Florist when writing

Bellingham, Wash., Rose Show.

The thirteenth annual exhibition of the Rosarians opened June 23, in the Bellingham National Bank building, continuing two days, and was a splendid success. There were 56 exhibitors, all of whom showed flowers of the highest quality. Among the most beautiful displays were those staged by the Bellingham Floral Co. and John Gibson, city superintendent of parks. Other splendid exhibits that were among the prize winners were made by Dr. C. H. McLeod, A. J. Blythe, Dr. J. F. Mills, Mrs. A. W. Hastings and Mrs. F. F. Willard.

F. V.

RICHMOND, IND.—The Chas. Knopf Floral Co. has filed its final certificate of dissolution.

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FLORISTS

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Announce the removal of their New York store to

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Floral and
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Established 1857.



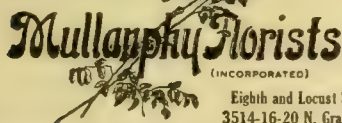
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Friedman

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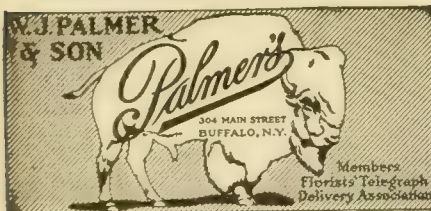
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Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, E.H., Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evensen Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencie, Miles S., Syracuse, N. Y.
Heisl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., SherboGAN, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
McIntire Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Sakelos, G., New York.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schilling, Max, 22 W. 59th St., New York.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
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Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
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Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Newark, N. J.—Phillips Bros.
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New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
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Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
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Member of Florists' Telegraph Delivery.

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Orders properly cared for.

Member of Florists' Telegraph Delivery.

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Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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THINK OF HEINL'S

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

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CHICAGO
17 E. MONROE ST.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

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Send Telegraph, Telephone or Mail Orders
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THE DOMINION FLORAL CO.

484 St. Catharines St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

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**C. Trauenerfeldt's
FLORIST**

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LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Mention the American Florist when writing

Trade Directory

Price: \$3.00, Postpaid.

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440 S. Dearborn St., CHICAGO

Telephone 1813 Main **JOS. LEVY**
BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty
356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

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Members of Florists' Telegraph Delivery.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

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Member of Florists' Telegraph Delivery.

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California Florists

will take care of all telegraphic orders.

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Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray

FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.

EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Philadelphia, Pa.

M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

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BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas, Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

SALINA, KAN.—The range of Edward Tatro, one of the largest in this part of the country, was sold at auction June 22. The owner is retiring from business principally on account of his wife's ill health.

HOUSTON, TEX.—One of the brightest spots at the convention garden will be the bed of Canna Firebird from Vaughan's Seed Store, Chicago. Enough of this valuable new variety has been received to make a splendid display.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

AMERICAN SEED TRADE ASSOCIATION.

Thirty-Fourth Annual Convention, Chicago, June 20-22.

The Officers Elect:

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.

(Report Continued From Issue of June 24, Page 1208.)

Thursday's Proceedings.

The first business of the morning session was the address of Robert E. Belt of the Federal trade commission, Washington, D. C., on "Accounting and Business Methods", in which he referred to publications to be issued by the commission and one already issued by its vice-chairman, entitled, "Healthful Activities and Constructive Business," which is merely an outline, but other publications going into details are now being prepared and will probably be ready for distribution within a month. Any one interested can have these upon request. On motion of B. P. Corneli, of St. Louis, Mo., a vote of thanks was extended to the speaker by the convention.

The following were elected to membership: Everett R. Peacock Co., Chicago; O. M. Scott & Sons Co., Marysville, O.; Griswold Seed & Nursery Co., Lincoln, Neb.; Jacot-Muller, Inc., New York; Curtis Nye Smith (honorary) Boston, Mass.

The report of the committee on legislation was read by W. G. Scarlett, chairman. This was followed by the report of Counsel Curtis Nye Smith. In connection with the report, he stated that he had received a communication from the superintendent of weights and measures of New York state, advising that arguments advanced by counsel had been sustained and that hereafter seeds sold in bulk, but in containers, would not be subject to the requirement of individually labeling each bag; in other words the seedsmen had been upheld. The announcement was received with applause. The report of the counsel was received and his various recommendations concurred in. A. E. McKenzie, chairman, read the report of the special committee relative to co-operative sales departments established by state departments in some sections for the purpose of bringing together growers and purchasers of seeds, and recommended that a standing committee of five to act during the coming year and report at the next meeting be appointed. On motion of Watson D. Woodruff, the report was received and the recommendation was concurred in.

The following resolution was unanimously adopted:

Disclaimer Resolution.

Resolved, that this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

At the election of officers for the ensuing year, nominations being called for by President Lupton, the name of Kirby B. White, Detroit, Mich., was presented by Watson S. Woodruff, following a neat speech. The nomination was seconded by F. W. Bolgiano, Washington, D. C., and there being no other candidates the secretary was ordered to cast the ballot of the convention and the chair declared Mr. White elected as president for the ensuing

year. Other officers elected were: F. W. Bolgiano, Washington, D. C., first vice president; L. L. Olds, Madison, Wis., second vice-president; C. E. Kendel, Cleveland, O., secretary-treasurer. Executive committee: J. M. Lupton, Mattituck, N. Y.; J. L. Hunt, Cambridge, N. Y.; Howard M. Earl, Philadelphia, Pa.; Leonard H. Vaughan, Chicago; W. G. Scarlett, Baltimore, Md. Membership committee: J. C. Robinson, Waterloo, Neb.; B. P. Corneli, St. Louis, Mo.; H. G. Hastings, Atlanta, Ga.



F. W. Bolgiano, Washington, D. C.
First Vice-Pres. American Seed Trade Ass'n.

On motion of J. C. Robinson, the salary of the secretary-treasurer was continued at the same figure, and a proper appropriation made for the work of the legislative committee. The secretary read a letter from Chas. C. Moore, president of the Panama-Pacific exposition, thanking the association for its co-operation in making the San Francisco exposition the magnificent success it proved to be.

Invitations to hold the 1917 convention at Baltimore, New Orleans, St. Louis, and other cities were read, but the convention was so pleased with the success of the Chicago meeting, and the unprecedented attendance, larger than before realized, that the feeling was to make that city permanent headquarters, but Watson S. Woodruff suggested as a compromise that they alternate between the east and west,

New York one year and Chicago the next. On motion of A. E. McKenzie the matter was referred to the executive committee with power to act.

President White Installed.

The president-elect was escorted to the stage by a special committee consisting of F. W. Bolgiano and J. Chas. McCullough, where he was received by retiring president Lupton, welcomed to his new duties, and being duly installed, presided during the balance of the morning session. President White called the attention of the convention to the fact that he had met the committee half way, but absolutely refused to commit himself further by any speech at this time except the eloquent one of "I thank you." President White overruled a motion that the convention adjourn, made by past president Lupton, stating that there was further business, and J. S. Michael of Sioux City, Ia., facing Mr. Lupton, requested the attention of that gentleman and the other members and after recounting the retiring executive's many virtues in eloquent words, presented him and his wife with a magnificent mahogany chime clock with accompanying candelabra. Mr. Lupton, in a few well chosen words, gracefully responded, thanking the donors for their kind remembrance, adding that it would be a continual reminder with its musical chimes, of friends who hold a warm spot in the hearts of himself and his life companion. The convention then adjourned sine die, and thus passed into history as one of the largest and most successful meetings ever held by the association, proving that the efforts of the Chicago seedsmen had borne good fruit.

Greetings to L. L. Morse, San Francisco.

The following telegram was sent June 22 to Lester L. Morse, past president, who officiated at the San Francisco convention:

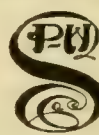
We are very sorry not to have you with us. All the "boys" send cordial greetings and recall with great pleasure your presence four years ago as well as the great time you gave us last summer. Here's to you, Lester.

C. E. KENDEL, Sec'y.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

Report on President's Address.

The committee on president's address, composed of S. F. Willard, chairman; E. L. Page, J. C. Vaughan, C. C. Massie and H. M. Earl, reported at the Wednesday morning session that it commended his recommendations that the association support all reasonable seed legislation and insist that the same shall be both workable and universally applicable, considering neither merchant nor grower above the law; also that the cental system be recommended for general use in the catalogues and price lists of members beginning on or before January 1, 1917, or as soon thereafter as practical. The committee expressed pleasure at the great gain that had already been made in the cental system plan during the last year and the belief that the time was near when its use would be universal. The recommendation that the counsel, Curtis Nye Smith, be retained at the usual fee, was also favorably reported. The recommendations of the committee were unanimously adopted.

Non-Warranty Recommendations.

At the afternoon session Wednesday the report of the committee on recommendations on the president's address was resumed and almost the entire period was devoted to the discussion of views respecting the recommendation regarding the non-warranty clause. Arthur Bryan Clark, president of the Everett B. Clark Seed Co., Milford, Conn., presented his conclusions fully and Kirby B. White, as the main speaker on the subject, asked that the report of the committee be approved. After he had concluded and all other speakers had been heard the report of the committee which follows was adopted almost unanimously:

Whereas, There has been some recent discussion as to the attitude of the American Seed Trade Association as to the use of the customary seedsmen's non-warranty clause, and

Whereas, It is advisable that there be no occasion for misunderstanding in the matter as to the association's position, therefore be it

Resolved, (1) That the association holds, as it has held from its inception, that the vendor of seeds cannot reasonably become responsible for any characteristic or property of seeds which cannot be absolutely determined before delivery.

(2) That because of fraud practiced upon seedsmen when they did not disclaim responsibility for the potential worth of seeds, a form of non-warranty has developed which has been declared valid by various high courts of law.

(3) That the non-warranty clause is essentially as follows: Messrs. _____ give no warranty, expressed or implied, as to description, purity, productiveness or any other matter of any seeds they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once.

(4) That since the validity of non-warranty is buttressed by its almost universal use, we reaffirm our recommendation that no member of the association fail to make the non-warranty clause a condition of his contracts of sale.

(5) That we reaffirm our recognition of the peculiar obligation the use

LILIES-LILIES

For Summer Work

	Per 100
Lilium Giganteum.....	\$ 6.00
Lilium Album, 8- 9 inch (170 to case).....	11.00
Lilium Album, 9-11 inch (100 to case).....	16.00

Lily of the Valley Pips

Holland Grown.....500 for \$ 9.00	Danish Grown..... 500 for \$10.50
Holland Grown .....1000 for 17.00	Danish Grown .....1000 for 20.00

GLADIOLUS (Sound Bulbs)

For Late Planting

	Per 1000		Per 1000
America, first size.....	\$10.00	Augusta, first size.....	\$10.00
America, second size.....	8.00	Princeps, first size.....	15.00
Chicago White, first size	25.00	Mrs. Francis King, 1½ in....	9.00

Chicago Vaughan's Seed Store, New York

Mention the American Florist when writing

MESSRS. KELWAY & SON

Wholesale Seed Growers and Merchants, Langport, England,

Have pleasure in announcing that their

MR. H. A. NALDRETT

Has just arrived for a business trip throughout the United States and Canada. Mr. Naldrett's address during this period will be

Care Messrs. THOMAS MEADOWS & CO., 8-10 Bridge Street, Battery Park, NEW YORK, where please write him.

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,

CHICAGO, ILL.

Mention the American Florist when writing

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

of non-warranty imposes upon us. While it protects no one from the consequences of his own fraudulent action, ignorant or malicious reports to the contrary notwithstanding, it may allow him to escape from the results of lack of due care. Thus the public is compelled to trust to the seedsman's skill and caution. Therefore should there be lack of proper care on the part of the seedsman, he would be guilty of a breach of trust.

(G) That finally we urge our members cordially to co-operate in defending the non-warranty. It has come to us as an evolution of bitter experience. To impair its force by breaking down the universality of its use or to make it the refuge of the unscrupulous is to injure us all.

Joint Committee on Nomenclature.

H. G. Hastings, chairman of the committee on nomenclature of the association, reported that he had received a communication from J. Horace McFarland, Harrisburg, Pa., chairman of the joint committee on nomenclature of the American Association of Nurserymen and the Ornamental Growers' Association, reporting that such committee had held a meeting at which it was resolved to ask the co-operation of organizations of similar ideals and similar needs to the end that there may be formed a more comprehensive joint committee later, to organize at its own pleasure, for carrying on the work of systematizing and standardizing scientific and common names of plants, trees, shrubs, seeds, etc., in all the horticultural trades in order to promote and make easier the buying of these products. Mr. McFarland pointed out the fact that it would be an obvious advantage to the American Seed Trade Association if that organization could authorize its committee to co-operate with and become a part of this joint committee. Co-operation has already been arranged for with the Society of Landscape Architects and with the American Association of Park Superintendents. He also suggested in his communication that a reasonable sum be placed at the disposal of whatever committee is appointed by the seedsmen so that a joint committee, if favorably considered, may be on a parity so far as expenditures were concerned, with the nurserymen and ornamental growers' organizations.

Report of Committee on Resolutions.

During the past year the American Seed Trade Association has lost several of its most valued members, including two past presidents. It is with sorrow that we record the following memoriams:

W. ATLEE BURPEE.

As we meet in annual convention we are deeply conscious of the great loss we have sustained by the death of W. Atlee Burpee, a man whom to know was to respect and honor. In his 40 years of service in the seed trade he dignified his calling, and by his fine judgment, ability and energy added much to the beauty and value of the world's products. In our deep sorrow we rejoice that we have had for so many years his genial presence and wise counsel.

ALBERT MC CULLOUGH.

In the death of Albert McCullough the association has lost one of its most honored and useful members, who

JOHN H. ALLAN SEED CO.

Growers of Choice Varieties on

Peas and Beans

Sheboygan, Wis.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

served for a number of years as secretary, for two terms as president, and for a number of years as chairman of its membership committee, testifying very strongly to the deep interest he took in the association's welfare and success, and the association hereby expresses to his family and business associates its heartfelt sympathy in our mutual loss. He had endeared himself to the seed trade and the members of the association very strongly by his sterling personal characteristics. His integrity, unfailing courtesy and kindness of heart, will long remain as a pleasant memory to his business friends and associates.

E. J. SHEAP.

E. J. Sheap, vice-president of the S. M. Isbell Company, Jackson, Mich., died at his home in that city, March 24, 1916, as the result of an operation. He had been identified with the seed trade since 1900, and had always taken a very active interest in all matters connected with the growing and producing of seeds. He made many friends and retained them and his untimely death will be keenly felt by all with whom he came in contact.

ALFRED BOSS.

Alfred Ross died May 14, 1916. He was born at Mill Creek, Va., July 18, 1849. He engaged in the seed business in 1884. His business relations were always conducted in accordance with the "Golden Rule." His sense of fairness and justness resulted in the making and keeping of innumerable friends and each feels that they have met with a personal loss in his sudden death.

E. REECE.

E. Reece, senior member of McKay, Reece & Co., Nashville, Tenn., died unexpectedly April 1, 1916. Mr. Reece had been prominently and actively engaged in several large enterprises, but for the past 20 years he gave his entire time and attention to the seed business. He served throughout the civil war, and rendered to the confederate army such valuable service that he was specially rewarded. Mr. Reece will be greatly missed in a large circle of friends and business acquaintances, as well as among the members of the association.

E. L. PAGE,

J. C. ROBINSON,

W. C. LANGBRIDGE.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Thorburn's GLADIOLUS

Various Choice Mixed Varieties

See our Florists Catalogue and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

VALLEY FROM STORAGE

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
1830

HOLLAND

Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

Bulb Catalog Ready Now

Suppliers to the American Trade Since 1840

Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

California Seed Crops.

There is an unusually strong demand for all seed crops that are being produced on the coast. In a general way the spring may definitely be called a dry one, and more rains would have been advantageous, still, on the whole, soil conditions are not bad.

The high prices paid for commercial beans have influenced the average farmer to put his crop into edible beans rather than look after seed stocks. The prospects for a good crop of lima beans are said to be excellent.

Onion is looking fairly good, lettuce and sweet peas rather poor, and carrot and radish fair. It is believed that the onion seed crop generally is practically out of danger from the mildew. It is thought the onion crop is a little short of last year's. Salsify is likely to be somewhat short, which also applies to carrot.

Nasturtiums, both tall and dwarf, are behaving very badly, and the prospects are for very short delivery on contract.

Sweet peas have again been attacked by the aphid.

Peas and Beans.

Grand Rapids, Mich., June 27.—Latest reports from the west indicate only a fair prospect for peas. The weather has been altogether too cold and peas have been stunted in their growth. There is only a fair stand in most cases, and we can not hope for a full crop. It is too early to make any estimates of crops.

Beans are coming up but look pretty sickly. We need hot weather, and must have it pretty soon or we get no beans in Michigan. Crops in the west look fairly good but need warmer weather. Everything is very late and the outcome all depends upon our having a late fall and some good growing weather in the meantime. B.

In the general review of crop conditions, June 1, according to the monthly crop report of the United States department of agriculture based on a 10 year average, clover is 108.8 and field beans, 103.4 per cent.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence
Solicited. **SWEDSBORO, N. J.**

Freesias California Grown



	Per 100	Per 1000
Choice, 1/2 to 5/8-in.....	\$.65	\$5.00
First Quality, 3/8 to 1/2-in...	.45	3.00

Vaughan's Improved PURITY.



	Per 100	Per 1000
5/8-in. and up..	\$2.00	\$18.00
1/2-in. to 5/8-in..	1.75	15.00
3/8-in. to 1/2-in..	1.50	12.00

PURITY--True.

5/8-in. and up..	1.75	15.00
1/2-in. to 5/8-in..	1.25	10.00
3/8-in. to 1/2-in..	1.00	7.00

FRENCH FREESIAS

Ready for Delivery About July 25.

	Per 100	Per 1000
Jumbo, 3/4-in. and up.....	\$1.25	\$10.00
Mammoth, 1/2-3/4-in.....	1.00	8.00

Vaughan's Seed Store

CHICAGO

NEW YORK

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Dutch Bulbs.

Rotterdam, Holland, June 5.—Among Dutch growers many rumors are afloat regarding the English embargo. Some now claim that the English merchants will be granted a special license to import one-third their usual supply, but the truth of this rumor has not yet been verified. Dutch growers have overbooked their crops and the quality will not be up to standard, owing to neglect at planting time and the cold spring. Thousands of diseased narcissus bulbs will be thrown away. Hyacinths, crocus and iris will be plentiful; spirea scarce.

Many fields of narcissus intended for the English trade have been plowed up and the field planted with cabbages and beans. Vegetable crops have been increased.

Foreign Notes.

Jackman's Clematis Crimson King, mentioned in our issue of June 24 as one of the most striking novelties at the recent Chelsea show of the Royal Horticultural Society of England, is of the Jackmannii type.

European papers record the death of E. Neubert, the Hamburg lily of the valley specialist, in his eighty-fifth year.

English growers are agitating in favor of legislation to establish ownership in plant novelties.

AN advice from Portland, Me., says: "It is predicted by several factors that at least 25 per cent of the sweet corn acreage in Maine will not be planted. There is never much corn planted in any section of the state after June 10. Much of the corn land not planted before that date is now so wet that it would be impossible to work on it."

THE wedding is announced of Frank Goodwin Cuthbertson, with C. C. Morse & Co., San Francisco, Calif., and Miss Evelyn Mathilde McLean, daughter of Mr. and Mrs. George McLean, of that city. At home, 6109 California street, after July 1.

THE Rocky Ford crop of vine seed will be from 50 to 75 per cent greater than the average season's planting. Very little planting was done until about May 20. The ground is in favorable condition.

CAMP CURRY, CALIF.—John and John C. Bodger and their ladies arrived here June 9 in a new Studebaker, two days' run from Los Angeles. They have made Glacier Point and will return home via the coast.

J. C. VAUGHAN, Chicago, left the closing day of the seed trade convention for the east, where he will visit Commodore Westcott at his clubhouse, Waretown, N. J., on Barnegat bay.

CABLE advice from Ollioules, France, of June 15, reports that not only the Roman hyacinths, but the Paper White Grandiflora and the Trumpet Major, are likely to be poor crop.

THE John H. Allan Seed Co., Sheboygan, Wis., reports considerable damage to Michigan and Wisconsin crops by rains, the extent of which has not yet been determined.

J. J. H. GREGORY & SON, Marblehead, Mass., report that they were unusually late in getting out their seed specialties on account of unfavorable weather.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seed**SPECIALTIES**

Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF

Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

ENGLISH CORRESPONDENCE.

Our traveling salesman, **MR. LAWRENCE S. PAYN**, who has been calling on the American trade for many years past is now in the United States and all mail should be addressed to him care **F. B. Vandergrift & Co., 15 Whitehall Street, New York.**

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Nigronette, Verbena in Variety.
Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

**R. & M. GODINEAU
SEED GROWERS**

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

PANSY SEED

My Giant Pansy seed new crop now ready, contains the finest mixtures in superb colors all grown from selected stock. Try a pkt. of this seed you will not be disappointed. 1 pkt., 5000 seeds \$1.00; ½ pkt. 50c; \$4.00 per oz.; 3 ozs., \$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Get Quotations From

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SEEDS WHICH SUCCEED

Bloomsdale
Farm.**Bristol, Pa.****ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS**J. C. ROBINSON SEED CO.**

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.



VAUGHAN'S Pansy 3 Mixtures

"Cut Flower"

Per Trade Pkt. $\frac{1}{8}$ oz. Oz. $\frac{1}{4}$ lb.
Runs to Light Colors, 25c 85c \$5.00 \$17.50

"Giant"

Per Trade Pkt. $\frac{1}{8}$ oz. Oz. $\frac{1}{4}$ lb.
Contains all the B-I-G ones, 25c 60c \$4.00 \$14.00

"International"

Wonderful Per Trade Pkt. $\frac{1}{8}$ oz. Oz. $\frac{1}{4}$ lb.
In range of colors, 50c \$1.50 \$10.00 \$35.00

Also All Separate Named Kinds and Colors.

 The Mid-Summer List Is Ready.
Ask for it.

VAUGHAN'S SEED STORE

CHICAGO: NEW YORK:
31-33 W. Randolph St. 43 Barclay St.

	Trade pkt.	$\frac{1}{8}$ oz.	Oz.
Adonis, light blue, with a white center.....	\$0.10	\$0.25	\$1.50
Andromeda, delicate apple-blossom.....	.15	.35	2.00
Beaconsfield, upper petal light lavender; lower ones deep rich purple.....	.10	.30	1.50
Boulogne Giant, mostly 3 and 5 blotched, delicately veined; colors rich and varied.....	.50	2.00	....
Bugnot, shades of red, bronze and reddish cardinal.....	.15	.40	2.50
Emperor William, dark navy blue.....	.10	.25	1.40
Golden Queen, clear golden-yellow.....	.10	.25	1.50
Mad Perret, lovely shades of pink and rose.....	.10	.30	1.80
Masterpiece (Fringed Pansy). Petals beautifully waved; exquisite colors.....	.25	.75	5.00
Orchid-Flowered, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge.....	.20	.70	2.50
Orchid Flowered Almond Blossom, delicate rose.....	.25	.50	3.00
Orchid Flowered Mammoth, an odd combination of light greenish yellow ground, with deep purple blotches.....	.25	.50	3.00
Orchid Flowered Superba. This is an improvement on the original Orchid Flowered mixed.....	.25	.50	3.00
Psyche, the five velvety violet blotches are surrounded by broad white edge.....	.20	.50	3.50
Rosy Morn, a bright purplish crimson margined with a clear white edge.....	.25	.50	....
Siegfried, 5 spotted with a clear white margin. The colors are rich brown shades.....	.25	.50	3.50
White, very large, with violet eye.....	.10	.25	1.60
Yellow, immense flowers with dark eye.....	.10	.25	1.60

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

BEGONIAS

We make a specialty of begonias; you will like our stock; prices are low, quality considered:

	Per 100	Per 1000		Per 100	Per 1000
Cincinnati, 2½-in.....	\$15.00	\$120.00	Prima Donna, 3-in....	\$ 4.50	\$40.00
Lorraine, 2½-in.....	12.00	100.00	Prima Donna, 4-in....	6.00	50.00
Chatelaine, 2½-in.....	3.50	30.00	Xmas Red, 2½-in....	6.00	50.00
Chatelaine, 3-in.....	5.00	45.00	Xmas Red, 3-in.....	8.00	70.00
Chatelaine, 4-in.....	6.00	50.00	Xmas Red, 4-in.....	10.00	90.00
Luminosa, 2½-in.....	2.50	20.00	Vernon, 2½-in.....	6.00	50.00
Erfordii, 3-in.....	6.00	50.00	Vernon, 3-in.....	8.00	70.00
Prima Donna, 2½-in..	2.50	20.00	Vernon, 4-in.....	10.00	90.00

PYFER & OLSEM, - Wilmette, Ill.

Will Exchange REX BEGONIAS,

strong plants from 2¼-inch pots, for
BOSTON FERNS, from 2¼ inch pots.

James Vick's Sons, Rochester, N. Y.

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in..... doz.,	\$1.00;	100, \$8.00

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

THE monthly report issued by the United States secretary of agriculture shows the following crop conditions June 1: Cantaloupes, 101.9; watermelons, 100.8; cabbages, 99.8; onions, 96.8.

THE estimated annual supply of potatoes in the United States based upon a yearly average from 1910-1914 is 363,298,000 bushels, or 3.8 bushels per capita. The average farm price per bushel for the period was 60.7 cents.

Prices of Indoor Fruits and Vegetables

Chicago, June 27.—Mushrooms, home grown, No. 1, 85 cents per pound; lettuce, cases, 10 to 15 cents; radishes, 75 cents to \$1.00 per 100 bunches; celery, \$1.75 to \$2.00 per crate; tomatoes, four baskets, 20 cents to 60 cents; cucumbers, per box of 2 doz., \$1.25.

New York, June 27.—Celery, per 12-inch crate, \$1.25 to \$3.50; cucumbers, 75 cents per dozen; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, 6 cents to 12 cents per pound; radishes, per 100 bunches, 50 cents to 75 cents; lettuce, per strap, \$1.50 to \$2.50; rhubarb, per 100 bunches, \$1.00 to \$1.25.

Report of Crop Shipments.

The United States department of agriculture, office of markets and rural organization, under date of June 20, reports the following carload shipments, the figures being the total reported for the season up to that date: Cabbage, (11 states and not including shipments previous to March 25) 4,719 cars; potatoes (13 states, probably incomplete) 8,308 cars; strawberries (23 states) 14,701 cars; tomatoes (six states, and not including shipments previous to March 9) 6,650 cars; cantaloupes (California, Florida and Georgia) 2,702 cars; watermelons (California, Florida and Texas) 1,114 cars.

The Cabbage Maggot.

One of the most serious and hardest pests to control is the cabbage maggot. It attacks the roots of cabbage, cauliflower, kohlrabi, turnips, radishes and also the Chinese cabbage (Pe Tsai). The work is done under ground and the enemy is therefore hard to reach. We find that this pest is also little understood by the public in general. Briefly stated, a fly, very similar to our common house fly, deposits eggs at the ground line of favorite crops, such as the above. Under favorable circumstances, in a week or 10 days the maggots hatch and at once commence to destroy the outer skin or bark of the plants infested. They do this so thoroughly that in a short time, the sap circulation is impeded and often cut off, thus wilting the plants. In radishes, if the crop is well developed when attacked,

the roots are badly discolored at first and later badly disturbed, as the attack produces a swelling at first, and later an attempt of the plant to correct the wounds causes a hardening of the tissue. Such radishes are unfit to eat and worthless; among cauliflowers the damage is most serious as the crop will at once button. Cabbage often withstands the ravages of the maggots and recover, but in that case the heads are never hard. Prevention is better than a cure, but neither course has proven a complete success. The flies have generally two breeding periods, May and August, and if we can avoid these periods, we can often get along fairly well. In our location infestation is generally the worst during the first week in May, thus cabbage and cauliflower planted into fields May 10 or after are generally safe, while the earlier lots may be a total loss. This season the loss in early cabbage will be 75 per cent, while last year there was none. The tar paper root collars, if well put on are a help, but the expense and labor are serious. No poison we have tried has given complete relief.

MARKETMAN.

Truck Crops For Canning.

The bureau of crop estimates has received from a special list of canners, reports relating to the condition on June 1, 1916, of truck crops grown for canning purposes. Correspondents were requested to estimate the condition on the basis of 100 representing a normal condition. The results of the tabulation of the replies are given below:

	Beans (snap)	Cab- bages	Corn (sweet)	Cu- cum- bers	Peas	Tomato- es
State	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
Calif.	88	..	..	..	..	74
Ind. . . . .	..	..	81	..	92	80
Iowa . . . . .	..	..	82	..	..	77
Mich. . . . .	..	..	..	..	..	94
Minn. . . . .	..	..	70	..	..	..
Mo.	88	98	88	88	100	69
Md.	92	76	83	..	80	83
Neb. . . . .	..	..	85	..	..	89
N. J. . . . .	..	..	..	..	..	91
N. Y. . . . .	..	..	78	..	75	84
Ohio . . . . .	..	84	83	..	81	84
Pa. . . . .	..	..	71	..	74	78
Tenn.	92	..	..	..	..	82
Utah. . . . .	..	..	..	..	72	83
Va.	79	76	79	83	83	79
Wis. . . . .	..	..	71	..	81	..



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

2½ and 4-inch pot ROSES

In Good Assortment.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

Mention the American Florist when writing

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower, PEKIN, ILL.

Mention the American Florist when writing

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School

Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Mention the American Florist when writing

The Geo. Wittbold Company

737 Buckingham Place
CHICAGO, = = = ILLINOIS

Special Wholesale Price List==Summer and Fall, 1916

CYCLAMEN

We have from year to year been growing these popular winter flowering plants in steadily increasing quantities. The demand for them is such that our supply of plants, however large it may be, quickly gets exhausted.

Our methods of cultivation have proved singularly successful. The plants are healthy, stocky and strong; the results consequently and invariably satisfactory, both to our many customers and to us.

As to the selection of colors and strains, we have been more careful than ever to get only the best, as can be seen from the following list of international strains, which can be had either in separate colors or assorted. As the orders come in, we pick out

the heaviest, best leaved plants of a splendid stock of about 40,000.

Wonder of Wandsbek, Sunset.
Glory of Wandsbek, Excelsior.
Rose of Wandsbek, Prince of Wales.
Dark Red, White with Pink Eye.
Brilliant Red, Princess May.
Bright Red, Salmon King.
3-inch assorted colors: \$8.00 per 100; \$75.00 per 1,000.
3-inch separate colors \$9.00 per 100; \$80.00 per 1,000.
4-inch, ready in August, mixed colors, \$15.00 per 100; \$140.00 per 1,000.
4-inch, ready in August, separate colors: \$16.00 per 100; \$150.00 per 1,000.
500 plants at 1,000 rate.



Cyclamen.

HYDRANGEA HORTENSIS

These popular plants are also grown on a very large scale at our Edgebrook Establishment, the capacity of which has been largely increased this year. Our method of growing these plants in pots plunged in the open over Summer makes strong well matured stock for forcing next Winter.

There is always a demand for the Japanese Otaksa, but the French varieties, which come in assorted colors, seem to be in

greater favor at present. We have both kinds.

4-inch assorted at \$1.00 per doz.; \$9.00 per 100; \$80.00 per 1,000.
5-inch assorted at \$3.00 per doz.; \$22.50 per 100; \$200.00 per 1,000.
500 at the 1,000 rate.
6-inch at \$4.20 per doz.; \$32.50 per 100.
7-inch at \$6.00 per doz.; \$45.00 per 100.
8-inch at \$9.00 per doz.
9-inch Specimens at \$12.00 per doz.



Hydrangea Hortensis.

Primula Obconica.

Assorted rich colors, 3-inch, ready for middle of July, at \$5.00 per 100.

Aspidistra Elatior.

Tall, fine plants, green-leaved, at 10 cts. per leaf; variegated at 15 cts. per leaf. The plants are in 5 and 6-inch pots and have from 8 to 12 leaves each.

Asparagus Plumosus.

3-inch at \$6.00 per 100.

Asparagus Sprengeri.

2-inch at \$2.50 per 100; \$22.50 per 1,000.

Araucaria Excelsa.

5-inch at \$9.00 per doz.
6-inch at \$12.00 per doz.

Anthericum Variegatum.

4-inch at \$2.00 per doz.; \$15.00 per 100.
Anthericum Mandaianum, 3-inch at \$1.50 per doz.

Palms.

Cocos Weddelliana, 2-inch, \$1.75 per doz.; \$14.00 per 100.
Kentia Belmoreana, 2-inch, at \$1.50 per doz.; \$12.00 per 100.
Kentia Belmoreana, 4-inch, at \$4.50 per doz.
Kentia Belmoreana, 5-inch, at \$6.00 per doz.
Kentia Forsteriana, 2-inch, at \$1.50 per doz.; \$12.00 per 100.
Kentia Forsteriana, 3-inch, at \$2.00 per doz.; \$15.00 per 100.
Latania borbonica, 6-inch, at 75 cts. each.
Latania borbonica, 7-inch, at \$1.00 each.
Latania borbonica, large, 10-inch, at \$4.00 each.

Boxwoods.

Bushes, heavy, 24-inch, at \$1.50 each.
Pyramids, 36-inch, at \$3.00 each.
Standards, 12 to 18-inch stems, 15-inch crowns, at \$2.00.
Standard Globes, with short stems, 16-18-inch heads, at \$4.00 each.

English Ivy.

3-inch at \$6.00 per 100.
4-inch at \$10.00 per 100; \$95.00 per 1,000.

Ficus Elastica.

3-inch at \$2.00 per doz.; \$15.00 per 100.

Pandanus Veitchii.

3-inch, well colored, at \$3.00 per doz.

ROOTED CUTTINGS OF GERANIUMS.

Orders taken now for Fall and Winter Delivery (September-March inclusive) for the following leading varieties:

S. A. Nutt at \$1.25 per 100; \$12.00 per 1,000.
Alph. Ricard at \$1.25 per 100; \$12.00 per 1,000.
Jean Vaud at \$1.25 per 100; \$12.00 per 1,000.
Mme. Buchner at \$1.25 per 100; \$12.00 per 1,000.
Beauty of Poitevine at \$1.50 per 100; \$14.00 per 1,000.
—500 at the 1,000 rate—

Boston Ferns.

3-inch at \$1.00 per doz.; \$7.00 per 100.
4-inch at \$1.50 per doz.; \$10.00 per 100.
8-inch specimens at \$1.00 each.

Whitmani Ferns.

3-inch at \$1.00 per doz.; \$7.00 per 100.
4-inch at \$1.50 per doz.; \$10.00 per 100.

Pteris Tremula.

4-inch at \$8.00 per 100.
Aspidium Cyrtomium and Pteris assorted, 3-inch at \$6.00 per 100; 4-inch at \$9.00 per 100.

Cyperus Alternifolius.

5-inch at \$1.50 per doz.; \$12.00 per 100.
Coleus, Brilliancy, 2-inch, at \$3.00 per 100.
Coleus, Trailing Queen, 2-inch, at \$2.50 per 100.

Dracaena Indivisa.

2-inch at \$3.00 per 100.
3-inch at \$0.75 per doz.; \$6.00 per 100.
4-inch at \$1.25 per doz.; \$10.00 per 100.

Geraniums in Flowers.

3½-inch, S. A. Nutt, Jean Vaud, Alph. Ricard, at \$6.00 per 100.

Caladium Esculentum.

Pot grown, 3½-inch, at \$6.00 per 100.

Sansevieria Zeylanica.

3-inch, thrifty plants, at \$1.00 per doz.
4-inch, thrifty plants, at \$2.00 per doz.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June 28-30, 1916.

Nursery Stock at Auction.

The Elliott Auction Co., of New York, writes as follows, June 23, with reference to nursery stock at auction: "An auction house planted in Neptune's pond 150 cases of nursery stock. No doubt the finny tribe will appreciate swimming amongst the foliage, but hard to the Dutch consigners. This might be an object lesson to them in the future that this country is no dumping ground for the whole of Holland."

American Association of Nurserymen.

As we go to press, the American Association of Nurserymen is in annual convention at Milwaukee, Wis., the meeting being called to order Wednesday, June 28, and continuing three days, with headquarters at the Hotel Wisconsin. A true spirit of co-operation is manifest at this, the forty-first annual gathering of the members of this organization, with an attendance comparing favorably with any former gathering. With the adoption of the new constitution at the Detroit convention last year, the determination to place the association on the highest possible plane is manifest, both in the substantial increase in membership and the interest taken in the proceedings.

The convention opened on schedule time Wednesday morning with an attendance of some 250. Prayer was offered by Rev. Charles E. Odell, and Mayor Hoan welcomed the visitors. President Welch delivered his annual address and the reports of the secretary and treasurer were presented, the latter showing a balance of \$8,000 in favor of the association. There was a lively discussion on excluding associate members from executive sessions. Henry Chase, of Chase, Ala., delivered his address on "The Value of Membership in the American Association of Nurserymen," and W. H. Wyman, Abington, Mass., read his paper on "A Practical Business Meeting of Nurserymen," emphasizing the necessity of keeping nursery business for nurserymen.

The quality of the programme arranged for this meeting has probably never been excelled in the history of the association, the wide range of topics and discussions being full of interest and profit. The following papers in addition to those read at the opening session will be presented during the convention: "A Greater American Association of Nurserymen," by J. R. Mayhew, Waxahatchie, Tex.; "Who Shall Receive Trade Prices", by John H. Dayton, Painesville, O.; "A Safe Non-warranty Clause for Nurserymen", by L. A. Breck, Lexington, Mass.; "Statistics", by John Watson, Newark, N. Y.; "Tariff", by Irving Rouse, Rochester, N. Y., followed by a discussion on "Are Higher Duties Desirable", by Geo. C.

Perkins, John H. Dayton, Geo. C. Roeding, Frank Weber and Thomas B. Meehan; "Fair Play Nursery Advertising", by Frank B. White, Chicago; "Cheaper, More Productive Advertising", by E. H. Favor, St. Joseph, Mo.; "Co-operative Nursery Publicity", by J. Horace McFarland, Harrisburg, Pa.; "Practicable Publicity Plans for the A. A. of N.", by Jefferson Thomas, Jacksonville, Fla.; "Proper and Uniform Bunching, Packing and Handling of Nursery Stock", by Herbert Chase, Delta, Colo.; "Danger Ahead", by Prof. J. G. Sanders, Madison, Wis.; "White Pine Blister Rust Quarantine", by Prof. F. L. Washburn, St. Anthony Park, Minn.; "Accepted Horticultural Names", by Prof. L. H. Bailey, Ithaca, N. Y.

Following the close of the business sessions with the meeting Friday noon, the visitors will be the guests of the Good Roads Association of Milwaukee County and the Merchants' and Manufacturers' Association, the programme which is in the hands of T. J. Ferguson of Wauwatosa in charge of local arrangements to include an automobile trip, visiting many points of interest in the city and vicinity and the inspection of a number of the mammoth local industries.

The Exhibits.

Bartlett Mfg. Co., Detroit, Mich., pruning tools.
Benton Review Shop, Fowler, Ind., catalogues.
The Benjamin Chase Co., Derry, N. H., wood labels.
Christy Engraving Co., Rochester, N. Y., colored plates.
Corn Belt Nursery & Forestry Association, Bloomington, Ill., tree digger.
Dayton Fruit Tree Label Co., Dayton, tree labels.
Eschrich Nursery & Floral Co., North Milwaukee, Wis., cut flowers.
Harrison's Nurseries, Berlin, Md., trees and shrubs.
McFarland Publicity Service Co., Harrisburg, Pa., stereopticon and lithographs.
Thomas Meehan & Sons, Dresher, Pa., raffia.
A. B. Morse & Co., St. Joseph, Mich., catalogues and lithographs.
Rochester Lithographing Co., Rochester, N. Y., lithographs.
Vincennes Nurseries, Vincennes, Ind., one and two-year old cherry trees.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

TREE, SHRUB AND PALM . . SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES, CALIF.



JAPANESE TEA GARDEN —AND— ROCKERY

For your summer house,
made in a short time,
T. R. OTSUKA,

300 S. Michigan Ave., Chicago.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

Mention the American Florist when writing

— THE —

Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

PAINESVILLE, - OHIO

Mention the American Florist when writing

PEONIES and IRIS

Catalog now ready.

PETERSON NURSERY

Stock Exchange Building, CHICAGO, ILL.

Our Guarantee

We will replace with three all plants
not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Field-Grown Carnation Plants

Extra fine stock, ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WHITE PERFECTION.....	\$4.50	\$40.00
ENCHANTRESS.....	4.50	40.00	WASHINGTON.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
ROSE PINK ENCHANTRESS, 4.50		40.00	BEACON.....	5.00	45.00

PETER REINBERG

WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipee Avenues.

SAN FRANCISCO, CALIF.

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HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes. Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuja, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS

LARGEST GROWERS IN AMERICA

WHOLESALE GROWERS AND IMPORTERS

Box 404, DUNDEE, ILL

Mention the American Florist when writing

Plant Bargains

Achyranthes bicolor.....
Achyranthes Panache de Bailey...
Swainsona alba.....
Penstemon Southgate Gem.....
Heliotrope Mammoth Mixed.....
Feverfew Golden Feather.....

\$2.00 per 100; \$15.00 per 1000.

Heliotrope, light blue, 3 inch, \$4.00 per 100; \$35.00 per 1000.

Vaughan's Seed Store, CHICAGO NEW YORK

Robert Craig Co...

High -
Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Mention the American Florist when writing

BEGONIAS

Now Ready for Delivery

Glory of Cincinnati, 2½-in. pots,
\$15.00 per 100.

Mellor, 2½-in. pots, \$20.00 per 100.

Mrs. J. A. Peterson (new), 2½-in.
pots, \$25.00 per 100.

CYCLAMEN GIGANTEUM

Our own improved strain, strong
3-in., \$10.00 per 100.

ASPLENIUM NIDUS AVIS

Finished plants, \$6.00, \$12.00
and \$18.00 per dozen.

J. A. Peterson & Sons

Westwood, CINCINNATI, OHIO.

Cash with order from unknown
correspondents.

Mention the American Florist when writing

Rose Plants.

White Killarney—Grafted, \$7.50 per 100; \$50.00 per 1000.
Killarney Brilliant—Own Root, \$1.00 per 100; \$35.00 per 1000.

J. A. BUDLONG,

184 North Wabash Avenue, CHICAGO

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....2.50 each
Globes, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

PALMS.

Joseph Heacock Co.,

Wyncote, Pa.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN

Mention the American Florist when writing

GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poltevine.....12.50 per 1000

ALBERT M. HERR, LANCASTER, PA

Mention the American Florist when writing

Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....\$5.00 per 100
3-in. pots.....8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants
1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

25,000 Chrysanthemums READY NOW

In over 20 varieties; early, medium and late, from 2 and 2½ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey.

Mention the American Florist when writing

FIELD GROWN

Carnation Plants.

Per 100 Per 1000
Pink Enchantress\$5.00 \$45.00
Rosette5.00 45.00

Geraniums.

Poltevine—Ricard—Nutt—

Strong healthy 4-inch stock, in bloom
\$8.00 per 100.

Boxwood Plants IN TUBS

	Each	Pal
PYRAMIDS— 2½-ft.....	\$2.00	\$3.75
3 -ft.....	2.50	4.50
3½-ft.....	3.50	6.00
4-ft.....	4.50	8.00
BUSH— 24-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS— 18-20-inch stem, 12-inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBES— 15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN— 12-inch.....	\$0.45	\$4.50	\$35.00
18-inch.....	.75	8.00	50.00
GREEN— 18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED— 12 to 18-inch.....	\$0.60	6.00	50.00

Ampelopsis Veitchi, 3-yr., Pot-Grown, Doz., \$3.00; 100, \$20.00

VAUGHAN'S SEED STORE, CHICAGO NEW YORK

CHRYSANTHEMUMS

Now Ready from 2¼-inch pots.

COMMERCIALS.

Golden, Antique, Unaka, Marigold, Smith's Advance, White Bonaffon, Smith's Ideal, Golden Glow, Minnie Bailey, Major Bonaffon, Pacific Supreme, White Chieftain, Clementine Touset, Glory of Pacific, Mrs. H. Robinson, Yellow Eaton. \$3.00 per hundred; \$25.00 per thousand.

SINGLES.

Stanley Ven, Allegheny, Mrs. E. D. Godfrey, Polly Duncan, Clea, Miss Isabelle. \$3.00 per hundred; \$25.00 per thousand.

POMPONS.

Golden Climax, Neola, Clorinda, Zenobia, White Jitsujetui, Western Beauty, Iva, Julie Lagravere. \$3.00 per 100; \$25.00 per thousand.

Not less than 25 of a variety at hundred; 250 of a variety at thousand rate.

Reference or cash from unknown correspondents. These prices are to those in the trade only.

ELMER D. SMITH & CO.,
ADRAIN, MICH.

Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

Mention the American Florist when writing

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Published weekly. The Largest Brightest and Best British Trade Publication. Also

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Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Mention the American Florist when writing

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market. Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8 00 per 100, \$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis, Mo.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9 per 1,000; \$1.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcheri seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Asparagus plumosus, 3-in., \$6 per 100; Sprengeri, 2-in., \$2.50 per 100; \$22.50 per 1,000. The George Wittbold Company, 737 Buckingham Place, Chicago.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

ASTERS.

ASTER PLANTS, by mail or express prepaid. Semple's Branching, large, well-rooted plants, 65c per 100; \$3.75 per 1,000. Harry H. Squires, Remsenburg, N. Y.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Spring Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonias. We make a specialty of them.		
	100	1,000
Chatelaine, 2½-in.	\$ 3.50	\$ 30.00
Chatelaine, 3-in.	5.00	45.00
Chatelaine, 4-in.	6.00	50.00
Erfordil, 3-in.	6.00	50.00
Luminosa, 2½-in.	2.50	20.00
Luminosa, 3-in.	4.50	40.00
Luminosa, 4-in.	6.00	50.00
Prima Donna, 2½-in.	2.50	20.00
Prima Donna, 3-in.	4.50	40.00
Prima Donna, 4-in.	6.00	50.00
Xmas Red, 2½-in.	6.00	50.00
Xmas Red, 3-in.	8.00	70.00
Xmas Red, 4-in.	10.00	90.00
Vernon, 2½-in.	6.00	50.00
Vernon, 3-in.	8.00	70.00
Vernon, 4-in.	10.00	90.00
Lorraine, 2½-in.	12.00	100.00
Cincinnati, 2½-in.	15.00	120.00
Pyfer & Olsem,		Wilmette, Ill.

BEGONIAS—Immediate Delivery.

	Per 100
Lorraine, 2½-in. pots.	\$ 12.00
Cincinnati, 2½-in. pots.	15.00
Mrs. J. A. Peterson (new), 2½-in. pots.	25.00
Per 1,000	200.00
JULIUS ROEHRS CO.	Rutherford, N. J.

BEGONIAS.

BEGONIAS.

Xmas Red, 2½-in.	\$5.00 per 100
Xmas Red, 3-in.	8.00 per 100
Erfordil, 2½-in.	3.00 per 100
Erfordil, 3-in.	6.00 per 100
Chatelaine, 2½-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2½-in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordil, Prima Donna, luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed. ERNEST ROBER, Wilmette, Ill.

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, June, July and later delivery, 2½-in., strong. For varieties and prices see advertisement elsewhere in this issue. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonias, 2½-in. pots, immediate delivery. Glory of Cincinnati, \$15 per 100; Mellor, \$20 per 100; Mrs. J. A. Peterson, (new), \$25 per 100. J. A. Peterson & Sons, Westwood, Cincinnati, O.

Begonia, Gloire de Lorraine, 2½-in., \$13 per 100; \$125 per 1,000. Glory of Cincinnati, 2½-in., \$15 per 100; \$140 per 1,000. Wm. F. Kastling Co., 383-387 Ellicott St., Buffalo, N. Y.

TUBEROUS BEGONIAS, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed. ERNEST ROBER, Wilmette, Ill.

Rex Begonia, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

	Each.
Boxwood, 12-15-in.	.35c
24-30-in.	\$1.25 to 1.50
Pyramids, 2-2½ ft.	1.75
Heavy	2.00
3-3½ ft.	2.50
Heavy	3.00
4 ft.	4.00
Standard, 12-in.	2.50
15-in.	3.50
Globes, 12-in.	1.75
15-in.	2.50
All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.	
ERNEST ROBER,	Wilmette, Ill.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each. 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Dundee, Illinois.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Lilies for summer work. Lilium Giganteum, \$6 per 100; Lilium Album, 8-9-in. (170 to case), \$11 per 100; 9-10 in. (100 to case), \$16 per 100. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs. Rainbow Freesias, of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000; \$187.50 per 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. Imported for forcing. French, Japanese, Dutch. Also Bermuda and California stocks. Write for prices. Vaughan's Seed Store, Chicago and New York.

Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kastling Co., 383-387 Ellicott St., Buffalo, N. Y.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia. Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Washington, Joe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation Aviator, Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery July 1st, J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Cottage Maid, a sport of Mrs. C. W. Ward, will be disseminated 1916-17. Cottage Gardens Co., Inc., Queens, N. Y.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink, it's a dandy, you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemum. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.**

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings		Cut Back Plants	
	100	1000	100	1000
Col. D. Appleton, yel.	\$2.00	\$18.00	\$2.00	\$20.00
Bonnafton, yellow	2.00	18.00	2.00	20.00
Dr. Enguehard, pink	2.00	18.00	2.00	20.00
Halliday, yellow	2.00	18.00	2.00	20.00
Intensity, red	2.00	18.00	2.00	20.00
Chieftain, pink	2.00	18.00	2.00	20.00
Bronze Touse, bronze	2.00	18.00	2.00	20.00
Golden Queen, yellow	2.00	18.00	2.00	20.00
Marigold, yellow	2.00	18.00	2.00	20.00
White Chadwick	3.00	25.00	2.00	20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of Pompoms in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings		Cut Back Plants	
	100	1000	100	1000
Lulu, white	\$2.00	\$18.00	2.00	20.00
Baby, yellow	2.00	18.00	2.50	20.00
Overbrook, yellow	2.00	18.00	2.50	20.00
Mrs. Astor, yellow	2.00	18.00	2.50	20.00
Sabey, yellow	2.00	18.00	2.50	20.00
Cubit, tan	2.00	18.00	2.50	20.00
E. D. Godfrey, pink	2.00	18.00	2.50	20.00
Croesus, bronze	2.00	18.00	2.50	20.00
Tiber, brown and red	2.00	18.00	2.50	20.00
Mensa, white	2.00	18.00	2.50	20.00
Quinol, yellow	2.00	18.00	2.50	20.00
Pretoria, yellow	2.00	18.00	2.50	20.00
Zenobia, yellow	2.00	18.00	2.50	20.00
Mary Richardson, terra cotta	2.00	18.00	2.50	20.00
Aglol, variegated	2.00	18.00	2.50	20.00
H. Hicks, brown	2.00	18.00	2.50	20.00
Klondyke, yellow	2.00	18.00	2.50	20.00
Mrs. F. Beu, bronze	2.00	18.00	2.50	20.00
Sylvia, red	2.00	18.00	2.50	20.00
Sydania, yellow	2.00	18.00	2.50	20.00
Miss Julia, yellow	2.00	18.00	2.50	20.00
Lillia, red	2.00	18.00	2.50	20.00
Mrs. Buckingham, pk.	2.00	18.00	2.50	20.00
Souy, Melanilla, pink	2.00	18.00	2.50	20.00
Baby Margaret	2.00	18.00	2.50	20.00
Diana	2.00	18.00	2.50	20.00
Golden Climax	2.00	18.00	2.50	20.00

WIEGOR BROS.,

Chicago, Ill.

CHRYSANTHEMUMS. rooted cuttings out of soil or cut back plants, good stock. Yellow Bonnafton, Chas. Razer, Robt. Halliday, Nagoya, Dr. Enguehard, Wm. Turner, Alice Salmon, Zenobia, Diana, and Mrs. F. Beu. \$1.20 per 100; \$11 per 1,000. Cash or C. O. D. James Psenicka, Grosse Point, Ill.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Pompon. Over 100 varieties. \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

COLEUS.

Coleus, Emperor Wilhelm. 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

COLEUS. good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS. 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.**CYCLAMEN.**

Best strain of Christmas varieties—glowing red, red with dark eye, white with red eye, pure white. Splendid plants out of 3-in. pots. \$8.00 per 100 assorted in the above varieties.

	Per 100
Rose of Marienthal, soft cerise, 3-in. pots	\$12.00
Rose of Wandsbek, bright salmon, 3-in. pots	12.00
Schoene Dresdnerin, soft salmon rose, 3-in. pots	12.00
Pearl of Zehlendorf, bright salmon rose, 3-in. pots	12.00
Glory of Wandsbek, bright rose, 3-in. pots	12.00
An assortment of the above nine varieties at \$10.00 per 100. Can be shipped from now on.	

ANTON SCHULTHEIS,

316 Nineteenth St., College Point, L. I.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including Improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN. Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CYCLAMENS. for immediate delivery. Best strain. Separate colors or mixed, 3-inch pots, \$8 per 100. JULIUS ROEHR'S CO., Rutherford, N. J.

Cyclamen. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

DAHLIAS.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williamstown June, N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA. 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA. 5-in., 35c. Harry Hehl, West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Four-inch Boston Ferns, \$15.00 per hundred. Five-inch Boston Ferns, \$25.00 per hundred. Six-inch Boston Ferns, \$50.00 per hundred. Seven-inch Boston Ferns, \$9.00 per dozen. Eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK Greenhouses, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, Kentias, H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

Ferns, Boston and Whitman, 3-in., \$1 per doz.; \$7 per 100; 4-in., \$1.50 per doz.; \$18 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS. Extra strong 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator Rodgers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

GERANIUMS. Finest assortment of double and single, fancy varieties. Vincent stock. These were grown for our catalog trade. If you wish something different from those usually grown, here is a chance to secure stock very reasonable, strong, bushy, in assorted colors, 3¼-in. pots at \$6 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Ia.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Vland and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS. Rose. Large and skeleton leaf green, 2-in., at \$2; 3-in., \$3 per 100. Variegated leaf, 2-in., at 50c per dozen. Joseph Bancroft & Son, Cedar Falls, Ia.

GERANIUMS. 4-in. Nutt and Jean Vland, 7c; select Poitevine, 8c. Cash, please. Heltman-Oestreicher Co., North Avenue and 56th St., Milwaukee, Wis.

Geraniums, strong, healthy, 4-in. stock in bloom. Poitevine—Ricard—Nutt, \$8 per 100. J. A. Budlong, 184 North Wabash Ave., Chicago.

GERANIUMS.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. E. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladiolus, sound bulbs, for late planting. America, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000; Chicago, 1st size, \$25 per 1,000; Augusta, 1st size, \$10 per 1,000; 2nd size, \$8 per 1,000. Mrs. Francis King, 1½-in., \$9 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell. The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

Heliotrope, light blue, 3-in., \$4 per 100; \$35 per 1,000. Vaughan's Seed Store, Chicago and New York.

HELIOTROPE. 2-in. strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA. 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00; each in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

Hydrangeas, 50c, 75c and \$1.00 each; larger specimens, \$3.00 to \$5.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

IRISES.

German Iris, strong divisions. For July and August planting. For varieties and prices see advertisement on front cover of this issue. Vaughan's Seed Store, Chicago and New York.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY. 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY. rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS. mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley Pips. Holland grown, \$9 per 500; \$17 per 1,000; Danish grown, \$10.50 per 500, \$20 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the Valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

Lily of the Valley, from storage. H. N. Bruns, 3032 Madison St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MIMULUS.

MIMULUS, 4-in. at \$8.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

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Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Company, 737 Buckingham Place, Chicago.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

PHOENIX CANARIENSIS—In all sizes. Special price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies, superb strain, fall transplanted, \$1.25 per 100; \$10 and \$15 per 1,000. Cash please, Leonard Cousins, Jr., Concord Junction, Mass.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 4-in., at 25c each; 6-in. at 75c each; 7-in. at \$1.50 each; 10-in. at \$4.00 each; 12-in. at \$5.00 each. Fine, well colored plants. Henry Smith, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, ever-blooming class. Easter Greeting and its three sports, Lucy Becker, Swabian Maid and Wurtembergia, strong 2-in., \$8.00 per 100. We guarantee Swabian Maid and Wurtembergia to be equal to Easter Greeting if you get them true to name. We were the first to introduce the above four kinds in this country. Send for pelargonium catalog. F. H. DeWitt & Co., Wooster, O.

PELARGONIUMS. 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, strong, 2½-in., (true Xmas type) \$6 per 100; \$50 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

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PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

	100	1,000
Killarney	4.00	35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	35.00
White Killarney	4.00	35.00
American Beauty	5.00	45.00

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L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSES, 2½-inch grafted and 2½-inch own root plants for immediate delivery.

	2½-in.	2½-in. Grafted. Own Rt.
	Per	Per
	1,000	1,000
Killarney .....	.....	\$56.70
White Killarney	100.00	.....
Killarney Brilliant	100.00	.....
Elgar (special only)	100.00	.....
Old Gold	100.00	.....

POEHLMANN BROS. CO.,

MORTON GROVE, ILLINOIS.

ROSE PLANTS.

4,000 strong 2½-in. Pink Killarney, \$20 per 1,000. 4,000 White Killarney, Bench Plants, \$20 per 1,000.

GEORGE REINBERG,
162 North Wabash Avenue, Chicago

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose plants. White Killarney, grafted, \$7.50 per 100; \$50 per 1,000. Killarney Brilliant, own root, \$4 per 100; \$35 per 1,000. J. A. Budlong, 154 North Wabash Ave., Chicago.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses. 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Penna.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, asparagus and flower for present sowing. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seed, Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

SEEDS.

Seed, Flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Watermelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Boigiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed, Pansy. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seed, Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed, High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's Langport, Eng.

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Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

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Seeds. Choice pea and bean. John H. Allan Seed Co., Sheboygan, Wis.

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Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

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SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

STEVIA.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Grosse Point, Ill.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

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To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

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CELERY PLANTS. Golden self-blanching (French strain), Giant Pascal and Winter Queen, fine plants, ready for the field, \$2.00 per 1,000; 5,000 for \$7.50. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Yellow Jersey sweet potato plants, well rooted, 20c per 100; \$1.75 per 1,000. Cash with order. THE DAVIS BROS. FLORAL CO., Box 127, Centerville, Ind.

Vegetable plants, cabbage and celery, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCAS. 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

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Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

The Peerless Blower for distributing sulphur, lime or any powdery substance. Edw. E. McMorran & Co., 166 N. Clinton St., Chicago.

Catalogs or catalog covers. Get our prices. Write for a copy of our 80-page stock catalog for nurserymen, Gillies Litho. & Printing Co., Rochester, N. Y.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Perennials for cuttings. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

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Boiler flues, cleaned and trimmed. Also Stuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

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Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

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BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

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By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

MISCELLANEOUS.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

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Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues, Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchinson & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.35; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance on greenhouses, hothouses and glass. Hail insurance on growing crops. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

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Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

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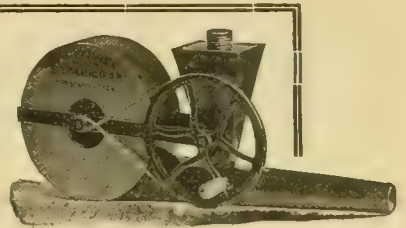
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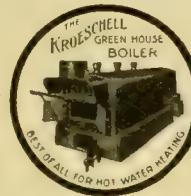
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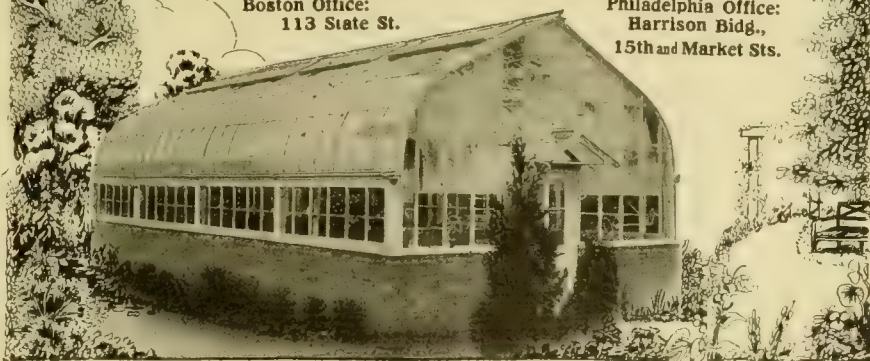
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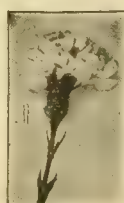
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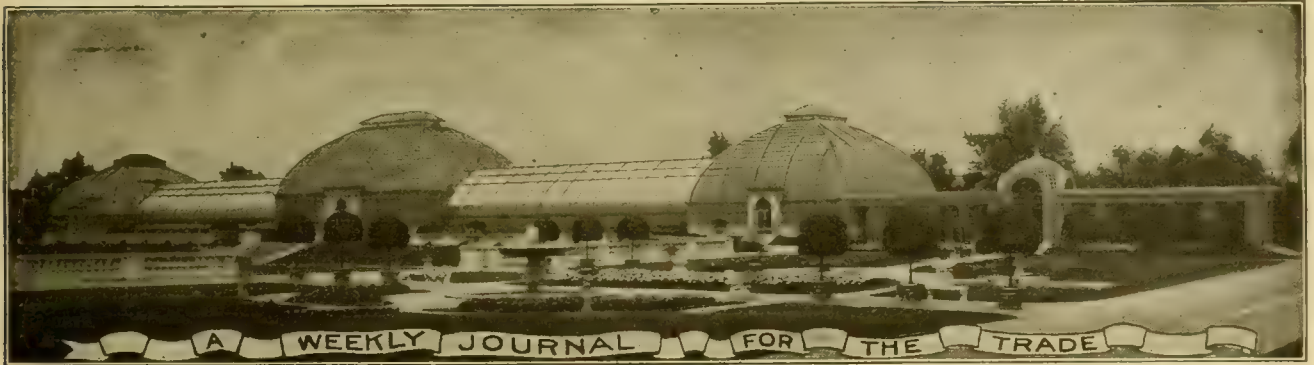
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THE AMERICAN FLORIST



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ORCHIDS GAIN IN POPULARITY.

Florists Use Limited Number of Types.

If anyone had told the camellia grower of 40 years ago that this flower, then so popular, was soon to lose its prestige and pass out as a factor in the cut flower business, he would have been thought very visionary, and found few, if any, to agree with him. The advent of the rose, however, a few years later, caused a wonderful change in sentiment, the camellia being soon forced into the background. The queen of flowers has since, and perhaps always will, hold first place, but of recent years it has had to give way in a large measure to orchids, the growing popularity of the cattleya family enabling them to become a leader for choice work, whose position looks good for a long time to come.

With the introduction of the orchid, very high prices were at first obtained for the flowers; the plants were found principally in private collections, but gradually their cultivation was taken up by commercial growers. Cypripediums were the first offered in any quantity, as a number of growers found they could be grown with other stocks and made a good holiday crop. The great beauty of the cattleya and the high prices obtained, prompted a number of the trade to lay in a stock of plants. While at first the cost of a stock of any size is very expensive, the plants were found fairly easy of growth, though the results obtained by expert growers is very much better than the hit or miss, or trust to luck plan of the man running a few as a side line in connection with other plants.

The first, and, in fact, only grower who devoted his entire attention to the orchid in Philadelphia is Alphonse Pericat, of Collingdale, to whom your scribe is indebted for the information contained in this article.

To grow orchids for their flowers as a business, requires quite a lot of capital, as the stock plants are expensive and are in the case of cattleyas almost impossible to propagate; in fact, as the plants wear or die out, they have to be replaced with fresh importations from their native habitat. When

cattleyas, which come almost entirely from the countries of Central and South America, are received, they are laid out under the benches for a while, where the bulbs take up the moisture and swell considerably. Five and six-inch, half, or azalea pots, are generally used for potting, together with a quantity of broken flower pots for drainage. Should the roots be long they are placed in the pot and the space filled, so as to get the crocks among the roots up to an inch and a half from the top, which space is filled with osmundi, or fern peat, hammered in good and firm. As the plants become established they send roots out over the surface of the peat and often cling to the sides of the pot. Until they become established not much bloom can be looked for, although strong plants will sometimes throw spikes of several large flowers before any root growth is apparent. While some flowers may be cut the second year, they are at their best from their third to fourth year, and continue until the eighth or, with some plants, the tenth season, after which they no longer carry enough flowers to pay and must give way to new stock.

Mr. Pericat does not believe in fertilizers, nor does he think forcing is any assistance; urging, with additional heat, may bring them on a trifle faster, but at the expense of the plants. In summer, their growing season, they need and can stand a great deal of water if properly drained, at least once a day, but in the cool weather they should be kept on the dry side, and watered sparingly once or twice a week. This is following the natural treatment of the tropics, where there is great rainfall in the growing season and very little in the resting or cooler period; the winter temperature is from 50° to 55°. Mr. Pericat saves all the rain water he can, storing it in tanks under his middle tables, watering with this by means of a force pump operated by a gasoline engine. He has hydrant water for reserve.

During the summer months he shades the houses with a coating of white lead and gasoline, which lasts much longer than whitewash and is

easily removed in the fall. In England they shade entirely by a system of rolling slats or mat shades, which are let down or rolled up as occasion requires. There they avoid direct sunshine but give all the light possible. They go to much trouble in England to keep temperature down in summer, even running water outside the house over the glass from a pipe along the ridge.

Cattleyas should be repotted about every two years, changing the osmundi, or fern peat, entirely. Orchids, as well as nearly all other tropical plants, are subject to scale, which must be prevented from getting a foothold; thrip is also an insect that must be looked after. Nicotine sprayed on is very good, but most scale must be scraped off. Tobacco stems on the pipes are easily applied and makes it harder for the thrip.

A splendid lot of *Shröderii* had just arrived, the plants having 6 to 30 bulbs to a clump. These are to be potted up in two or three weeks. The bulbs looked plump and healthy.

Schröderæ flowers in the spring, followed by *mossiae*. *Gigas*, the largest of them all, is also a summer flowering sort. *Labiata* and *Gaskelliana* are at their best in early fall, while *Trianæ* and *Percivaliana* are the great winter flowering sorts. While many of the varieties vary considerably in coloring, the variety *Trianæ* is peculiar in this respect, as Mr. Pericat says it is almost impossible to find any two flowers exactly alike. He thinks the cattleyas, while very showy, are getting too plentiful and that the spray varieties are coming more into vogue for all choice work, such as sprays and table decorations. He finds a good demand for all the *Vanda cerulea* he can cut. A house full of this variety looked strong and vigorous; they are kept cool and dry in winter, down as low as 50°. At one time, due to an accident to the boiler, the temperature fell nearly to the freezing point, but failed to have an injurious effect on the stock, which seemed to flower better that season than before. He likes shade for the *Vanda*, as the sunshine bleaches the light blue color of the flowers, which is the feature of this variety.

Oncidium varicosum Rogersii is the best commercial oncidium, producing splendid sprays of bloom. A number of plants were at this time (Aug. 1) throwing up fine long sprays thick with buds which would soon be showing color.

Odontoglossums are most beautiful spray orchids, but they do not do well in this country, the climate being too hot and dry; even in the cooler atmosphere of Belgium, where many were forced, the houses were kept cool by artificial means.

Dendrobium formosum is handled by Mr. Pericat quite largely. These require plenty of heat and light, and were suspended from the rafters of one of the large houses, close to the glass. In the last few years he has imported plants of this variety that bloom in the summer; they appear exactly like the older sort, with the exception that they bloom apparently out of season. Mr. Pericat says that cattleya flowers will hold in good condition on the plants in winter for a month and still be salable. Under the step stage benches, on the ground, he has planted *adiantum*, where it does splendidly and brings quite a revenue, considering that it takes up no valuable space.

This is a very interesting place to visit, particularly when the cattleyas are in flower. Several quite large commercial collections have been inspired by what was seen here, and the visions of wealth that was sure to result from similar operations. Mr. Pericat is a great lover of the orchid; he has made many crosses and raised a number of valuable seedlings. He has some handsome specimens of cattleyas—one of *Trianæ* with 300 bulbs is a beauty. There are a number of very rare and valuable varieties, specimen and single plants, that he prizes very highly.

Cypripediums were at one time a feature, but a number of growers getting into them, the price got too low, and he sold his stock. He thinks that the price of orchids, particularly cattleyas, is now far too low, and hopes that when the war is over there will be a change for the better that will place the orchid back on a remunerative basis.

K.



Alphonse Pericat.

Cattleya Speciosissima.

Cattleya speciosissima or *Cattleya Luddemanniana* was introduced from Venezuela about 60 years ago. It produces both large and showy flowers, but unfortunately it has the reputation among orchid growers of being shy to bloom; yet when grown under suitable conditions it will flower quite freely, often in the spring and fall of the same year. There does not seem to be any great secret in regards to making this fine cattleya flower as regularly as most other species, except that it will stand more direct sunshine all the year round than is thought necessary for the rest of the common varieties of cattleyas; therefore, a position in the growing house which gets the most sunlight should be allotted to it, and the glass above them slightly stripped with a shading sufficient to break the sun's rays only.

At this season most of the plants of this cattleya will have finished flowering, and for the best results they need a short rest, by giving less water at the roots, until the new growths or bulbs become well advanced, increasing the quantity as the new bulbs are matured. The more sunshine these plants receive, the more water they require, but by all means let them dry

out to a certain extent between each watering. The bulbs and general constitution of this variety of cattleya being of a smooth, hard nature, which keep quite free from scale, shows that daily syringings are unnecessary, and failure to flower this species satisfactorily is caused by this alone.

Cypripedium Morganiae Burfordiense.

Cypripedium Morganiae Burfordiense, a very fine hybrid, was raised and introduced by Sir Harry Veitch of London, England, over 30 years ago, from *C. superbiens* Demidoffs. *Stonei*, dark var. and named in honor of Mrs. C. Morgan, New York, who was a prominent amateur grower of orchids about that period. The accompanying illustration shows a well grown plant, for this cypripedium in many collections fails to flower with any certainty. It is claimed that many plants from this cross have never flowered, while others bloom quite freely. *Cypripedium Morganiae* belongs to the warm growing sections of this orchid family; therefore, it requires plenty of heat and moisture, with heavy shade in the summer months, giving at the same time enough ventilations to keep a nice genial growing atmosphere. The flowers of this variety resemble the famous *Cypripedium Stonei platytanum*, which held the record for so many years for the highest price ever paid for an orchid, \$1,500.

C. Y. PRIPEDÉ.

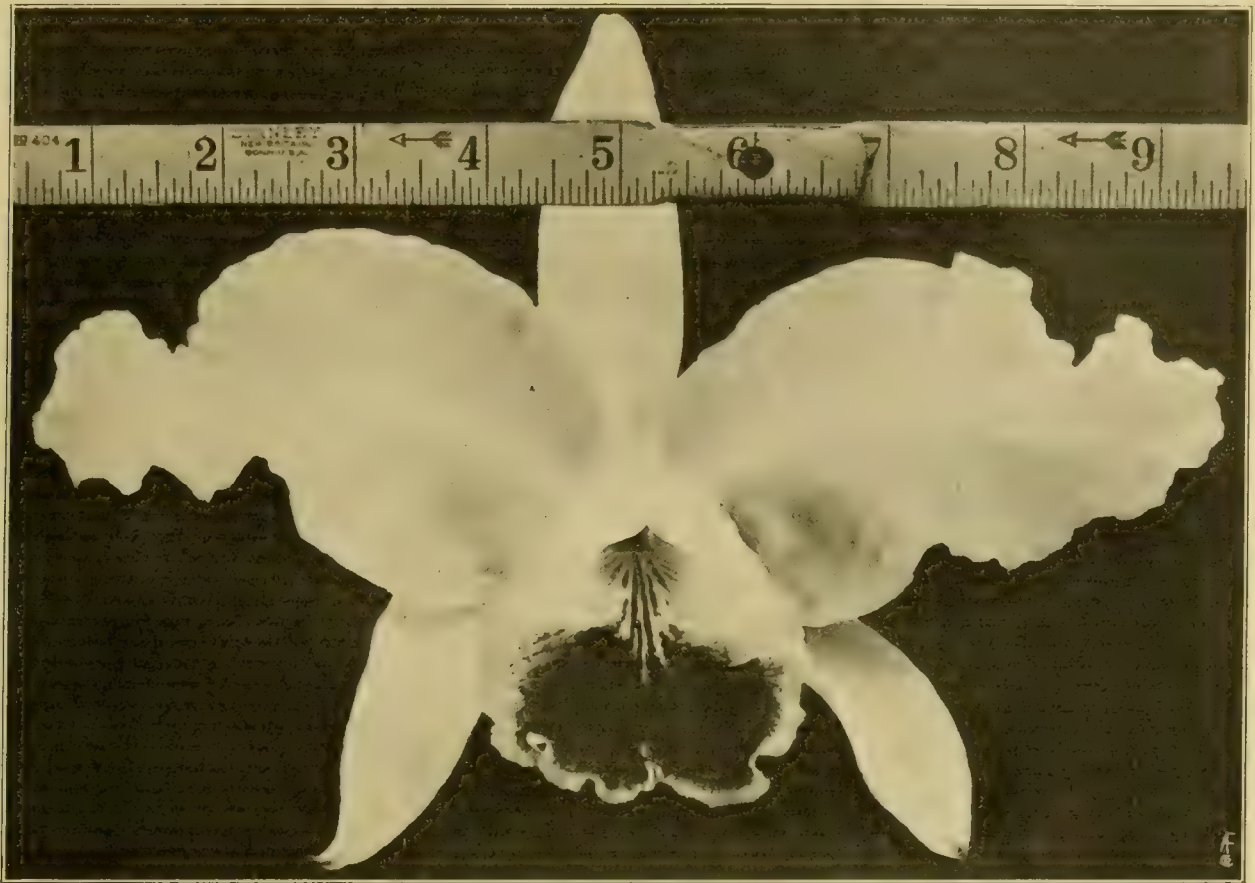
Selection and Care of House Plants.

Paper by Fred E. Palmer, Brookline, Mass., read before the Massachusetts Horticultural Society.

It is customary and often edifying in presenting a subject to an audience to trace its early history and find out as far as possible what bearing the past has on the present, thereby pointing a moral and adorning a tale that might otherwise be tame and uninteresting.

The task of discovering a time or place when men first began to take pleasure in the companionship of flowers appealed to the writer as too large an undertaking to attempt in connection with this simple paper. It does seem true that the flowers of early literature took on almost entirely symbolic or art phases and never were portrayed as intimate companions and household pets in the sense that we are discussing them today. People who naturally love flowers attempt to associate their increasing use and enjoyment with the upward growth of civilization. This would be a very difficult case to prove because of the difference of opinion as to what constitutes civilization. Certain climatic causes seem to foster the love for flowers as well as social and economic conditions that insure permanent homes and some leisure time. The beautiful gardens of Great Britain and some countries of Continental Europe bear witness to this. There, the climate is just rigorous enough to give a zest to flower cultivation but not severe enough to cause discouragement. People occupy the same houses for many years, as a rule, but the long days give leisure even to the hardest workers to enjoy the rural pleasures that have become a large part of their natures.

Coming down to the individual, any attempt to assess virtue or character on the basis of an appreciation or love



CATTELEYA SPECIOSISSIMA GROWN BY S. G. MILOSZY, GARDENER FOR GEO. SCHLEGEL, BROOKLYN, N. Y.

A Flower of Remarkable Size.

of flowers would be as unjust as it would be to endorse Shakespeare's denunciation of "the man who hath no music in his soul." As a matter of fact, no law can be formulated bearing on the case; temperament and environment being probably the principal factors in this as in many other phases of our life. The superstition that a man's character must necessarily be influenced for good by an enforced association with flowers, as for instance, one who gains his living by their cultivation, is equally erroneous as is also that other common fallacy that certain personalities have such a baneful effect on plants and flowers that the latter would rather die than endure their attentions. If any in this audience are suffering under this last depressing thought, let them cheer up at once for there is certainly nothing whatever in it.

A desire that is sufficiently strong to compel a study of the needs and requirements of the object of its devotion will certainly result in success. Indeed, the essential causes of success or of failure are generally so simple and easily explained that no one need waste time searching for them in deep and mysterious places. When we consider how much pleasure may be gathered from the cultivation of flowers and with what tender and affectionate regard they are held by almost everyone who has once become acquainted with them, it is surprising that the study of their habits and needs is not more thorough and general.

In pursuing this study, we will consider first the fundamental requirements of all plants and how nearly

we may reach ideal conditions in the average home. The most essential need is light, direct sunlight if possible, at any rate, daylight and plenty of it. This fact is so important that it cannot be overestimated. Indeed, it is safe to say that if this one condition is granted, all others can be so easily provided as to make success assured with very little effort. It is only in recent years that the value of unobstructed daylight in greenhouses has been understood and appreciated by professional gardeners. When the old-fashioned, heavy framed, small glass structures gave place to the modern greenhouses and the wonderful results became apparent, horticulturists were amazed to realize how such a simple thing should have remained so long undiscovered. Today, the new greenhouses are "a little lighter than outdoors"; every unnecessary post and bar is zealously eliminated, any defective pane of glass is discarded until our old friend "Sol" is made to give up to the utmost every little flower producing unit that he contains. This one discovery has enabled growers to produce the wonderful roses and carnations that we see today and to sell them at half the price that the few of similar quality brought 25 years ago. Nothing else has changed; watering, heating, feeding, and ventilating have continued just the same, but this great life giving force of sunlight has been gathered in and used to the full. This will be worth remembering in every phase of gardening experience. It will cause you to pull aside curtains and roll up shades in the early morning so that the plants in the window may get

the first bit of daylight. It will warn you against placing window boxes under awnings, or flower beds in the dense shade of trees, and even the hardy shrubs will be given their full share of the blue sky overhead.

Appropos of this particular phase of the subject is the fact that many householders, having become disappointed at their inability to really grow plants and flowers in their living rooms, have improvised plant rooms out of existing sun parlors or enclosed piazzas, or have built a small addition to the house for this particular purpose. These, if properly designed, are proving most successful, not only as conservatories where plants will really thrive, but as most delightful sitting rooms. Indeed, the combination of sitting room and conservatory is the principal charm of this arrangement, differing entirely from the old-fashioned elaborate and expensive conservatory which at best was a thing apart from the home. It is safe to predict that in the near future very few houses of any pretension will be designed without this charming feature being considered an essential part of it.

Coming back to the regular living rooms, which is where our immediate interest lies, and still having in mind the question of light, it is quite possible to keep a variety of plants in comparatively healthy condition in rooms on southeast or southwest corners with good-sized windows on both sides, provided one is prepared to consider the needs of the plants as of first importance and is willing to give them the constant attention that every liv-

ing thing requires. This attention should begin by removing every bit of shade such as roller curtains and draperies as soon as the first daylight appears and allowing the window throughout the day to fulfil its one essential function, which is to admit daylight to the room. With a room thus flooded with light, many foliage plants will thrive even at a considerable distance from the windows, in fact, some plants have a marvelous capacity for adapting themselves to conditions that are far from ideal. Some instances of this adaptation, which refers more particularly to foliage plants, will be given later when discussing individual species and varieties.

Flowering plants, on the other hand, are most exacting and will tolerate no position short of the immediate windowsill. Take, for example, the common geranium. Every year, just as soon as the days begin to shorten and the light is reduced to its minimum, the cry goes up, "Why do my geraniums stop flowering, my neighbor has a window full of beautiful flowers? Is not there some kind of fertilizer that I can give them?" The plant doctor makes his visit and, like the modern physician, he goes without bottle or pill. He finds the little patients standing on a table a foot or two away from the window with heavy draperies partly drawn and roller shades half down, obscuring a greater part of the available daylight. Moreover, the plants are in pots very much too large for them and are generally standing in saucers full of water, which aggravates the case. If he knows his business, he will recommend that the plants be pushed forward to the windowsill until the leaves touch the glass, possibly that they be repotted into comparatively small pots, cutting down their meat diet, as it were, or at any rate, withholding the excess of water. On his way home the plant doctor takes a look at the successful neighbor's window, which, by the way, is the same quoted by many other clients, and finds it a bay window facing south, west, and east, catching every bit of sunlight that comes that way. The narrow sill is packed with small geraniums in four-inch pots, their leaves are almost pasted to the glass and they are in full bloom. He

realizes with pleasure that some one is having a good time in that particular house, having discovered the secret of success. In this somewhat insistent plea for daylight, the geranium has been used as an example because it is the most common member of a class that needs a more abundant supply of direct sunlight than any other. In warmer climes, plants of this class are evergreen and everblooming, as in southern California for instance, where they blossom literally every day in the year. Having no storehouse for their pigments, such as bulbous plants have, they mix them from day to day, each according to its needs, selecting from the solar spectrum some red, some blue, some yellow, and make them over in their wonderful laboratories into the beautiful flowers that we admire. Take away this source of supply and they find themselves in the predicament that many of our textile manufacturers are in, now that the supply of dyes from Germany has been reduced by the war, for they have to be content with simple green dresses and wait until "sunnier" times arrive.

The need of proper watering may be mentioned next. How much water and how often to be given seems to be a process in plant culture more difficult than any other for the average amateur grower to understand. The trouble seems to be that plants have been classified by species rather than by individuals in regard to their need of water. Does a begonia need more water than a primrose? or a cyclamen more than a geranium? is invariably the form of the question. As a matter of fact, with the following three conditions existing, it is almost impossible to overwater:

1. A plant with a relatively large amount of foliage and blossom in a small pot.
2. A warm room with very dry atmosphere.
3. Effective drainage in a pot which allows all superfluous water to drain away quickly.

On the other hand, if a plant is in an oversized pot, especially when the earth has been insufficiently "firmed" down, it is very slow to dry out and will quickly suffer from too much water. The soil in this case is like a loose sponge and remains saturated

for a long time. It is worth remarking that all inexperienced amateurs use pots much too large for the needs of the plant, and always leave the soil in a loose, spongy condition, both of which are conducive to ill health in the plant. No amount of drainage will help much under these conditions and if, as is often necessary, the plants are all kept in saucers, it will be almost impossible to keep these over-potted ones in good health. Even with all conditions ideal, it is impossible to lay down a rule as to frequency of watering. The successful professional grower relies entirely on his daily observation as to when a plant needs water, the dry aspect and light color of pot and soil being his principal guides. Stern necessity has trained his eye to be very keen in this respect; with the amateur, an equally strong desire to succeed would quickly have the same result. Perhaps the best general rule for the amateur would be that when the soil in any pot or box has dried out so that it is friable or crumbly to the touch, as distinguished from a pasty condition, it is time to water it. In every case, enough water should be given to saturate the entire bole of earth at the time. Continual watering or spraying the foliage of plants is injurious. An occasional washing or spraying for cleansing purposes only is permissible however, the leaves not being able to perform their function if covered by dust or the exudations from insects or even the oil with which some people are wont to anoint them.

The use of saucers in which to stand pot plants may be a benefit or an evil according to the degree of intelligence exercised. Some provision, of course, is necessary to prevent water which runs through the pot from injuring the floor or furniture. On the other hand, many plants suffer from standing saturated all the time in a saucer full of water. This evil can easily be obviated by filling a saucer half-full of small pebbles, in fact, the very best arrangement for a group of window plants is to provide a shelf the full length of the window and about twelve inches wide. Cover this entirely with a flat tray of galvanized iron two inches deep, filling it one and one-half inches deep with a layer of



VISITORS AT JOINT MEETING OF AMERICAN ROSE SOCIETY AND SYRACUSE ROSE SOCIETY, ITHACA, N. Y., JUNE 22, 1916.

(See Issue of July 1, Page 1233.)

white pebbles. Plants standing on this may be watered without any fear of overdoing it. The superfluous water runs in among the pebbles and quickly evaporates, so that there is no need of providing any special means of drawing it off. This constant evaporation is of great benefit to the plants and the whole affair is neat and practical.

There is no royal road to the successful cultivation of flowers, even under favorable conditions, much less so with the serious handicaps which have been indicated. It is not a question of formulas or of higher education, or deep studies in botany or of soils or fertilizers, nor does it involve the abstruse questions lately set forth by some impressionist biologist as to whether plants shudder or weep or laugh and clap their hands when you come into their presence; it is simply whether you care enough for them to give some time to their study and to supply their needs just as one would to a child or a highly prized dog.

In the matter of heating and ventilating the room, plants have to put up with what they can get. Excessive heat is perhaps second in the list of unfavorable conditions to which house plants are subjected. This is aggravated by violent extremes caused by throwing open windows when airing the room and by a draft blowing in around a poorly fitting sash. This latter continuing through every cold night is sufficient to destroy a whole window full of plants during the winter. Every window devoted to plants should be double glazed and great care used in airing the room on very cold days. Valuable palms are often destroyed by allowing an icy draft from an open window to strike them. Only a few minutes are necessary to accomplish this destruction, when the temperature outside is much below freezing. It is well to remember that all plants are benefited by comparatively low temperature at night, so that if circumstances compel them to be subjected to a temperature of 80 degrees in the day, they should be given a rest at night by lowering the room to 60 degrees.

The following list of plants has been grouped according to positions which they are usually called upon to fill and their names are placed in the order of their value in the group.

Group 1. Flowering plants that under good conditions should be in flower from October to May. To get results, these require the best care and environment possible, and practically the same treatment applies to all in the group.

a Cyclamen, certainly the best flowering plant.

b Begonias, everblooming varieties and Begonia Gloire de Lorraine hybrids.

c Primulas, Sinensis (Chinese primrose), obconica (poisonous variety).

d Geraniums.

e Heliotropes.

f Liniums (yellow flax, like California poppy).

g Impatiens Sultana.

h Tea roses, March, April, and May only.

Group 2. Plants that flower for a limited season and are not as particular as to sunlight as Group 1:

a Azaleas, in season from November to May.

b Chrysanthemums, October and November.

c Celosias, Princess Feather, October, November and December.



CYPRIPEDIUM MORGANÆ BUFORDIENSE.

Hybrid Between *C. superbiens* (Demidoffs Var.) and *C. Stonei* (Dark Var.).
Grown by S. G. Milosy, Gardener for Geo. Schlegel, Brooklyn, N. Y.

d Canterbury Bells, March, April, and May.

e Fuchsias, September, October, and November.

f Gloxinias, March, April, and May.

g Genistas, March, April, and May.

h Hydrangeas, and all the spring-flowering shrubs, such as lilacs, Azalea mollis, rambler roses, also all French and Dutch bulbs.

The Dutch bulbs may be grown from the beginning by any one having a back-yard or shed in which to carry them through the fall months. When the severe frost sets in, they can be transferred to the coolest part of the cellar and afterwards be brought to the window from time to time as desired. The French Paper White narcissus, which has been a despised member of the family for so many years, has recently sprung into immense popularity and is much easier to cultivate. A few bulbs in a dish half-filled with pebbles and water, placed in the window or on the table, will grow and flower without the least care, and successive plantings every

two weeks will yield a continuous supply of flowers all winter. It is safe to predict that next winter will see these simple bulbs planted by the million.

Group 3. Foliage plants used to stand about the house for decorative purposes:

a Palms: Kentia Belmoreana, K. Forsteriana, Areca lutescens, Phoenix Roebelenii.

b Ficus, rubber plant.

c Dracæna Lindenii.

d Pandanus Veitchii.

e Araucaria, monkey tree.

f Aspidistra.

g Ferns of different kinds.

The above list comprises the kind of plants that will endure the ungenial environment of the average house plant as bravely as any. Many of them are very tenacious of life indeed, and adapt themselves to adverse conditions in a marvelous way. This is such an interesting study that a few remarkable instances which have come under our personal observation are worth reciting. The first is a plant,

a *Dracæna Lindenii*, which has been standing on an upper landing for more than fifteen years. Scarcely a ray of sunlight reaches it, it has never been repotted, and it has never been out of the house. It stands about seven feet tall, has lost very few leaves, and is in pretty good health. Two other cases were *Pandanus Veitchii*. Both of these remained in six-inch pots for a matter of two years, stood in a very unfavorable position, and yet had grown into fine, handsome plants. Both died promptly when put into larger pots. There is in our store in Brooklyn a very handsome specimen of *Kentia palm*. It came to us a year ago, having been for many years in a large private dining room. The new environment seems to suit it, being very similar to the old, although both, according to the code, are entirely unsuited to any healthy plant life.

These apparent plant vagaries and contradictions of nature in the plant world should furnish food for encouragement and hope in the more serious affairs of human life. They might easily teach that by perseverance and adaptation to the inevitable a great deal of happiness may be gotten out of conditions that some would consider intolerable.

A Moninger Conservatory.

The John C. Moninger Co., Chicago, has recently completed a beautiful conservatory at Lake Forest, Ill., for Robt. J. Thorne, president of Montgomery, Ward & Co. The central or raised portion, one would naturally take as a palm room, but it is in reality an aviary in which tropical birds are kept. There is a beautiful fountain with pool and artistic rockwork upon which ferns and vines are thickly planted so as to reproduce as near as possible natural tropical conditions. The two wings of the conservatory are used principally for growing plants somewhat out of the ordinary; plants which cannot be procured easily from the average florist. Another interesting fact about this conservatory is that the entire area below the floor is excavated, the space being occupied partly for the storage of coal, partly for a root cellar and a portion is set aside for the growth of mushrooms. The foundation work is all of reinforced concrete, thus making a fireproof structure.

Connecticut Horticultural Society.

The second June flower show of the Connecticut Horticultural Society was held June 27-28. While the attendance was not all that could be desired nevertheless many lovers of flowers paid a visit to the exhibition, commenting on the beauty of the exhibits and the artistic arrangement of the roses and perennials. In the center of the hall was an unusually fine oval bed of roses, three beautiful vases of Marie Lemoine, Ophelia and Hoosier Beauty. Alex. Cumming, Jr., superintendent of the rose department at A. N. Pierson, Inc., Cromwell, had an opportunity to display his ability as an architect in designing a bed of roses and perennials. The specimens embodied in the exhibit were remarkable for their size and growth.

John F. Huss, superintendent of the James J. Goodwin estate, decorated the stage in the center of one side of the hall. He also made an exhibit of hybrid tea roses of merit. He carried off the silver cup for the best general collection. Warren S. Mason, superintendent of the A. A. Pope estate, Farmington, captured many first prizes in the professional classes. Out of 19 classes of roses, he successfully competed in 16. He also won many prizes for hardy perennials. The Connecticut Hospital for the Insane, Middletown, Edward Eggert, gardener, also carried off many prizes. His exhibit of sweet williams was unusually fine, containing a great many varieties of fine growth. Prof. M. W. Jacobus, Alfred Cebelius, gardener, carried off first prize for best vase of six blooms of pink peonies. N. Nelson, gardener at the Hartford Retreat, had the sweet pea field to himself, the cloudy, wet weather putting many of those who intended to exhibit completely out of the running.

The park department arranged several displays of bedding stock that came in for their share of praise from the visitors. W. W. Hunt & Co., the Blue Hills Nurseries, carried off a number of first prizes for their various exhibits in the perennial section. A vase of gaillardias were very attractive by their size and beautiful markings.

In the amateur class O. F. Gritzmacher, of New Britain, successfully competed for the sweepstakes prize of six plants of the new rose, Red Radi-

ance, offered by the Cromwell Gardens; also the sweepstakes prize of a collection of 100 perennials, 10 varieties, offered by the same concern, Mr. Gritzmacher having to his credit the greatest number of prizes in the rose exhibit and in the perennial exhibit in that class.

The following were among the principal prize winners: W. W. Hunt & Co., Hartford, Conn.; Warren S. Mason, Alfred Cebelius, John F. Huss, Edward Eggert, J. Vidbourne, N. Nelson, O. F. Gritzmacher, Mrs. John H. Buck, L. J. Robertson, Jr., Mrs. Robert Huntington and Mrs. Frank Sumner.

ALFRED DIXON, Sec'y.

Columbus.

EXCELLENT MIDSUMMER DEMAND.

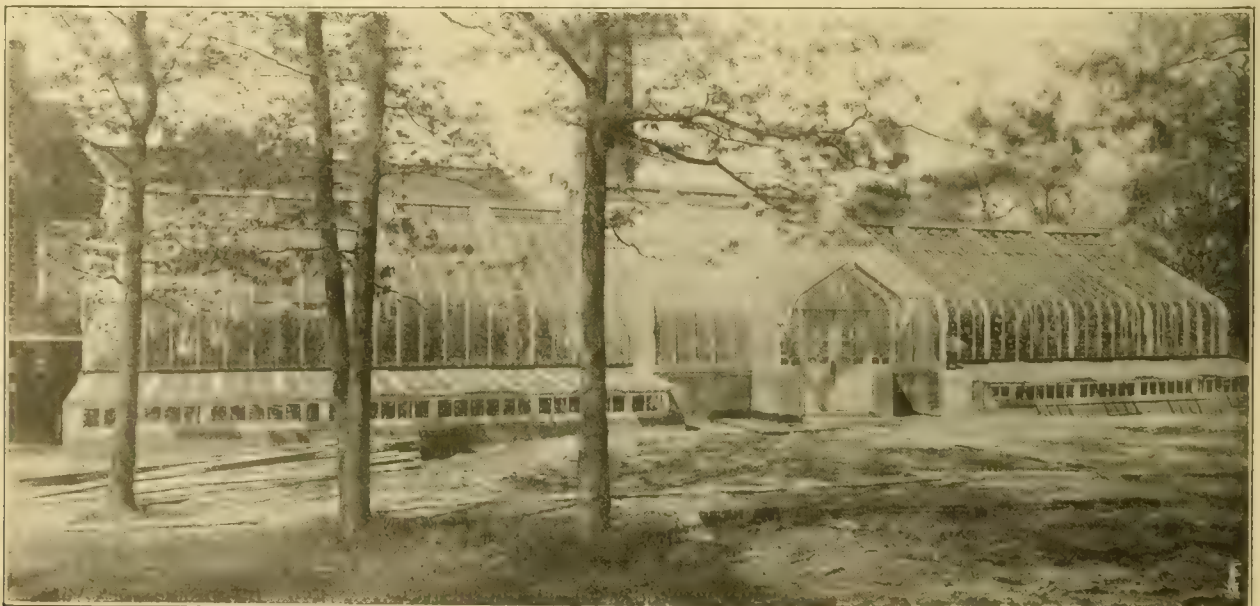
Up to the present time local florists have found the midsummer season better than that of a year ago. There has been a good call for small stock and garden flowers bought at low prices and worked up into attractive arrangements have proved a very profitable feature. Rambler roses have been a feature of this class of business. In greenhouse stock, roses are the chief reliance for the time being. Carnations have about disappeared, having dwindled down to small blooms which meet with slow sale at 50 cents a dozen. Sweet peas are seeing their finish this week, so far as cultivation under glass is concerned. The best command 50 cents a bunch. The first gladioli are appearing and bring \$1.50 a dozen. This price is not expected to stand up very long, as there will soon be a deluge on the market. June was a good wedding month, and kept active until the close. Funeral work during the past 10 days has been heavier than for some time.

NOTES.

For a week or more T. J. Ludwig has been having a dollar special, consisting of a choice of any number of a variety of small baskets filled with flowers. Not only have baskets gone well at this popular price, but the plan has proved to be a good trade-winner for the store in a general way.

A big contract handled by the Livingston Seed Company, through its cut-flower department, was the decorations for the four days' opening, July 1-4, of the Scioto Country Club house. This is a new organization composed of the most fashionable people of the town.

J.



CONSERVATORY BUILT FOR ROBT. J. THORNE, BY THE JOHN C. MONINGER CO., CHICAGO.

Newport, R. I.

The June flower show, under the auspices of the Newport Horticultural Society and the Newport Garden Association, held on the grounds of the latter organization, June 28-29, was well attended. The grounds have been vastly improved by a rearrangement of its beds and borders, which gives more solidity to the general effect. The show was staged in the open and under three tents, and was an improvement over the exhibition of last year; but with the vast resources to draw from in a horticultural line in this vicinity, the show could hardly be called a representative one, but it seemed to please the public, who were admitted free. Eighty-three classes were offered, 50 by the horticultural society and 33 by the garden association, and nearly all were filled.

What appeared to be some of the most striking exhibits in the open were the displays of Kampenaar and Christiansen nursery stock. Mrs. Mortimer Brooks, James Bond, gardener, showed beds of Iris Cajanus, Newport Pink sweet william, stocks, Heather-bloom Lavender and several large tubs of digitalis, all of which were awarded first honors. Beds of canterbury bells exhibited by Miss Edith Wetmore, Swen Johnson, gardener, were also much admired. In the tents among the most attractive displays was a beautifully arranged group of palms, ferns and foliage plants by Mrs. Mortimer Brooks. A. T. Bunyard of New York and this city had a tastefully arranged table of plants with a novel centerpiece made up of orchids. William Gray, president of the American Sweet Pea Society, was a successful exhibitor, winning several first prizes. Rose Jonkheer J. L. Mock, shown by Andrew Ramsay, was much admired. Among the growers of sweet peas, Andrew Doward seemed to have the earliest. He alone was able to fill the class for general display.

Notable displays were made in the orchid section, especially those of Mrs. French Vanderbilt, Daniel Hay, gardener, and by Arthur Curtis James, John H. Greateorex, gardener. The collections of calceolarias of John McKay, Liliun auratum by William Allen, gloxinias and begonias by James Watts, were splendid, and to Mrs. Auchinclose, John Mahan, gardener, was awarded a silver medal for a collection of annuals and herbaceous plants. The judges were Richard Gardner, William MacKay and Joseph Robertson for the horticultural society and Arthur T. Bunyard, Joseph Gibson and Alan R. Wheeler for the garden association. Prominent among the prize winners were the following: Governor R. Livingston Beekman, Vincent Astor, Mrs. H. Mortimer Brooks, Robert W. Goelet, H. E. Converse, Mrs. William B. Leeds, Mrs. French Vanderbilt, Mrs. Hugh D. Auchinclose, The Reef Gardens and Miss Edith Wetmore. J. J. B.

Wichita, Kan.

BUSINESS SHOWS NOTICEABLE DROP.

June showed a decided let-up in business, only a few belated planting orders, a light run of wedding work and a scarcity of funerals, combined to make a real summer dullness in the flower shops. While the number of June wedding licenses was the heaviest on record, there seems to be a tendency toward simplicity and cutting out "fuss and feathers" that promises to lighten very much the florist's interest in this important milestone on life's journey. Growing conditions have been good and stock is looking well, with ample supplies of outdoor grown offered in the stores.

Chrysanthemums are planted, and everybody seems to have gone to the limit of their space for them.

NOTES.

Harrie S. Mueller, son of Chas. P. Mueller, and in charge of the landscape department, is a captain in the national guards, and has gone to the Mexican frontier. He received quite a send-off from the Rotary club and a number of other friends at the railway station when he left for the front.

A recent visitor was Mathias G. Kill, special representative for John C. Moninger Co., Chicago. While he called upon the trade generally, his special errand was getting a line on the needs of Chas. P. Mueller in the way of a new conservatory to be built in connection with an addition to the rear of his North Main street store.

William Kuechenmeister expects soon to leave for New Mexico, hoping to get relief from a slight asthmatic trouble before it becomes serious.

Robert Fields, store salesman for Chas. P. Mueller for several years, has resigned his position and returned to his home town, Kansas City.

C.

Yonkers, N. Y.

The saying that the just suffer with the unjust seems to have been exemplified in the case of P. G. Lemke, who has a retail store at 476 South Broadway. When the European war broke out he had a good retail business in London, Eng., and had been there for 14 years. What happened in London has been told in the daily papers. He is a German and as such was under suspicion. He was arrested and underwent a rigorous examination by the police. He was finally given a passport and permitted to come to this country. He says that he had no opportunity to dispose of his business, and came here with a wife and three small children.

Having a population of over 90,000, with many wealthy residents, it is to be expected that the florists of Yonkers should be prosperous. There are several good retail stores, all of which, even at this season, are doing a fair business. The MacDonalds, 103 New Main street, have recently incorporated their business. William MacDonald is president; Peter MacDonald, secretary; Mrs. William MacDonald, treasurer; Miss MacDonald, a sister, is cashier at the store. This firm has a large retail cut flower and seed business.

F. W. Smythe, of Wadley & Smythe, New York, has a fine nursery and a large glass area at the Grassy Spring and Tuckahoe roads. Another fine nursery is conducted by Charles Ammann, who for many years was a prosperous retail florist in New York. Another New Yorker, Henry L. Bantleman, divides his time between his New York store and his Yonkers range and nursery.

The Hollywood Florist, opened last fall at 36 South Broadway by John Cullen and Thomas Smith, has a fine store in an excellent location and seems to be prosperous.

In addition to a store at 18 North Broadway, the Milliots have a considerable glass area on the Tuckahoe road, and are also constant buyers in the New York market.

Frank Knapper, 436 Bellevue avenue, is a pioneer grower of Yonkers and in addition to a neat range, conducts a nursery.

Mrs. E. MacHenry's store, 37 Palisade avenue, is well ordered and shows evidence of prosperity.

C. A. Schaefer, formerly in business in New York, has a neat store at 248 South Broadway. A. F. F.

Los Angeles.

OUTDOOR STOCK MEETS REQUIREMENTS.

Weather conditions continue favorable, with the result that outdoor stock is of good quality, but at this writing, prospects are for warm weather, which will change things. Zinnias are becoming plentiful and with their peculiar coloring are attracting much attention. Some superb hybrid gladioli are also seen. Roses show an improvement in quality, and it may be said that the supply of all seasonable stock is good, with the exception of lily of the valley.

NOTES.

There was scarcely a break in the rush of business at the Redondo Floral Co.'s establishment during the month of June. The demand for roses in the better grades was quite noticeable this year. Lily of the valley is reported short and this firm is compelled to resort to the artificial sort at times.

Wright's Flower Shop, Inc., have an interesting display of water lilies in assorted colors in their windows. A fine showing of Japanese liliun rubrum was also a feature that attracted attention. Four wedding orders in one day added to the receipts of an excellent month's business.

Wolfskill Bros. & Morris Goldenson had the order for 280 bouquets of red sweet peas for the graduates of the manual high school. This firm is showing some splendid hybrid gladioli in deep purple.

O. A. Saakes has been very busy with funeral orders. While fine roses are always a feature here, some especially fine Hadley and Mrs. Chas. Russell are seen here of late.

Business appears a little below normal at Howard & Smith's, but they report the usual amount of wedding and funeral orders.

G. H. H.

Lenox Summer Show.

The summer show of the Lenox County Horticultural Society held at Lenox, Mass., June 28-29, was by far the best of its kind this year, and taking into consideration the extreme backwardness of the season the exhibits were all of fine character. A fine display of flowering shrubs, arranged by Fred. Heeremans, gardener to W. D. Sloane, filled the stage and attracted much attention, while the wonderful collection of orchids exhibited by A. N. Cooley, Pittsfield, Mass., were a splendid feature and were awarded a silver medal. This exhibitor also received the Vaughan's Seed Store silver medal for a splendid display of sweet peas. There were three tables of pansies of fine colors and varieties. The first prize in this class went to Mrs. J. E. Parsons, second and third honors being awarded to W. M. Salisbury and Mrs. W. E. Griswold, respectively. The gloxinias were also fine, Mrs. J. E. Parsons being first and Joseph A. Choate of Stockbridge, Mass., second. The best 12 varieties of perennials ever staged in Lenox, it is said, were entered by Miss Kneeland and easily captured first honors. The peony display was fine, considering the lateness of the season. There were few roses on account of the late season. The trade exhibit of A. T. Boddington Co., Inc., New York, was excellent, noteworthy being a fine collection of gladioli, among the varieties being Myrtle, Snow Boy and Fair Columbia. There was also an exhibit of Illinois self-watering flower boxes. The display of fruits and vegetables was of high order, many prizes in this section being captured by Count de Heradia of Lenox. A fine exhibit of honey was staged by Mrs. W. E. Griswold.

G. W. S.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ENGLISH makers of horticultural knives have advanced prices 15 per cent.

THIRTY cars of potash and by-products, the value of which ready for the refinery is \$500 per ton, is shipped daily, from Hoffland, Neb., a town which a year ago was a railroad siding. It is said to be the only place in the United States where the almost pure article is found.

SUBSCRIBERS needing information regarding hail and tornado insurance should address John G. Esler, Saddle River, N. J., secretary of the Florists' Hail Association; Florian D. Wallace, Insurance Exchange building, Chicago, and the American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

NEW CASTLE, IND.—Myer Heller, proprietor of the South Park Floral Co., of this city, and also interested in the mercantile business here, was recently honored by being elected president of the Indiana State Dry Goods Association. Two and possibly three new roses will be disseminated next season by the South Park Floral Co., all of them promising at present.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that John Dunbar, Rochester, N. Y., offers for registration the new *Salvia Splendens*, name, Elizabeth Dunbar, described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this notice.

Description: Chance Seedling. Calyx cream white, corolla pure white. Flower-spikes seven to 10 inches long. Habit compact. Height, when grown in groups, from base to top of flower spikes, 24 to 26 inches. Flowers continuously throughout the season. Comes true to seed.

JOHN YOUNG, Secretary.

June 30, 1916.

Houston Unaffected by Border Troubles.

As the result of a number of inquiries that have been received in the convention city regarding the border situation in Texas, Vice-President Robert C. Kerr of the Society of American Florists writes as follows:

"In the first place, I want to state that Houston is from 400 to 1,000 miles from the Mexican border. We hear less about border troubles here than those living in the north and west. So dismiss from your minds that we are near the troubled territory. While the railroads have been very busy moving troops, passenger service has not been affected, and by convention time, August 15-17, the 17 railroads entering the city will be equal to any emergency and troop transportation will in no way affect the delegates coming to the convention.

"We are much elated over the prospects for a large attendance. As indicated by reports received, the state of Texas will be represented in force. President MacRorie already has two Pullmans full from San Francisco and Secretary John Young says there will be a good delegation from the east, and indications point to a splendid representation from the central states. With the convention garden progressing favorably, reservations for trade exhibit space coming in satisfactorily, and prospects of a big attendance, you have every assurance you will have a grand time in Houston this summer. Watch for the entertainment programme we have arranged for our guests."

British Bulb Import Restriction.

Chas. E. Pearson, secretary of the Horticultural Trades Association of Great Britain and Ireland, writes as follows in the Horticultural Advertiser (British) of June 21:

"I have received from several quarters copies of a letter written by a British consul in Holland, in which it is stated that the intention of H. M. government is to cut down the import of bulbs to about one-third of its former proportions, and that importation will be granted under license.

"I at once submitted this letter to the board of trade (Import Restrictions Department) and have now heard from Sir. W. Guy Granet to the effect that the importation of such goods is prohibited, and that the

letter in question should in no way be regarded as official.

"As it is most important that members who may have been disturbed by disquieting rumors of this kind should have the earliest possible information as to the facts, I am taking the first opportunity of publishing the gist of the correspondence."

American Sweet Pea Society.

The attention of those interested is called by the Bar Harbor Horticultural Society to the following schedule of transportation from New York and Boston and return on the occasion of the annual convention and exhibition of the American Sweet Pea Society, which will be held at Bar Harbor, Me., July 15-16:

VIA E. S. S. CO., BOSTON-BAR HARBOR.

Lv. Boston, 6 p. m., daily except Sunday.

Arr. Bar Harbor 12:05 p. m. following day.

Lv. Bar Harbor 1:30 p. m., daily except Sunday.

Arr. Boston 5:15 a. m.

VIA M. C. R. R., BOSTON-BAR HARBOR.

Lv. Boston, 10:00 a. m. and 10:00 p. m.

Arr. Bar Harbor, 6:05 p. m. and 8:20 a. m.

Lv. Bar Harbor, 9:45 a. m., 4:15 p. m., or 9:00 p. m.

Arr. Boston, 9:00 p. m., 4:45 a. m. or 7:30 a. m.

VIA M. C. R. R., NEW YORK-BAR HARBOR.

Lv. New York, 7:15 a. m.

Arr. Bar Harbor, 12:30 p. m. following day.

Lv. Bar Harbor, 3:00 p. m.

Arr. New York, 7:56 a. m.

Visitors, exhibitors and judges going from New York will leave on the Metropolitan Line to Boston, Thursday, July 13, at 5:00 p. m., reaching Boston the following morning, and will leave in the afternoon with the contingent from that city via the Outside Line for Bar Harbor. The fare, Boston to Bar Harbor and return, is \$10.50; staterooms, \$1.50 and \$2. Fare, New York to Boston and return, is \$8; staterooms, \$1 and \$2, according to location. Through tickets to Bar Harbor can be procured at either point. Early reservations are suggested as travel at this season is very heavy.

The prospects for the exhibition are very promising. There will be many displays from Newport, Lenox and other eastern points. The prize list is large and generously divided and keen competition is anticipated. The schedule, of which about 1,000 have already been sent to prospective exhibitors, is on hand and this with any other information, will be gladly furnished by the secretary, Harry A. Bunyard, 40 West 28th street, New York.

Hail Losses Severe.

Hail losses are reported as unusually severe all over the west and southwest, and many companies say that even last year's phenomenal record is being outdone. The Western Adjustment Company, which is handling the hail losses this year, as a result of the experience gained last season, has over 200 adjusters at work on losses, and is unable to keep up with the demand.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Head gardener with seven years' of experience. Married, no children. Ready to start work immediately.

JOHN FABIAN, 4126 Carroll Ave., Chicago.

Situation Wanted—By a young man who has eight years' experience in orchids, palms and ferns. Willing and sober. Address

Key 637, care American Florist.

Situation Wanted—By young man: all-around florist, understands landscape work, store, designing, selling, active and dependable.

G. F. JOSEPHSON,
Cant'n, N. Y.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address

Key 643, care American Florist.

Situation Wanted—German-American, 40 years old, sober and reliable, good grower of chrysanthemums, peas, pet plants; also good in designing, wishes position with good retail place or private, in or near Chicago preferred. Address

Key 644, care American Florist.

Situation Wanted—Landscape architect and landscape gardener; is able to execute in any garden style, planning and perspectives of highest grade; pencils or water colors, with the best dendrological and horticultural knowledge. Will call personally in Chicago and suburbs. Address

Key 600, care American Florist.

Situation Wanted—By Polish-French, age 26, competent florist—gardener, scientific and practical experience in greenhouse management, and care of grounds here and abroad. Prefer municipal or government place as head gardener or superintendent of grounds. State particulars and wages. Good references. Address

Key 622, care American Florist.

Help Wanted—Good honest man with experience and good reference to work in greenhouse.

H. F. RHOADES, Kulpmont, Pa.

Help Wanted—A good rose grower and one assistant: state wages wanted. Address

Key 634, care American Florist.

Help Wanted—Young men to work in greenhouses as helpers. Apply

POEHLMANN BROS. COMPANY,
Morton Grove, Ill.

Help Wanted—Assistant florist for general greenhouse and lawn work. State wages expected in first letter, with board, room and washing.

G. H. MINX, Logansport Ind.

Help Wanted—A working foreman, capable of taking charge of a place of 200,000 sq. ft. of glass, growing stock for own retail store. Address

Key 642, care American Florist.

Help Wanted—One or two good men for all around greenhouse work; must be sober; furnish reference and state wages expected. Steady position for right man.

HARRY HEINL,
West Toledo, Ohio.

Help Wanted—Experienced greenhouse night man. One who understands firing, potting and other greenhouse work. Married man preferred. Must be sober and industrious. Can begin at day work at once. Wages, \$60 per month.

RIDGE LAWN GREENHOUSES,
Pine Ridge, Buffalo, N. Y.

For Sale—Newly built bungalow with green, house 25 feet by 50 feet, located in Morgan Park. Corner lot 100 feet by 240 feet. Call, or write owner.

E. J. FREDERICKSON,
10903 Hale Ave., Morgan Park, Ill.

For Sale—Two greenhouses complete. Ground used in connection one and one-half acres on river front. Good location and A1 soil. No other greenhouse within a radius of 75 miles. Population of town 2500. Other business interests take up time which is my reason for selling. For terms apply to

RASMUS HANSON, Grayling, Mich.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address

Key A, care American Florist.

Situation Wanted

Good salesman, designer and all around storeman. Can come well recommended. Chicago or middle west preferred. Address

Key 627, care American Florist.

Foreman Wanted

General all around man for place in middle west.

Key X, care American Florist.

Flower Store Opportunity.

There is an excellent location vacant for flower store at 2054 North Clark St. near Garfield Ave. and big new hotel. Full particulars on application to

THALER BROTHERS,
2036-2042 North Clark St., Chicago.
Telephone—Lincoln 1061.

A1 STOREMAN SALESMAN AND DESIGNER

Is open for engagement. Has worked in many of the leading eastern and western retail establishments and can come well recommended. Capable of taking charge and building up an already established business. If you are interested in a man of this caliber, address stating full particulars in first letter.

Key B, care American Florist.

Chicago Wholesale Florist

Wants to get in touch with a good man capable of calling on growers and handling city trade—one with previous experience and who has the confidence that he can qualify preferred. Full particulars must be included in first letter and all replies will be considered strictly confidential.

Key 647, care American Florist.

HERE IS A SPLENDID OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.

Key C, care American Florist.

WANTED.

500 Pandanus Veitchii—Strong plants, well colored, from 3-inch pots.

500 Ficus Elastica—Strong plants, from 2½ or 3-inch pots, well rooted, about 6 to 8 inches high.

Key 646, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Rose Plants.

White Killarney—Grafted, \$7.50 per 100; \$50.00 per 1000.

Killarney Brilliant—Own Root, \$4.00 per 100; \$35.00 per 1000.

J. A. BUDLONG,

FIELD GROWN

Carnation Plants.

	Per 100	Per 1000
Pink Enchantress	\$5.00	\$45.00
Rosette	5.00	45.00

Geraniums.

Poitevine—Ricard—Nutt—

Strong healthy 4-inch stock, in bloom
\$8.00 per 100.

184 North Wabash Avenue, CHICAGO

Cleveland.

JUNE BUSINESS CLOSES STRONG.

The last week in June ended with a demand that was highly gratifying, weddings and social functions calling for large quantities of the better grades of roses, peonies and outdoor stock. The cut of long roses is off just now with the exception of American Beauties. Carnations arrive in supply equal to all requirements and the quality is good for the season. Easter lilies are also plentiful and sell at low figures in quantity. There is a good demand for gypsophila. Water lilies, both white and colored, are part of the daily receipts and Jap lilies, white and pink, are also seen. Sweet peas are plentiful as the outdoor stock is beginning to arrive, but lily of the valley is scarce and high in price. Snapdragons (mostly short stock) are on the market. White phlox and larkspurs have a steady call and the quality is very good.

NOTES.

The executive committee of the florists' club have changed the quarterly due periods in order to simplify the keeping of accounts. The new periods commence with the first day of January, April, July and October. The next meeting will be July 10 and the picnic committee will have something interesting to say. The date of the outing is Thursday, July 20; the place is Willough Beach Park. Come and bring your friends and help make this a grand success.

Thousands of flowers—peonies, roses, sweet peas, carnations—in fact, nearly every kind of a flower now blooming, were donated by the local wholesale and retail florists and strewn along the path of the local contingent of the O. U. G., which left for Columbus, O., June 30.

The industrial exposition, to be held at Edgewater Park, September 2-9, will be a big event. It is being widely advertised and boosted by the promoters, and the flower show in connection promises to be the banner feature of the entire fair.

Chas. A. Woodman, who has been with the Cleveland Florists' Exchange for nearly 10 years, has entered the undertaking business with Mr. and Mrs. Craley, who have been established since 1871.

Visitor: Stephen Green, of H. Bayersdorfer & Co., Philadelphia, Pa.
C. F. B.

WOBURN, MASS.—Mrs. M. J. Aylward, well-known local florist, widow of Michael J. Aylward, died at her home in this city June 23. The business will be continued by her sons.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half-standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS

LARGEST GROWERS IN AMERICA

WHOLESALE GROWERS AND IMPORTERS

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

Box 404, DUNDEE, ILL

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine.....12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

BEGONIAS

Now Ready for Delivery

Glory of Cincinnati, 2½-in. pots,
\$15.00 per 100.

Mellor, 2½-in. pots, \$20.00 per 100.

Mrs. J. A. Peterson (new), 2½-in.
pots, \$25.00 per 100.

CYCLAMEN GIGANTEUM

Our own improved strain, strong
3-in., \$10.00 per 100.

ASPLENIUM NIDUS AVIS

Finished plants, \$6.00, \$12.00
and \$18.00 per dozen.

J. A. Peterson & Sons

Westwood, CINCINNATI, OHIO.

Cash with order from unknown
correspondents.

Robert Craig Co...

High
Class - **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

DARWIN TULIPS.

Get them from Vaughan's
and get them Good.

**FOR FORCING
IMPORTED
BULBS**

**French, Dutch
and Japanese**

as well as

Bermuda and California Stocks

**Bought and Inspected
by Our Own Traveler**

Offered by Us at Rates and Terms to meet any competition

Remember ocean freight conditions are much more critical both from France and Holland. Your order will be safer with a responsible American firm than when ordered through irresponsible foreign travelers. We must admit that all our bookings are based on continued reasonable ocean freight traffic.

Write us for News of Latest Foreign Conditions

CHICAGO **Vaughan's Seed Store** NEW YORK



One way of getting
Satisfaction

SUMMER ROSES--Good Tight Shipping Stock.

ORCHIDS--Cattleyas, Gigas

Have a large supply on now. Price, \$6.00 per doz.

CARNATIONS, good quality, per 1000, \$10.00

ROSES, good short, per 1000, \$15.00

Easter Lilies, Mrs. Chas. Russell, Beauties, Valley

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.	MRS. CHAS. RUSSELL.	Per doz.
Long	\$3.00	36 inches long	\$2.50
30-36-inch	2.50	30 inches long	2.00
24-inch	2.00	24 inches long	1.50
20-inch	1.50	18 to 20 inches long	1.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		Short	per 100, \$4.00, \$6.00
OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	Per 100	CECILE BRUNNER OR SWEETHEART ROSE.	Per 100
Long	\$8.00 to \$10.00	Fancy	\$3.00
Medium	4.00 to 6.00	Medium	2.00
Short	2.00 to 3.00	Short	\$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS.	Per 100	GREEN GOODS.	Per 100
Lilies	\$8.00	Mexican Ivy	\$0.75
Peonies, fancy pink and white	4.00 to \$8.00	Smilax	2.00
Sweet Peas	.75 to 1.50	Sprenger and Asparagus Sprays	2.00 to 3.00
Climbing	8.00 to 10.00	Leucothoe	.75
CATTLEYS	per doz, 6.00	Adiantum	1.00 to 1.50
VALLEY	\$4.00, \$5.00 per 100	Galax (bronze and green)	per 1,000 1.00
		New flat ferns	per 1,000 1.00



Every Florist who is looking for something new in decorating material should make it a point to see our line of **Translucent Foliage**. Do not confuse this article with Opaque Oak that has been on the market the past few years for it is altogether different and much better.

Look For Our Ideas in Prepared Foliage

(Stock of Which Will be Ready for Delivery August 1, 1916)

Oak Sprays, 36-inches and over, - - - \$1.50 per Doz.; \$10.00 per 100.

Maple Sprays, 30 to 36 inches, - - - \$2.00 per Doz.; \$15.00 per 100.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

Some Items You Need Now

Sulphur--Slug Shot--Grape Dust--Daylight Glass Cleaner--Liquid Putty--Greenhouse Hose

POEHLMANN BROS. CO.
72-74 E. Randolph St.,
Long Distance Phone, Randolph 35. CHICAGO, ILL.

There is only one way. That is by dealing with a firm that has a reputation for standing by its customers. It makes no difference how much or how little you spend, we are on the job to serve you.

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

Kentias

BELMOREANA MADE-UP PLANTS.

Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.
4 inch pots 5-6 16-18 inch high	\$ 4.50
4 inch pots 5-6 16-18 inch high	Each .40
6 inch pots 6-7 24 inch high	1.00
6 inch pots 6-7 28-30 inch high	1.50
6 inch pots 6-7 32-34 inch high	2.00
8 inch tubs 6-7 36-38 inch high	3.50

FOSTERIANA MADE-UP PLANTS

Plants	Each
8 inch tubs 4 38-42 inch high	\$ 3.50
8 inch tubs 4 48-50 inch high	6.00
8 inch tubs 4 52-54 inch high	6.00
10 inch tubs 4 5 6 feet high	8.00
12 inch tubs 4 60-64 inch high	10.00
12 inch tubs 4 5½ feet high	12.00
12 inch tubs 4 5½-6 feet high	15.00
15 inch tubs 4 6-6½ feet high	\$18@20

FOSTERIANA SINGLE PLANTS

Leaves	Doz.
4 inch pots 5-6 18-20 inch high	\$ 4.50
4 inch pots 5-6 18-20 in. high, ea.	.40
8 inch pots 6 28-30 inch high	\$ 1.00
8 inch pots 6 34-36 inch high	1.50
10 inch tubs 6-7 5½ feet high	8.00
10 inch tubs 6-7 5½-6 feet high	10.00

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.	\$3.50
6 inch pots 18 inch high	Each .24
8 inch tubs 30 inch high	3.50
10 inch tubs 35 inch high	\$5@7.50

DRACAENAS

2½ inch pots Dracena Godseffiana	\$9.00 per 100.
Dracena Lindenii, 6-in.	Each \$1.25
6 inch pots Dracena Massangeana	\$1.25
.....	\$1.25; 7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants	Each \$1.00
8 inch pots, 5 plants, 44 in. high	4.00

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong	\$0.50 each
5 inch pots	.75 each

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

Pink Killarney
White Killarney
Brilliant
Milady
Ophelia

Old Gold
Cecile Brunner
Richmond
Scott Key
Elgar

Grafted, 2½-inch Stock.

Pink Killarney
White Killarney
Brilliant
Ward
Milady
Ophelia

Old Gold
Richmond
Hoosier Beauty
Scott Key
Elgar

Own Root, 3½-inch Stock.

Pink Killarney
White Killarney
Old Gold
Richmond

Scott Key
Brilliant
Elgar

Own Root, 2½-inch Stock.

Pink Killarney White Killarney Scott Key Sunburst Richmond

American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

HYDRANGEAS

50c, 75c, and \$1.00 each. Larger specimens, \$3.00 to \$5.00 each.

Achyranthes	Brilliantissima.	100	1000
2½ in.		\$2.50	
Achyranthes Lindenii, 2½ in.		2.50	
Begonia Luminosa and Vernon.			
for bedding, 2½ in.	2.50		
3 in.	5.00		
4 in.	8.00		
Begonia Chatelaine, 2½ in.	3.50		
3 in.	8.00		
4 in.	15.00		
5 in.	each, 25c		
Begonia Lorraine, 2 in.	10.00		
2½ in.	12.00		
Calceus in 10 different varieties, beautifully colored and well furnished with leaves to the pot: 6-inch pots 75c and \$1 each.			
Calceus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.			
Crotons--5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.			
Cyclamen--3 inch, \$8.00 per 100.			
Seedlings, \$40.00 per 1,000.			

Dusty Miller, for border, 2½ in.	100	1000
German or Parlor Ivy, 2½ in.	\$2.50	\$23.00
Fuchsias--5c and 12c each.		
Lobellias, for bedding and hanging baskets, Lobellias Speciosa, Crystal Palace and Bedding Queen, 2½ in.	2.50	22.00
Marigold, Double, 4 in. pots.	8.00	
Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each.		
Petunia, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in.	3.00	
Primula Obconica, 2½ in.	\$ 3.50	

Salvia Bonfire and Zurich, from cuttings, 2½ in.	100	1000
3 in.	\$2.50	
4 in.	5.00	
5 in.	8.00	
Smilax, strong new stock, 2½ in.	2.50	
3 in.	6.00	50.00
Boston and Roosevelt Ferns, Late July delivery, 6-in., 75c each; 7-in., \$1.00 each.		
Whitmanii, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		
Torenia Fournieri, Blue, 3-in. pots	5.00	
Vinca, 4 in.	\$10.00 to 15.00	
Vincas, Green	8.00	
Wandering Jew, Zebra and White Variegated, for hanging baskets, 2½ in. pots	2.50	
BOXWOODS	Each	
15-in. in burlap	.40	
18-in. in burlap	.50	

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

New medium and short stemmed Beauties

Rhea Reid—Best red rose.

Sunburst—Best yellow rose.

Mrs. Russell—Best pink rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stem.....	\$3.00
Extra long stems, seconds.....	\$1.00 to 1.50
Medium stems.....	1.50 to 2.00
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond

Shawyer--White and Pink Killarney

Killarney Brilliant

Long.....	per 100, \$6.00 to \$8.00
Medium.....	" 4.00 to 5.00
Short.....	" 3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$10.00 to \$12.00
Medium.....	8.00
Short.....	4.00 to 5.00

Cecile Brunner.....per bunch, 35c

Carnations

Carnations		Per 100
Red, White and Pink extra fancy.....		\$2.00

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGER**.. 2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL

Chicago.

TRADE IS SOMEWHAT QUIET.

Trade at this writing is somewhat quiet, which is to be expected in July, but at that the demand is keeping up well and the sales compare most favorably with those of the first week of the corresponding month last year. Roses of all kinds are more plentiful, but there is not any too much good stock in the longer grades available. American Beauty roses are more plentiful and the quality is considered good. Mrs. Chas. Russell roses are seen in large quantities at nearly all the stores, but there is quite a lot of inferior stock in this variety now included in the shipments. Good Mrs. Chas. Russell roses are moving well at fair prices. Ophelia are having a good call and so are Sunburst, My Maryland, Mrs. William Randolph Hearst, George Shawyer and Double Pink Killarney. White Killarney and Double White Willarney are selling well and so are the few Kaiserin Augusta Victoria that are arriving. Killarney, Killarney Queen, Prince de Bulgarie, Mrs. Aaron Ward, Richmond, Rhea Reid, Hadley, Hoosier Beauty, Mrs. Moorfield Storey, Francis Scott Key, Lady

Alice Stanley, Champ Weiland, Killarney Brilliant, Tipperary, Mrs. Bayard Thayer, Cecile Brunner, George Elgar and Baby Doll are included in the shipments of roses and all of them at times are in good demand. Orchids are a trifle more plentiful and so is lily of the valley, but there is hardly ever any surplus when the stores close at night. Gladioli are seen in larger supply and the offerings include both indoor and outdoor stock. Asters, dahlias, daisies, feverfews, larkspurs, snapdragons, delphiniums, coreopsis, candytufts, pansies, lilies, callas, pond lilies, calendulas, cornflowers and a large list of other indoor and outdoor flowers give the retailers a splendid assortment to select from and it seems that many of the dealers are aware of the fact for some of the window displays the past week were splendid and in one instance contained a flower of every description offered in this market. Peonies at times have had a good call and are bringing fair prices considering the large supply of other stock offered at low prices. Sweet peas have seen their best days, but there is still a fair supply of good stock obtainable. Carnations are to be had in large quantities at very low prices and there

is a fair supply of good stock available in certain varieties. Green goods of all kinds are in large supply. The wholesale stores are all closing at 5 o'clock during July, August and September, which the out-of-town buyers will do well to remember when sending in their orders.

NOTES.

Adam Zender has rented his range of greenhouses in Rogers Park, consisting of 150,000 feet of glass, to his son-in-law, Robert Windler, who bought all the stock and took charge July 1. Mr. Zender has spent a great many years in the growing end of the business and is well and favorably known to the trade here and elsewhere. He is seriously thinking of building a new home on his property at Ridge and Pratt avenues in the near future. Mr. Windler will continue to grow roses for the local wholesale market and his many friends here and in St. Louis, Mo., wish him every success in his added responsibilities.

The Garland Manufacturing Co., of Des Plaines, has received an order from Davis & Steiner for 10 new cucumber houses to be erected at Streat-

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and White Killarney Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....

Killarney.....

White Killarney..

My Maryland.....

Sunburst.....

Ophelia.....

Milady.....

	Per 100
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

Roses, our selection..... Per 100 \$ 3.00

Carnations, fancy \$ 2.00 to 3.00

Harrisii 10.00 to 12.50

Peonies 4.00 to 8.00

Valley 4.00 to 5.00

Sweet Peas75 to 1.50

Adiantum 1.00

Asparagus, per bunch50 to .75

Ferns, per 1,000.....\$2.00

2,000,000 Feet of Modern Glass

Louis Wittbold says that the George Wittbold Co.'s three new Garland houses, 28x300 feet, at Edgebrook will be devoted to the growing of cyclamens, hydrangeas, palms, ferns and bedding stock. George Stenquist, of Wittbold's retail department, is spending his vacation at Crystal Lake which means that the force will again enjoy its annual fish fry as soon as he returns. Edward Alexander is also employed in the retail department and is away on his vacation.

August Jurgens has returned from a business trip to Jackson, Miss., and was present when the heavy storm completely destroyed the McKay Floral Co.'s greenhouses, a report of which appeared in a previous issue of THE AMERICAN FLORIST. The Chicago Flower Growers' Association is receiving regular shipments of America gladioli from his farm there which is in charge of his son August Jurgens, Jr.

E. F. Kurowski, of the John C. Moninger Co., and wife and Miss Martha Gunterberg have returned from a delightful four days' lake cruise with the German Club to Mackinac Island and the Soo on the especially chartered steamer, South America.

J. A. Budlong is cutting heavily in roses and will have a steady cut all through the hot summer months. Mrs. Chas. Russell roses in the longer stemmed grades is one of the principal offerings right now.

Joe Doluey and Walter Pohl of the A. L. Randall Co.'s cut flower department are spending their vacation at Bluff Lake. Peter McKill spent July 4 at his home in Benton Harbor, Mich.

N. J. Wietor, of Wietor Bros., John Sinner, of Sinner Bros., and Herbert Griffin, officers and directors of the

"Pikers Club", are enjoying a day's fishing at Wooster Lake.

George Weiland has his new range of Foley houses at Niles Center all planted and reports that the young stock is in exceptionally fine condition.

E. C. Pruner and A. W. Herre, two of Poehlmann Bros. Co.'s traveling men, returned home in time to spend the Fourth with their families.

Julius Kline of the Wietor Bros' store force is enjoying his vacation this week.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

JOIN THE ARMY

of our satisfied customers and get the best stock obtainable in the Chicago market at the most reasonable prevailing prices.

Chicago's Largest Dealers in Decorative Greens

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50
White—KILLARNEY—Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00
OPHELIA.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00
SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION \$3.00	
CARNATIONS.	Per 100
Fancy	\$2.00
Good	\$1.00 to \$1.50
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Peonies	\$5.00 to \$8.00
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz	2.00
Adiantum	1.00
Sprenger, per bunch .....	.50
Asparagus Sprays, bunch .....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co. just bought 17 acres of land at Morton Grove, adjoining Plant C, which brings the total acreage up to 137, counting the property now occupied by the greenhouses. The additional land will permit the firm to extend its plant at any time should it ever be deemed advisable to do so. The supply department has secured the agency from a new concern manufacturing the natural prepared maple and oak sprays which are almost an exact reproduction of the natural and are not to be compared with the stock that has been offered in this market for several years past.

Sidney Buchbinder, sales manager for Buchbinder Bros., has returned from Winona, Minn., with an order from the Siebrecht Floral Co. for a complete set of store fixtures including the celebrated Buchbinder refrigerator which is the second outfit that he has sold there within the last two months, the first being that of Winona Floral Co. Buchbinder Bros. sold outfits the past week to Olympia Confectionary & Floral Co., at Rockford, and to Frank Potocka, Milwaukee and Chicago avenues.

Lester Partridge, of Sharp, Partridge & Co., is recovering from an operation at the North Chicago hospital, 2551 North Clark street, and expects to be able to leave for home in a few days. He tore the tendons in one of his legs about a month ago and as they did not heal as they ought he was obliged to have the doctor sew them up.

Michael Freres, with Zech & Mann, and wife, are spending their vacation with relatives in Aurora. Allie Zech and wife, mother, sister Carrie and brother Leo, are home from a delightful auto trip to La Porte, Ind., where they enjoyed the Fourth with relatives.

Miss Ruth Wattman of the Bassett & Washburn office force, is away on her vacation. Miss Ruth Schrieber celebrated her seventeenth birthday with a little party in the office last Saturday, July 1, when everyone present had a delightful time.

Mrs. Herbach and daughter, Margaret C. Labo, of Joliet, were in the city on business last week for the purpose of securing the necessary stock to decorate their float, which made such a big hit in the Fourth of July parade in their city.

James Psenicka, of Gross Point, has his chrysanthemums all planted and is now busy benching his carnations.

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

MORE CUT FLOWERS WANTED

Either indoor or outdoor stock. Start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

He reports that the field grown carnation plants are in better condition now than they were at this time last year.

Morris Grossberg, with Percy Jones, left July 1 to enjoy a two weeks' vacation. H. Van Gelder and his able force of assistants are giving the Percy Jones establishment its annual cleaning and overhauling this month.

Erne & Klingel expect to be able to supply their customers with delphiniums for several weeks to come. This stock has been in good demand right along and is being used extensively in wedding decorations.

A. T. Pyfer, with A. T. Pyfer & Co., is enjoying a well earned vacation. Harry Gardiner, formerly with the Chicago Flower Growers' Association, is now in the employ of this firm.

Miss Josie Then, who recently underwent an operation at the German hospital, is doing very nicely and expects to be able to leave for home in a few days.

John Kaspar, wife and daughters Mamie and Evlyn, are making an automobile trip to New York in their Chandler Six, leaving Saturday, July 1. Rudolph Kurovski is back from a visit to the John C. Moninger Co.'s Cincinnati office, over which Otto Hirschfeld so ably presides.

C. O. Wilcox, representing the W. W. Barnard Co., spent the Fourth at home this year, leaving the next day to call on the trade in Michigan.

W. A. Lange, of the R. C. Lange staff, 3339 North Whipple street, is camping and fishing with a party of friends on the Fox river.

John Ziska, of Joseph Ziska & Sons, and wife, spent the Fourth at Oconomowoc, Wis., making the trip by auto.

George Walther, 6310 Normal avenue, leaves soon for California to join his wife, who has been visiting there for some time.

O. A. & L. A. Tonner report that trade was very good at their store July 1, the demand being principally for peonies.

Miss Florence Schriener of the Chicago Flower Growers' Association, leaves July 8 on a two weeks' vacation trip.

Charles Graham and wife, of Cleveland, O., and P. J. Foley and wife, left on a Wisconsin fishing trip July 5.

Kyle & Foerster had a big run on peonies July 1, when the sales were surprisingly large compared to last year.

John Scheiden, the well-known carnation grower of Evanston, is the proud owner of a new Chalmers six.

Miss Gladys Unger, Chas. W. McKellar's popular young bookkeeper, is enjoying a two weeks' vacation.

Miss Anna Sigmund is now with the Busy Bee Floral Co., 102 South State street.

Mrs. John Stuppy, of St. Joseph, Mo., is visiting relatives here this week.

A. E. Kunderd, the gladioli man, of Goshen, Ind., was a visitor this week.

A. E. Hunt, of Evanston, has invested in a new five passenger Ford.

B. Juerjens, of Peoria, was a welcome visitor Saturday, July 1.

Joseph Weis, Jr., 3445 Southport avenue, is building a new garage.

A. Miller, with A. Henderson & Co., is on an eastern business trip.



To please your customers during the summer months you should supply them with stock that you secure from us. Complete line of both Cut Flowers and Greens.

ORDER HERE

Current Price List

Subject to Change Without Notice.

ORDER HERE

Beauties.

	Per doz.
Long stems	\$4.00
30 to 36-inch stems.....	3.00
20 to 24-inch stems.....	2.50
15 to 18-inch stems.....	2.00
12-inch stems	\$1.00 to 1.50

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy.....	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy.....	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection.....	8.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white.....	\$3.00
Red and pink.....	\$1.50 to 2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select.....	10.00 to 12.50
Orchids, Cattleyas, per doz..	7.50 to 9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus...per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

M. Winandy & Sons, 6062 Ridge avenue, commenced June 21 to build two new ranges of greenhouses at Palatine, one for Henry E. Mersch, of Evanston, and one for Nicholas F. Mersch, of Barrington. Both plants will be equipped with M. Winandy's patent bench and heating system, as installed already to complete satisfaction of the owners of sixteen other places in and around this city. The A. Dietsch Co. is furnishing the millwork and lumber, and Henry Munson the pipes. The houses will be ready by August 16, and will be planted to carnations and sweet peas.

Weiland & Risch are cutting a large quantity of gladioli in 30 different varieties, including the favorites, Mrs. Frances King, Chicago White, America and Myrtle. They exhibited all the forcing gladioli they are now cutting at the summer show of the Lenox County Horticultural Society, held at Lenox, Mass., June 28-29, when this firm alone had 30 kinds on display.

Otto Amling visited his father, A. F. Amling, who is confined in a sanitarium at Battle Creek, Mich., last week and also his family, who has been staying there with him. The new A. F. Amling Co.'s greenhouses at Maywood are completed, and the planting is practically finished.

Peter Reinberg is having a good call for Mrs. Chas. Russell roses which he is cutting in quantity, in addition to a large supply of all the other leading roses. Herbert Hansen is back on the job at the store, after a delightful visit at Kansas City, Mo.

Special Summer Assortment

25

CUT FLOWER BASKETS

\$7.50



Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,

713 Milwaukee Avenue,

CHICAGO



PREPAREDNESS.

WE are prepared to take care of your orders for Peonies, Roses, Gladioli, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Greens, Etc. You will get satisfaction every time if you place your orders with

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

At A. L. Vaughan & Co.'s store trade has been very good right along and the sales so far during this month have been very encouraging. Roses in all the leading varieties are the principal offering at this house.

Prof. Arno H. Nehrling, of Amherst, Mass., and his bride were visitors last week enroute to Colorado Springs, Colo., where they will spend their honeymoon, returning about July 25.

H. N. Bruns, 3032 Madison street, is attending the Shriners' convention at Buffalo, N. Y., this week. Mrs. Bruns accompanied him on the trip, which was made by boat.

The John Kruchten Co.'s force has been so busy that no one has had time to think of a vacation, but no doubt the boys will all enjoy a well-earned rest soon.

Tom Rogers, of Minneapolis, Minn., is visiting old friends here this week.

Rochester, N. Y.

EXCEPTIONALLY GOOD BUSINESS.

Business during the past two weeks has been exceptionally good; the orders for weddings and commencements were numerous and funeral work was also a factor. While carnations are getting scarce and small in size the supply of roses continues plentiful but lily of the valley is far short of requirements and has advanced in price. Sweet williams, corn-flowers, coreopsis, gaillardias, etc., find ready sale. Flowering plants are scarce.

NOTES.

Edwin C. Kaelber recently had a striking window display of roses and sweet williams arranged in dark green vases with creton drapery of contrasting colors. He is also showing the new beautiful red rose, Harriot, a first prize winner in London a few years ago.

June 30 was annual flower day and the proceeds were given to the Children's hospital. The following were the committee in charge of the successful event: E. P. Wilson, Geo. B. Hart, E. C. Kaelber, Geo. Boucher and M. J. Keller.

A recent attractive display in Geo. T. Boucher's window was an arrangement of hydrangeas.

Hubert B. Stringer has returned from a two weeks' vacation spent in the Adirondacks.

The ladies' florist club held its monthly meeting at Highland park.

Geo. Cramer is now a member of the Geo. B. Hart force. CHESTER.

Toledo, O.

To Mrs. J. B. Freeman, one of the best known florists of Toledo, O., is given the credit for one of the most elaborate wedding decorations arranged in that city in many years. The auditorium of the church, which was the scene of one of the most brilliant events in social circles during the season, was a wealth of foliage and flowers, peonies being used to carry out the color scheme of orchid and white. High above the organ loft, graceful kentias arched the pulpit and choir stalls, and with ferns and huckleberry foliage bordered the altar, above which were massed hundreds of peonies. Huge bouquets of the same flower marked the pews and produced a wonderfully striking effect. The circular balcony, the lights softened with sprays of green, was veiled with huckleberry and other foliage. The entire arrangement, wonderful in its artistic beauty, was the work of R. H. Blake, decorator of Mrs. J. B. Freeman's staff, and who already enjoys a widespread reputation as a leader in this line.

Cincinnati.

USUAL SUMMER DULLNESS PREVAILS.

Quiet business that is usual before the "Fourth" prevailed in the market last week. Almost everything in seasonable stock was plentiful, but the demand was insufficient to take up all receipts. Roses continue in heavy supply, and when good, have a fair market. Easter lilies are plentiful, and besides the usual supply of greenhouse stock, include many good outdoor blooms. Gladioli have a fair market. Excellent hardy hydrangeas may be had. The demand for lily of the valley has dropped off greatly since June is past. Excellent outdoor sweet peas are coming into the wholesale houses and carnations are in a fair supply. Other offerings include snapdragons, larkspurs, water lilies, coreopsis and corn flowers.

NOTES.

C. E. Critchell, Jr., is recovering from an operation last week, when his tonsils and adenoids were removed. He has leased quarters on the south side of Third street, near Vine, and is remodeling them. He expects his new place to be one of the prettiest and best of its kind in this part of the country.

Harry Greensmith, son of G. H. Greensmith, was drowned July 2 while bathing in the Delaware river. The friends of Mr. Greensmith are very sorry to hear of his son's untimely death and sympathize with him in his bereavement.

Ferdinand Keller, of Lexington, Ky., stopped in this city on his way home from the Ad Men's convention at Philadelphia, Pa.

The Cincinnati Cut Flower Exchange has taken quarters a few doors below their present location and are remodeling.

The William Murphy Company has begun to ship carnation plants. Their stock is unusually good this year.

Visitors: G. A. Beekman and wife, Middletown, O.

H.

Ass'n. of Am. Cemetery Superintendents.

The thirtieth annual convention of the Association of American Cemetery Superintendents will be held at Norfolk, Va., August 22-24. The meeting promises to be a very interesting one, as will be seen from the following papers, which are included in the programme:

"Perpetual Care of Monuments and Other Structures" (illustrated with lantern slides), by J. C. Scorgie, Mt. Auburn cemetery.

"Commercialism of Cemeteries," by Bellett Lawson, Jr., Elmwood cemetery, Chicago.

"Experience with Motor Trucks," by E. G. Carter, Oakwoods cemetery.

"Starting and Operating a Modern Cemetery," by R. N. Kesterson, Greenwood cemetery.

"A Few Shrubs and Perennials," by William Allen, Homewood cemetery, Pittsburgh, Pa.

"The Relation of the Monument Man to the Cemetery," by A. L. Kimball, of Kimball & Combe Co., Providence, R. I.

There will also be an interesting evening with Sidney J. Hare, landscape architect, Kansas City, Mo., who will illustrate his lecture with stereopticon views.

BELLETT LAWSON, JR., Sec'y.

DENISON, TEX.—Announcement is made of the marriage of William B. Munson, manager of the Munson Floral & Nursery Co. of this city, and Miss Minnie Sec'y, July 2.

BIG CUT OF Specially Grown Summer Roses

Large Flowers on all lengths of stems well laden with splendid foliage.

Russell, Ophelia, Stanley, Hearst, Hoosier Beauty, Sunburst, Double White Killarney, Killarney Brilliant, Pink Killarney, Richmond, Milady and Ward Roses to offer in addition to heavy supplies of Carnations, Peonies, Valley, Sweet Peas, Callas, Harrisii, Galax, Asparagus Sprengerii, Adiantum, As Well As Other Seasonable Stock and Greens.

TRY OUR NOVELTY ROSES—BRUNNER-ELGAR-BABY DOLL and our FANCY ORCHID FLOWERING SWEET PEAS

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Fort Wayne, Ind.

Business continues good considering the late season, social events calling for quantities of stock and there has been a strong demand for funeral work. Weddings also have been numerous. Exceedingly warm weather the past week caused stock in the houses to suffer, but there is a good variety of outdoor flowers, which take well.

NOTES.

A number of the local florists donated flowers for a benefit given by the Women's Relief Union, July 1. Those who contributed were: A. J. Lanternier & Co., Doswell Floral Co.; E. J. Wenninghoff, W. J. & M. S. Vesey, Flick Floral Co. and Markey Bros.

Misses Mildred and Georgia Alice Flick are visiting their sister, Miss C. B. Flick of the Patten Flower Shop, Toledo, O.

Fred H. Lemon, wife and family of Richmond, were week-end guests of A. J. Vesey and wife, making the trip by motor.

W. J. Vesey, Jr., accompanied by his father, Judge Vesey, will leave this week for a trip to Washington, D. C. H. K.

Illinois State Florists' Association.

At a meeting of the executive committee of the Illinois State Florists' Association held at Bloomington, June 27, it was decided not to hold a competitive flower show in connection with the state meeting of the association in that city this fall. In consequence the plans for a premium list were abandoned. Every effort will be made by the committee, however, to stage one of the largest non-competitive fall exhibitions ever held. The secretary was instructed to write all members who answered the call for cash subscriptions toward the premium list and thank them for the liberal response,

BUCHBINDER



MAKES THEM BETTER

Builds Them To Order

We have equipped more Chicago retail stores in the last two years than all the rest of the manufacturers and dealers together.

There's A Reason

Write for Catalog.

BUCHBINDER BROS.

MANUFACTURERS

518 Milwaukee Avenue,

CHICAGO

Mention the American Florist when writing

and ask all to contribute cut flowers or plants toward making this a banner show. The exhibition will be held in the Coliseum, November 9-11, and the commercial section will be in charge of J. F. Ammann, Chas. Love-ridge and Geo. W. Jacobs. The usual certificate of merit will be awarded to anything new or especially meritorious—no entries need be made for this.

The only cash awards will be to the school children of Bloomington for the best chrysanthemum plants grown by them. This feature will be entirely in

charge of A. Washburn & Sons, Bloomington, who donated several thousand plants for the children to grow and who offer \$50 in prizes to this cause.

Those in attendance at the meeting were: President Charles W. Johnson, Morgan Park, Chicago; Charles Love-ridge, Peoria; I. L. Pillsbury, Galesburg; E. W. Guy, Belleville; Geo. W. Jacobs, Canton; J. F. Ammann, Edwardsville; Frank Washburn, Geo. Washburn and John R. Gee, Bloomington.

J. F. AMMANN, Sec'y.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

EXTRA FANCY MRS. CHAS. RUSSELL ROSES

Everything else in Seasonable Cut Flowers and Greens. Special attention to all orders.

Nashville, Tenn.

TRADE GENERALLY SATISFACTORY.

Weather conditions have been very favorable, and as a result stock is arriving in quantities to meet all demands, and the flowers have a beauty all their own that is appreciated at this season. Lilies are plentiful, both the Harrisi and the auratum, which is now in full flower. Amaryllis also serves a good turn and is much used in funeral work. The rose benches, planted for summer blooming, are doing splendidly and there is no scarcity. This is especially true of Russell, Kaiserin and My Maryland. Gladioli too are plentiful and serviceable and sell well and there is no shortage of the smaller flowers such as candytufts, sweet alyssum, etc. Beautiful window boxes are a feature in all parts of the city, with petunias the strong favorite in this line. The Fourth of July adds little to the receipts of the local trade. This year, however, the citizens are deeply interested in mobilization of the state militia at the fair grounds here, and many nice flowers find their way to the soldier boys.

M. C. D.

Kansas City, Mo.

WARM WEATHER FORCES IN SUPPLY.

With the advent of warm weather, stock is beginning to arrive in large quantities and prices are low on all lines. Roses are good, but open up quickly. Carnations are smaller, but sweet peas are very plentiful and gladioli are arriving in larger supply and the quality is good. Other outdoor cut stock is coming in fast.

NOTES.

H. Kusik & Co. are handling a big supply of roses, carnations, lily of the valley, gladioli and other outdoor stock. Business here is reported slow with prices in accord. Mr. Kusik will be at his store every afternoon during the entire month of July as the baseball team will be on the road during that period.

Captain W. R. Barnes, Third regiment, M. N. G., son of W. J. Barnes, has reported for service. If his regiment is called for service in Mexico, Captain Barnes will have the distinction of traversing the same ground his grandfather did during the war with Mexico in 1847.

S. Bryson Ayres has some gladioli that cannot be surpassed. His sweet peas are also fine. He has no trouble in disposing of his cuts daily.

Arthur Newell and wife will leave July 7 for a northern trip, making stops at Buffalo, Toronto, Montreal and St. Lawrence river points.

T. J. Noll & Co. report a slump in

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway,

LOS ANGELES, CALIF

the demand. Their new show room, which will be one of the best in the city, is nearly completed.

Reinhart & Son, of Shawnee, are cutting very fine sweet peas, gladioli, larkspurs and cosmos.

E. J. B.

Buffalo, N. Y.

GOOD SEASON CLOSES.

The period of summer lassitude is with us now and there will be little to change the dullness of the next few months. The season just closed has been a good one from the greenhouse point of view, and although handicapped by unfavorable weather conditions, stock as a rule was first class. Prices for filling vases, painting and care showed a slight increase over last year, due to increase in cost of stock and price of labor. The greenhouse owners in this vicinity, it is safe to say, have not increased prices of the above in 20 years, notwithstanding the fact that everything else has increased. This is worthy of consideration. June weddings broke all previous records, consequently the trade is satisfied. Vacations are now in order and all establishments are making arrangements for the employees to get away for a much needed rest before the strenuous fall and winter business commences.

NOTES.

The socialist party are not to be outdone by another party, especially in the state of New York. The only difference is "platform." Stephen Joseph Bryan Mahoney, the florist-politician, is again the unanimous choice of the party for lieutenant-governor, and will undoubtedly get more votes than he did last time. One vote from Luzerne county will be recorded for the cause of humanity, and the "Socialist Queen" will from now on be red in color and have a new set of tires. The best wishes of all are with "Steve," and if perseverance overcomes all obstacles he should win.

W. J. Palmer and S. A. Anderson will, it is expected, be the first of the local craft to journey to their summer homes.

All is now activity, preparing for the Shriners' convalee to be held here July 10-15.

BISON.

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

SHEFFIELD, ILL.—W. George Thomas, proprietor of the Sheffield Greenhouses, has purchased a range at Geneseo, which will be conducted by his sons, Edgar and Harry, formerly of Rock Island.

ST. JOSEPH, Mo.—Frank Stuppy, of the Stuppy Floral Co., left July 5 for northern Minnesota on a month's fishing trip. He was joined at St. Louis, Mo., by Roy Kemble, of the Kemble Floral Co., Oskaloosa, Ia., and Erwin Frey, of Frey & Frey, Lincoln, Neb.

Fancy Long Stemmed Delphiniums

Light Blue and Dark Blue Shades. Also Pink in the Shorter Stemmed Grades.

LARGE SUPPLY PEONIES--ROSES--CARNATIONS

SWEET PEAS -- LILIES -- VALLEY -- GREENS, ETC.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

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151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

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163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00

Per 100

" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	2 00@10 00
" Milady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Champ Weiland.....	4 00@10 00
" Stanley.....	3 00@10 00
" Tipperary.....	3 00@10 00
" Frances Scott Key.....	3 00@10 00
" Bayard Thayer.....	3 00@10 00
" Cecile Brunner.....	2 00@3 00
" George Elgar.....	2 00@3 00
" Baby Doll.....	2 00@3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	1 00@3 00
Cattleyas..... per doz., 6 00@7 50	
Peonies.....	2 00@8 00
Asters.....	2 00@3 00
Dahlias.....	3 00
Lilium Harrisii.....	10 00@12 50
Mignonette.....	4 00@6 00
Sweet Peas.....	75@1 50
Valley.....	3 00@6 00
Adiantum Croweanum.....	1 00@1 50
Snapdragons..... per doz., 75@1 50	
Daisies.....	1 00@3 00
Spanish Iris.....	5 00@6 00
Calendulas.....	3 00@4 00
Ferns..... per 1000, 1 50@3 00	
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings..... each, 60@75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumosa Sprays.....	3 00@4 00
Boxwood, 25clb per case.....	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing



FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET CONDITIONS VERY SATISFACTORY.

Conditions in the cut flower market for the season of the year are as good, if not better, than at any previous mid-summer period. This is owing in a measure to the cool backward season, which has produced conditions in the houses that held the stock longer, and also retarded and brought along in greater perfection all outdoor flowers, with possibly the exception of sweet peas, which have suffered from too much wet weather. A flower that has come to the front for summer use in the past year or two is the Giganteum lily. It is offered this season in splendid form. The storing of the bulbs and their forcing has become quite an art; there is now comparatively little waste in bulbs that do not flower, and the growth seems stronger and flowers larger and with more substance than formerly. Stores that carry summer stock are almost sure to have a vase or two of lilies, as they are quite equal in quality to those offered at any other season of the year. Candidum lilies are also now seen in quantity and of splendid quality, as the spikes carry from six to 12 or even more flowers and buds. Russell roses have the call; this is a great hot weather variety, the temperature seeming to have little effect on the flowers. Specials seen last week were almost equal to American Beauty in length of stem with superb flowers. Local American Beauties are losing rapidly, but very fine eastern stock is offered and sells up quite close. While Kaiserin and Double White Killarney are very fair, the perfect white summer rose has still to make its appearance. Cattleyas may be called plentiful, yet the price holds up very well. Lily of the valley is scarce, any sudden demand cleans the market out at once. Sweet peas are more than equal to the demand, the continuous rains and cool weather of the last weeks of June were hard on them, yet some very good stock is seen. Larkspur is still a factor, and the white Hydrangea arborescens is now in full flower and very effective for window display and other decorative effects. Gladioli America and Hollandia are fine and stock finds ready sale. Japanese iris is also a feature at this time.

NOTES.

H. Bayersdorfer & Co. have rented a large warehouse adjoining their store to accommodate a shipload of goods, the best selections of the European market before they dropped everything for the sword. The past season's business was the largest in the experience of the house.

The July meeting of the florists' club was postponed from July 4 to July 11. Dr. John Washburn will give an illustrated lecture; subject, "How to Make Good Gardeners, Florists and Farmers Out of the Submerged Population of the Great Cities of the Country."

Rupert Keinele, who was run down by the reckless driver of an automobile as he was alighting from a street car, sustaining a fracture of the bones in one leg, is rapidly recovering. He has been removed from the hospital to his home.

Wholesale Flower Markets

BOSTON, July 5.		Per
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, July 5.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Asparagus Sprengeri... 35@ 50		
Ferns.....per 1000, 2 00		
Smilax.....	15 00	
Candidum Lilies.....	4 00@ 5 00	

CINCINNATI, July 5.		Per 100
Roses, Beauty.....per doz., \$1 50@ \$5 00		
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus...per bch., 25c		
Orchids.....per doz., 6 00		
Gladioli.....	2 00@ 6 00	
Sweet Peas.....	25@ 50	
Shasta Daisies.....	1 00	

The Whilldin Pottery Co. is busy making stock for the coming season. Business is good but help is scarce. Mr. Whilldin hopes soon to see the finish of the struggle across the water and a return to normal conditions.

Wm. Wyatt now has two Ford cars and finds them much more ready, useful and economical than a larger machine which used to do the work. The horse, he says, is becoming more of a back number every day.

Miss Foust, of Merion, is repeating her success of last season in sweet peas. Her stock, which she markets in the stores herself, is of good quality, as good as any offered by the professional growers.

Raymond Brunswick, of the M. Rice Co., has rallied nicely from his operation for appendicitis and is expected to soon be about again. The new factory is rapidly approaching completion.

Ed. Reid's eastern American Beauties, Mock, Killarney and Kaiserin roses are, he says, of the genuine Reid brand, which means quality plus. Business is very good for the season.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

The Robert Craig Co. is doing a large business in plants, such as begonias, cyclamens and ferns, to growers, who are now filling up and preparing for the fall campaign.

Henry Penn, a visitor last week during the Ad Men's Convention, found Philadelphia anything but a slow town. His presence certainly helped to brighten things up.

The Charles Grakelow float in the Ad Men's parade was quite a feature, a flight of doves added grace and apparent aeroplanic power.

Easter lilies, gladioli and a full line of outdoor flowers are the features of the Leo Niessen Co.'s stock. Five p. m. is now the closing hour.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

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HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

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KANSAS CITY, MO.

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FLORISTS' SUPPLIES.

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New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

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C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

At the Berger Bros.' central market summer business is reported very good. Choice gladioli, Easter lilies, Maryland roses and orchid sweet peas are features here. K.

Oklahoma, City.

BUSINESS CONTINUES SATISFACTORY.

Trade continues very satisfactory and there is such an abundance of outdoor flowers that nearly all demands can be met. This is proving to be an unusually good summer for all growing things. Oklahoma was considered a semi-arid state for several years, and irrigation schemes were much talked of, but the abundant rain fall during the last few years has been ample for all crops and all talk about irrigation seems to have been abandoned for the time being.

Jack Baker, one of the Stiles Co.'s store force, is with his militia company at Fort Sill. The company left here June 25, and is training hard at the fort so as to be fit when called for service. S. S. E.

NEW LONDON, CONN.—George E. Fisher has opened a branch in the Hotel Griswold building, with Robert Montgomery of Boston in charge.

Wholesale Flower Markets

PHILADELPHIA, July 5.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
.. first.....	10 00@15 00	
.. Mrs. Chas. Russell.....	8 00@15 00	
.. Killarney.....	2 00@ 8 00	
.. White Killarney.....	2 00@ 8 00	
.. Liberty.....	5 00@10 00	
.. Hadley.....	4 00@12 00	
.. Sunburst.....	3 00@ 8 00	
.. Ophelia.....	3 00@ 8 00	
.. Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 3 00	
Sweet Peas.....	50 @ 1 00	
Snadragons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Gladiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, July 5.		Per 100
Roses, Beauty, special.....	25 00	
.. " fancy.....	20 00	
.. " extra.....	15 00	
.. " No. 1.....	8 00	
.. Killarney.....	2 00@ 8 00	
.. My Maryland.....	2 00@ 8 00	
.. Sunburst.....	2 00@ 8 00	
.. Mrs. Aaron Ward.....	2 00@ 5 00	
.. Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Spanish Iris.....	4 00	
Carnations.....	1 50@ 2 00	
Coreopsis.....	50	
Larkspur.....	4 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.....	35@40	
Delphinium.....	4 00	
Sweet Peas.....	50	

MILWAUKEE, July 5.		Per 100
Roses, Killarney and W. Killarney.....	3 00@ 8 00	
.. Ward.....	3 00@ 8 00	
.. Mrs. Chas. Russell.....	6 00@20 00	
.. Ophelia.....	3 00@10 00	
.. Hoosier Beauty.....	3 00@10 00	
Lilies.....	8 00@10 00	
Cattleyas.....	per doz., 6 00@9 00	
Sweet Peas.....	50 @ 1 00	
Carnations, fancy.....	1 00@ 2 00	
Snadragons.....	doz., \$0.50@0.75	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, July 5.		Per 100
.. Killarney.....	3 00@ 8 00	
.. White Killarney.....	3 00@ 8 00	
.. Aaron Ward.....	3 00@ 6 00	
.. Sunburst.....	4 00@ 8 00	
.. Ophelia.....	4 00@ 8 00	
.. Hoosier Beauty.....	5 00@10 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	3 00@ 6 00	
Valley.....	4 00@ 5 00	
Carnations.....	1 50@ 2 00	
Callas.....	6 00@ 8 00	
Lilies.....	6 00	
Asparagus Plamosus, per bu.....	25@75	
Ferns.....	per 1000, 1 50	
Bronze Galax.....	per 1000, 1 00	

New York.

SUMMER EXODUS AND TRADE SUFFERS.

Business, which was fair the first of the past week, grew very dull toward the last. The weather has been fair and much warmer and there has been a large increase in the supply of stock. The midsummer dullness has arrived in due season; many people are leaving the city for the summer resorts, so the "season" is closed. For the next two months funeral work will be the most that will remain of the retail trade. Lily of the valley, which had been selling well for several weeks, was slow with falling prices during the past week. The very best American Beauties brought, in some instances, \$25 per 100, or at that rate, but there were sales of fair stock as low as \$10. The bright weather has improved the quality of the roses, but there comes near to being a surplus of them and prices are on the decline. There is good carnation stock on the market, for the season, but \$1 per 100 is about the top price for the best and grading down to 50 cents and less for inferior stock. The outdoor sweet peas are now arriving in great volume and the short stock goes very cheap. It may be said that all stocks are cheap with a good prospect of their becoming much cheaper.

July 3.—Indications point to a very quiet week in the cut-flower business. A number of the leading mercantile establishments of other lines closed on Saturday until July 5 and there was consequently a great exodus from the city. The weather is warm and sultry. There is an increase in the supply of stock with a very light demand.

NOTES.

Though Staten Island (Borough of Richmond) is a part of greater New York, it is somewhat isolated, particularly when heavy fogs cover the bay and make the running of the ferry boats hazardous. There are on the island, not only fine scenery, but also good land for farming and gardening. The residents, who are loyal to the island, many of whom were born there, have for years agitated for a tunnel under the narrows, from Brooklyn, but the politicians of the "greater city" encourage them at election time and let it go at that, but there is no doubt that the project will eventually take shape.

"Closed on Sundays during July and August," is a notice conspicuously placed in the retail store of John W. Hauser, 571 Madison avenue. David Clarke's Sons, Broadway and 75th street, have had Sunday closing for a year or more. It would be well if both wholesalers and retailers would agree to close on Sunday. People can just as well buy flowers on Saturday night as they can buy other goods, and on general principles. Sunday work is not good for anybody.

Since Joseph G. Leikens departed for Brownsville, Texas, as a soldier, the business is being conducted by his very capable wife and his nephew, Mr. Bruce, both of whom are now at the Newport store. The New York store is in charge of L. Beckers.

J. B. Henry, who has been in Richmond, Staten Island, a number of years, and who at one time was located in Brooklyn, has a considerable glass area and grows fine geraniums and other pot plants.

Charles A. Dards, who has been on a trip to Japan for the past four months, is expected home this week. He is an observant man and is likely to have something interesting to say when he arrives.

Chris. Bothe, of Tompkinsville, is probably the most extensive grower of cut flowers on Staten Island. He has a good range and turns out good stock. He, we believe, is a life-long resident.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

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THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

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John V. Phillips of Brooklyn had the order for about 250 bouquets, June 29, for the graduating class of the Brooklyn high school for girls. William A. Phillips and wife, of this firm, are on a week's trip to Boston and other New England points.

J. C. Vaughan, of Chicago, who attended Admiral Westcott's "opening" at Waretown, N. J., June 23, came on to New York and spent the past week at Vaughan's Seed Store, returning to Chicago, July 1.

Charles Hemet has a fine range at Port Richmond, Staten Island, and, assisted by his sons, grows a great amount of fine stock, specializing in plants. He has been there for many years.

W. L. Trumpare, who for a number of years was buyer and store manager for J. H. Small & Sons, on Broadway, New York, now has a nice retail store on Bay street, Stapleton.

David Gordon, who now has the range formerly conducted by F. G. Hawkins, at Stapleton, Staten Island, has a fine lot of chrysanthemums planted, and they are doing well.

Alfred M. Schneider, of Max Schling's staff, is taking a month's vacation. This store has been very busy for the past two weeks with weddings and funeral work.

Miss Mabel Conkling, bookkeeper for H. E. Froment, has gone on a month's vacation. George Orth and William Negro of the same store are away for a two weeks' sojourn.

G. E. M. Stumpp is at his Southampton, L. I., store. Reports from there indicate that there are many social events, which should make business for the florist.

A force of painters and decorators are now at work on the interior of the new store of J. H. Small & Sons, 505 Madison avenue, but business is going on as usual.

John Nikel, formerly a commercial grower, of Stapleton, Staten Island, is now in charge of a private estate. His brother, Joseph Nikel, continues in the commercial line.

William H. Siebrecht, of this city, and Chappaqua, N. Y., is building another large greenhouse, at Chappaqua, where he specializes in acacias and Darwin tulips.

George Schlegel, the well-known orchid grower of Brooklyn, is tearing down his old houses to replace them with more modern structures.

At Traendly & Schenck's we have recently noticed fine stock of the standard varieties of tea roses, grown by Robert Simpson, Clifton, N. J.



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Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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The Right People to Deal With.

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Wholesale Flower Markets

NEW YORK, July 5.

Per 100

Roses, Beauty, special.....	8 00@20 00
" " extra and fancy...	3 00@ 5 00
" " No. 1 and No. 2...	2 00@ 3 00
" Prima Donna.....	2 00@12 00
" Alice Stanley.....	50@ 5 00
" Francis Scott Key.....	1 00@ 6 00
" Mrs. Geo. Sawyer.....	50@ 4 00
" White Killarney, special...	3 00@ 4 00
" Killarney, My Maryland...	3 00@ 4 00
" " special.....	3 00@ 4 00
" " No. 1 and No. 2...	50@ 1 50
" " Queen.....	1 00@ 5 00
" " Brilliant.....	50@ 5 00
" Aaron Ward.....	1 00@ 8 00
" Richmond.....	50@ 4 00
" Sunburst.....	50@ 5 00
" Taft.....	1 00@ 6 00
" J. L. Mock.....	1 50@ 8 00
" Hadley.....	2 00@120 00
" Oppelia.....	1 00@ 6 00
" Mrs. Chas. Russell.....	1 00@ 8 00
" Hoosier Beauty.....	1 00@ 5 00
" Ulrich Brunner.....	2 00@12 00
Cattleya Orchids, special.....	40 00
" interior grades.....	15 00@25 00
Lilies, Longiflorum and Harrisii...	2 00@ 3 00
Lily of the Valley.....	1 00@ 3 00
Carnations.....	50@ 1 50
Adiantum Croweanum and	
Hybridum.....	1 50@ 2 50
Asparagus Plumosus.....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, orchid flowered.....	25@ 50
Snapdragons.....per doz.	10@ 25
Peonies.....	2 00@ 4 00
Daisies, Yellow.....	50@ 1 00
Corn Flowers.....	25@ 30
Gladiolus America.....	6 00
" Inferior grades.....	2 00@3 00

United Cut Flower Co., Inc.

WHOLESALE

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Telephones: Farragut 4422
4423

PERCY W. RICHTERS, Manager.

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HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.

RETTA E. RANKIN, Manager.

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Traendly & SchenckWholesale Florists and Cut Flower Exchange
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A complete assortment of the best in the
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A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

D. C. Arnold & Co., Inc., of 112 West 28th street, are receiving fine Ward carnations from their own range, Babylon, L. I., N. Y.

The Henshaw Floral Co. reports that business has been excellent. This firm receives daily shipments of fine roses and general stock.

Charles Thorley, the well known retailer of Fifth avenue and 46th street, is in Alaska and is expected to be absent till September.

William P. Ford spent the "Glorious Fourth" on his farm at Chad's Ford, Pennsylvania, with Mrs. Ford and the little Fords.

The Kervan Company, dealers in green, state that their business for the past month was better than during any previous June.

F. G. Hawkins has a neat range at Port Richmond, and does a good retail business. He was formerly located at Stapleton.

Ralph Armstrong and wife are at Newport, R. I., at their summer store. C. F. Dailey is in charge of their New York store.

Simonson's Seed Store, Port Richmond, would do credit to a large city. He also handles a good line of cut flowers.

Leo Klein, 767 Lexington avenue, arranged a fine wedding decoration the past week at Bernardsville, N. J.

Philip F. Kessler, in the Cut Flower Exchange, is now receiving fine stock of Gladiolus America.

Thomas F. Galvin, Inc., had a large order for funeral work July 1, for a town in Pennsylvania.

George Hildenbrand, of John Young & Co., continues to serve on a jury in the federal court.

Cardasis & Co. is a new retail firm, located at 1427 St. Nicholas avenue, near 180th street.

Henry Lukes of Meyer's, Madison avenue and 58th street, is on a two weeks' vacation.

Walter F. Sheridan is receiving a fine line of roses, carnations and general stock.

Frank Traendly and family are sojourning at their farm, Rowaton, Conn.

Alfred Kottmiller and wife are on a vacation at Massachusetts resorts.

A. F. F.

New Jersey Floricultural Society.

The monthly meeting of the New Jersey Floricultural Society was held in J. O. U. A. M. hall, Orange, June 19. The meeting was in the nature of a rose exhibition and some very fine blooms were displayed, especially noteworthy on account of the bad season. William Reid, gardener to Sidney and A. M. Colgate, Orange, was first for the best vase of 18 white, any variety; also for best collection. Wm. Berglund, gardener to C. C. Goodrich, was awarded second honors in both of these classes. Max Schneider, gardener to Peter Hauck, Jr., was given a special prize for a splendid collection of vegetables; also the following points in the monthly competition: Vase of cornflowers, 85; vase of sweet peas, 60; vase of carnations, 75. The judges were Edward Manda and H. J. Skerns.

GEO. W. STRANGE, Sec'y.

Australian Ferns, Palms, Etc.

Natural dried fern fronds, palm leaves, etc., supplied in any quantity. A few on my list:

FERNS—Adiantum, Blechnum, Aspidium, Asplenium, Gleichenia, Todea.

PALMS—Calamus Muellieri, Kentia Monostachya, Livistonia Australia, Seaforthia elegans, Areca Baueri, Macrozamia.

OTHER LEAVES—Lomatia, Grevillea robusta, Australian Moss, Restia Tetraphyllus.

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Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak Foliage)..... 2.50 per case

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NEW FERNS

Green Sheet Moss.....\$1.75 per bag
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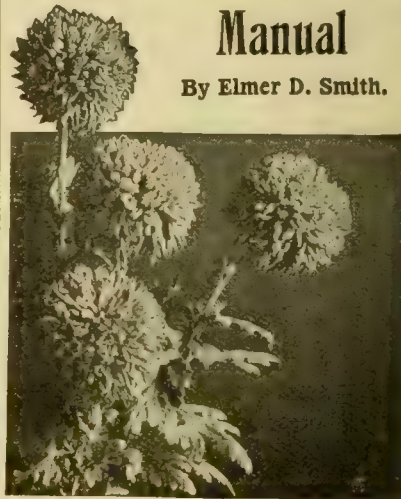
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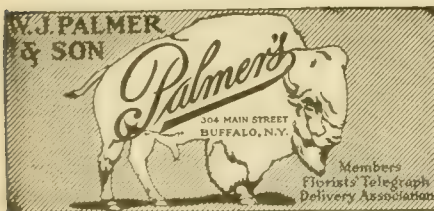
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Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

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Member of Florists' Telegraph Delivery.

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5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

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FLORIST

Connecticut Avenue and L Street

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Floral Experts

5936 Penn Av., PITTSBURGH, PA.

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

SOUTH TEXAS seedsmen are complaining of drought.

CORN crop conditions in the west are improving. Corn is big along the Missouri river.

THE winter-top onion set harvest will begin July 10-15, with prospects of an average crop.

MRS. LEONARD H. VAUGHAN, Chicago, with her four children, is making the trip to Boston, Mass., by auto.

ONION SETS in the Chicago district are doing well, but the weeding expense has been unusually heavy.

FROST is reported, June 17, from the midlands of England where some of the big seed growing farms are located.

THE S. S. Ryndam, well known in the Dutch bulb trade, reached her Holland port recently in a badly damaged condition.

BLUE GRASS seed dealers are unwilling to make prices at the present time. They say that the prospects are that the new crop will be short.

MILWAUKEE, WIS.—L. L. May, of St. Paul, Minn., is out of the hospital, but is still in the city, not having yet been released by his physician.

CINCINNATI, O.—J. Chas. McCullough entertained Troop C of the Ohio National Guard in training for Mexican duty, at Pleasant Ridge, his country place, June 27.

TACOMA, WASH.—The will of the late Frank S. Poole, president of the Poole Seed & Implement Co., who died March 24, has been probated. The value of the estate is \$37,000.

PORTLAND, ORE.—Steele's Mastodon Pansy Gardens report seed sales this year show an increase of 200 per cent over the business in 1915. The eastern demand is especially good.

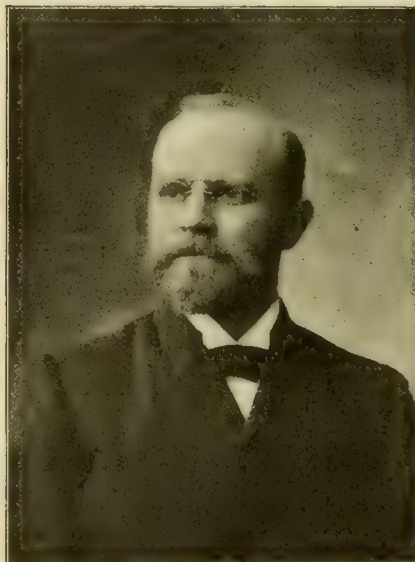
D. H. GILBERT, of Monticello, Fla., specialist in watermelon seeds, says this item is likely to advance materially in cost next season, owing to the high price of fertilizers needed in the culture of the crop.

LAWRENCE S. PAYN attended the seedsmen's convention at Chicago, June 20-22, in the interest of his firm, Simon Louis Freres & Co., of Bruyeres-le-Chatel, France, and is now calling on the trade in the leading cities. Mr. Payn's address is care of F. B. Vandegrift & Co., 15 Whitehall street, New York.

WALTER P. STOKES, the well known Philadelphia seedsman, died in Maine July 1. This is the fourth seedsman of that city who has passed away recently, the others being W. Atlee Burpee, Wm. Henry Maule and Robert Buist. Mr. Stokes was president of the American Seed Trade Association in 1902.

H. A. NALDRETT, representing Kelway & Son, Langport, Somerset, Eng., is calling on the American trade. Mr. Naldrett's address is care of Thomas Meadows & Co., 8-10 Bridge street, Battery Park, New York.

ST. LOUIS, MO.—The St. Louis Seed Co. says trade this spring has been about the same as 1915 in sales and also in volume of business in general. This firm was only hampered on account of being unable to get its full supply of flower seed from Germany as usual, also the shortage of several varieties of beans. These items have reduced the sales considerably. Spring bulbs, gladioli, dahlias, tuberose and caladiums have been in demand and this concern is about sold out of all these varieties.



The Late Walter P. Stokes.

French Bulbs.

Toulon advices of June 12 indicate that the growers are not satisfied with their harvest of French bulbs, which has been in progress some days. The crop is only a medium one. Hyacinths show more disease than usual, and narcissi have not made as good growth as in previous seasons. Drought following the flowering period has injured the bulbs considerably. Add to this the scarcity and high price of labor, it may be concluded that many growers will leave their narcissus bulbs undug in the ground and await the possibility of marketing the cut flowers therefrom in the early winter. Such laborers as can be found are already engaged to work in the vineyards where the harvest is very fine this season. Wines are bringing high prices at present, and this industry is much more attractive than bulb growing.

Vine Seeds.

Fremont, Neb., June 10.—We have had a rather cold and somewhat wet and backward spring here which has caused considerable replanting of sweet and field corn, also some replanting of vine seeds and our reports from Rocky Ford state the conditions were rather dry, cool and windy out there, causing a slow and uneven growth, but they hoped to have a good stand with improved conditions. We have not heard the reports from Kansas and some other Colorado and western points, but understand it has been generally cool and rather unseasonable in most sections and that the vine seed crops farther west are making a slow growth, but taking good root and if the weather warms up, we hope for good crops.

Summer squash has been the hardest crop to place on account of the low prices the trade is willing to pay, which makes it difficult to interest the growers as there is no feeding or other value to summer squash crops excepting the seed product and yet the trade will not pay as much as for winter squash, which has a feeding value and does not require a machine to take the crop out, or cost as much to clean and make it ready after being seeded. We think the time will come when the seed trade will be obliged to pay as much, if not more, for summer varieties of squash as they do for winter varieties and which they should do.

Contract orders from the trade have been running larger than usual on most varieties.

WESTERN SEED & IRRIGATION CO.

The Late Walter P. Stokes.

Walter P. Stokes, for many years engaged in the seed trade in Philadelphia, Pa., and a prominent member of the Society of Friends, died suddenly, July 1, while on a fishing trip in the Maine woods near Moosehead Lake. Death was due to heart disease. Mr. Stokes resided in Moorestown, N. J. With him on the trip were J. Morton Brown and J. Edward Moon and wife, of Trenton, N. J. They left here about 10 days ago, and until a few minutes before his death Mr. Stokes was seemingly in excellent health. Mrs. Stokes had expected to join them this week and go with her husband to Northeast Harbor, Me., to spend part of the summer.

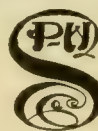
Mr. Stokes was born in Philadelphia 60 years ago. When a young man he

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALADY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,

CHICAGO, ILL.

Mention the American Florist when writing

BARNARD'S Seed Store

231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

became a member of the firm of Johnson & Stokes, 219 Market street. The firm was dissolved in 1906 and Mr. Stokes' business was taken over by a corporation, of which his son, Francis C. Stokes, is the head. The deceased was head of the tree commission of Moorestown, first president of the Moorestown Field Club, a member of the board of directors of the Friends hospital, Frankford, and of the Cheyney Institute for Colored Youth. He was a member of the Northfield Country Club, Atlantic City, and the City Club, Philadelphia. He was a past president of the American Seed Trade Association and was widely known in the trade throughout the country. He is survived by his widow, Mrs. Anna Saylor Stokes; a daughter, Mrs. Edwin A. Russell of Richmond, Va., and two sons, Francis C. Stokes and Walter P. Stokes, Jr.

The funeral, held at his late residence in Moorestown, July 5, was largely attended by representatives of all the seed houses in Philadelphia and vicinity and many of the local craft, by whom he was held in the highest esteem.

New Jersey Seed Crops.

Pedricktown, June 14.—Seed crops in southern New Jersey have all been planted except winter squash and pumpkin, which are going in the ground this week under favorable conditions, although the season has been backward and late, owing to the prolonged cool spring. Such crops as tomato, egg plant, pepper, cucumber, melons and corn have made a fair stand. We have been blessed with sufficient rains to date, also bugs and beetles as usual. Acreage about normal outside of egg plant and some varieties of pepper, which is less than last year. With warm nights and plenty of sunshine from now on, with an occasional shower, crops will improve materially.

P.

Swedesboro, June 10.—The weather in this section for May was cold and dry and almost all seed crops are backward. There has been a nice rain this week, which will enable us to get a full acreage of tomato, egg plant and peppers, and growers now have their plants in the fields. We have been able to get out a large acreage of vine seed and prospects are for full crops, providing warm weather comes.

EDGAR F. HURFF.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seed

SPECIALTIES

Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF

Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

ENGLISH CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American trade for many years past is now in the United States and all mail should be addressed to him care F. B. Vandergrift & Co., 15 Whitehall Street, New York.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Nignonette, Verbena in variety.

Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

PANSY SEED

My Giant Pansy seed new crop now ready, contains the finest mixtures in superb colors all grown from selected stock. Try a pkt. of this seed you will not be disappointed. 1 pkt., 5000 seeds \$1.00; ½ pkt. 50c; \$4.00 per oz.; 3 ozs., \$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.

Grower only of the finest Pansies.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
 Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

French Seed Crops.

We take the following from a personal letter, dated May 11:

"At the present time it is very difficult to have contracts for the 1917 crops accepted by the growers at any price on account of the shortage of labor and the high wages of the working class. We have had lots of roots and plants grown both for this and next year's crops, but these are lost owing to the impossibility of planting.

"On the other hand, potatoes, beans, wheat, oats, etc., are now such remunerative crops not subject to such contingencies as seed crops that most of the former seed culturists grow them in preference to seeds which are always erratic crops, needing much care and knowledge.

"Again, we have had a strange winter and spring. December and January were the mildest months we have had for 50 years. Plant growth continued to such an extent that it was possible in February to place on exhibition flowers of nearly 100 outdoor plants, some of which usually bloom much later. This was followed in March with blizzards accompanied by snow or rains, culminating in floods and many plantations of turnip and other seed crops were lost.

"We, therefore, anticipate very poor crops of most items, even under the extraordinary efforts to encourage the seed growers by higher prices, fully double the former remuneration in some cases. From this it will readily be understood that most seeds will be expensive for years to come and some will be so scarce as to be difficult to obtain at any price."

Iowa Seed Crops.

Muscatine, June 12.—The cold, wet spring was hard on our pepper and melon plants especially, but they are doing better now. Too soon to report on asparagus, as it is just in bloom now, so can not tell how well it will set seed. Rhubarb set a fine crop of seed, but we had a hard wind last week which blew off quite a bit of it. Sweet potato plants are starting off well. Egg plant and tomatoes are getting ahead of the bugs now, so think prospect on them is good. So much of the land on the lower half of Muscatine Island was overflowed that the acreage of water melons, especially, will be much less here than usual.

H.

Free Seeds Stricken Out.

Washington, July 3.—The senate today, following its annual custom, voted to strike from the agricultural bill the appropriation for seeds to be distributed by members of congress to their constituents. The item heretofore always has been restored in conference.

MESSRS. KELWAY & SON

Wholesale Seed Growers and Merchants, Langport, England,

Have pleasure in announcing that their

MR. H. A. NALDRETT

Has just arrived for a business trip throughout the United States and Canada.

Mr. Naldrett's address during this period will be

Care Messrs. THOMAS MEADOWS & CO., 8-10 Bridge Street, Battery Park, NEW YORK, where please write him.

Mention the American Florist when writing

Thorburn's GLADIOLUS

Various Choice Mixed
Varieties

See our Florists Catalogue
and ask for special prices.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - - NEBRASKA

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quantity,
variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

VALLEY FROM STORAGE H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St. CHICAGO



Calceolaria Hybrida

Mixed Extra Choice. Our mixture is composed of the choicest selections of tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction.

1000 seeds, 50c., 3 tr. pkts. for \$1.35.

Cineraria

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.

Tr. pkt. (500 seeds) 50c., 3 pkts. \$1.40.

Mignonette

New York Market. The largest and best greenhouse variety. Pkt. (1000 seeds) 50c., oz. \$7.00, 1/2 oz. \$1.00.

Primula Sinensis

Vaughan's International Mixture. Pkt. (500 seeds) 50c., per 1/16 oz. \$3.50. All separate varieties.

We have a good supply of Orchid-flowering Sweet Peas for Christmas blooming. Also Morse's 1916 Novelties.

Ask for Complete Mid-Summer List of Flower Seeds.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

VAUGHAN'S PANSY 3 MIXTURES

"Cut Flower"

Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
Runs to Light Colors..... 25c 85c \$5.00 \$17.50

"Giant"

Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
Contains all the BIG ones..... 25c 60c \$4.00 \$14.00

"International"

Wonderful Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
In range of colors..... 50c \$1.50 \$10.00 \$35.00

Giant Flowered Pansies

	Trade pkt.	1/8 oz.	Oz.
Adonis, light blue, with a white center.....	\$0.10	\$0.25	\$1.50
Andromeda, delicate apple-blossom .....	.15	.35	2.00
Beaconsfield, light lavender and rich purple....	.10	.30	1.80
Boulogne Giant, mostly 3 and 5. blotched, delicately veined; colors rich and varied.....	.50	2.00	....
Bugnot, shades of red.....	.15	.40	2.80
Emperor William, dark navy blue.....	.10	.25	1.40
Golden Queen, clear golden-yellow.....	.10	.25	1.50
Mad Perret, lovely shades of pink and rose....	.10	.30	1.80
Masterpiece (Frilled Pansy). Petals beautifully waved; exquisite colors .....	.25	.75	5.00
Orchid-Flowered, the ground color is light, with large brown blotches which diffuse into rays and veins towards the edge.....	.20	.70	2.50
Orchid Flowered Almond Blossom, delicate rose .....	.25	.50	3.00
Orchid Flowered Mammoth, an odd combination .....	.25	.50	3.00
Orchid Flowered Superba. This is an improvement on the original Orchid Flowered mixed. ....	.25	.50	3.00
Psyche, the five velvety violet blotches are surrounded by broad white edge.....	.20	.50	3.50
Rosy Morn, a bright purplish crimson margined with a clear white edge.....	.25	.50	....
Siegfried, 5 spotted with a clear white margin. The colors are rich brown shades.....	.25	.50	3.50
White, very large, with violet eye.....	.10	.25	1.60
Yellow, immense flowers with dark eye.....	.10	.25	1.60
And fifty other named sorts. See Summer List Florists' Seeds.			

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

THE KENILWORTH Giant Pansy



Seeds are all grown by myself and are offered in the following mixtures and separate colors:

22. **GIANT KENILWORTH STRAIN.** The flowers are of perfect form and substance; many of the immense flowers are from $3\frac{1}{4}$ to 4 inches. It is a striking collection of beautiful colors and markings, rich with shades of red, brown, bronze, mahogany and many others too numerous to mention. Light, Medium or Dark Mixtures.
24. **GIANT KENILWORTH SHOW.** An extra fine strain of large flowers; the immense flowers are of circular form and great substance. A beautiful collection of colors and markings.
26. **GIANT KENILWORTH CUT FLOWER MIXTURE.** Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 to 8 inches long, in the most graceful manner, and stand the hot, dry weather well.
28. **GIANT MASTERPIECE.** A remarkable type; the curled, wavy petals giving the flower a double appearance; large flowers of great substance, on long, strong stem.
30. **GIANT THREE AND FIVE BLOTCHED PANSIES.** A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich, velvety colors; reds are particularly conspicuous; the petals being distinctly marked with three or five large, dark blotches.
32. **GIANT PARISIAN.** The flowers are of enormous size and beautifully marked, mostly fine dark blotches on white and yellow ground; an unusually showy mixture.
34. **GIANT BRONZE.** A fine mixture of all shades of velvety brown, bronze, Havana brown, mahogany and copper shades.
45. **GIANT APOLLO.** (Masterpiece type). New bronze, veined and blotched. Strongly frilled petals. A superb Pansy.
47. **GIANT ERFORDIA.** (New Red). Of the Masterpiece type. The largest and best red. The result of ten years of selection. The color is of a deep, smooth, velvet red shading to scarlet, with curled petals and sweet scented.
49. **GIANT MERCURY.** New. A deep blackish purple, really self-colored, without blotches or spots. The flowers are extraordinary in size and substance, being the largest flowers of all self-colored Pansies.
82. **ORCHID FLOWERED.** Mixed. A dwarf, free bloomer, with a range of delicate colors that do not exist in any other Pansies; a remarkable combination of light rose, shell pink, bluish mauve, fawn, light brown, orange and chamais.

New Early-flowering or Winter-blooming Giant Pansies

An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves and for very early bedding, as well as for early cut flowers.

14. **WINTER SUN.** Golden yellow, with dark eye.
15. **ICE KING.** Silvery white, with dark blue eye.
16. **CELESTIAL QUEEN.** Light or sky blue.
17. **CHARM OF MARCH.** Dark velvety blue.

18. **MIXED.** The above four colors with other shades and variations. Each color separate or mixed. 500 seeds 50c., 1,000 seeds \$1.00, $\frac{1}{4}$ oz., \$2.00, $\frac{1}{2}$ oz. \$3.75, 1 oz. \$15.00.

20. **PRINCESS.** The New Upright Pansy.

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weatherproof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy, velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c., 1,000 Seeds 35c., $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$2.00, 1 oz. \$7.50.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1,000 seeds of Rainbow and with other amounts in like proportion.

Prices of Kenilworth Pansy Seed

All sorts of mixtures except the new Pansy Princess and the Early Flowering or Winter Blooming are \$5.00 per oz.; \$1.25 per $\frac{1}{4}$ oz.; 5,000 seeds \$1.00; trade pkt. of 1,000 seeds 25c; any 5 pkts. \$1.00. Please order by number.

GIANT PANSY SEED In Separate Colors

38. Mme. Perret. Red and wine shades.
42. Adonis. Light blue, white center.
44. Black. Almost coal black.
48. Lord Beaconsfield. Purple, shaded white.
64. Goliath. Large, curled yellow, blotched.
68. Emp. William. Ultramarine blue, violet.
72. Emp. Franz Joseph. White, blotched blue.
98. Indigo Blue. Deep, velvety blue.
100. Light Blue Shades.
106. Pres. McKinley. Yellow, dark-blotched.
114. Purple. Large, rich, deep color.
118. Psyche. Curled white; five blotches.
126. Red. A collection of rich red shades.
137. Vulcan. Dark red, with five blotches.
138. White. Large satiny white.
140. White with Violet Blotch.
142. Yellow. Large, gold, yellow.
144. Yellow with Dark Blotch.
145. The preceding 18 colors separate or mixed. Mixed in equal proportions, 1,000 seeds 25c; any 5 pkts., \$10.00.

Chas. Frost
Kenilworth,
N. J.

Mention the American Florist when writing

AZALEAS

We are wholesale growers of Azalea Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Verveaneana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in...	\$40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
" 14-16 in...	20.00	" 20-22 in...	80.00
" 15-17 in...	30.00	" 22-25 in...	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

ADRIAENSSENS FRERES,
LOOCHRISTI, BELGIUM.

Through **H. BRAACKMAN & CO.,** Rotterdam, Holland

Mention the American Florist when writing

Miscellaneous Plants

	2-in.	2-in.	3-in.	3 in.
	100	1000	100	1000
Alyssum, dwarf and giant	2.00	18.50	3.00	25.00
Begonia Vernon	2.00	18.50	3.00	25.00
Coleus, 10 varieties	2.00	18.50	3.00	25.00
Cuphea, Platycentra	2.00	18.50	3.00	25.00
Lemon Verbenas, 6 var.	2.00	18.50	3.00	25.00
Moonvines	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Senecio Argenteus (Dusty Miller)	2.00	18.50	3.00	25.00
Swainsona, white	2.00	18.50	3.00	25.00

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

Bagatelle Rose Trials.

With all the troubles incident to the war it is very pleasing to note that the municipal council of Paris, France, continues the excellent condition of all the municipal gardens, especially the Bagatelle rose garden. The annual awards for new roses in this competition were made June 15 as follows:

Constance (Pernet-Ducher) received the gold medal for a rose of French origin. This variety, which is a great improvement on Rayon d'Or, needs no description.

Mrs. Wemyss Quin (Alex. Dickson & Sons) received the gold medal as the best variety of foreign origin. This is a superb variety and created a sensation.

Admiral Ward (Pernet-Ducher) dark red hybrid tea, superb variety, first class certificate.

Ghiselaine de Feligonde (E. Turbat & Co.) a true perpetual climbing multiflora with superb golden yellow flowers, first class certificate for the best climber.

Andre Messimy (Quillot) hybrid tea, orange ochre, shaded carmine, second class certificate.

Benedictus (Leenders) hybrid tea, a huge bloom, certificate.

American Association of Nurserymen.

As announced in our issue of July 1, page 1274, the forty-first annual meeting of the American Association of Nurserymen opened at Milwaukee, Wis., June 28, with an attendance of about 250. Following the welcome extended to the visiting delegates by Mayor Hoan, President Welch in his opening speech said:

Our organization has been made more perfect, our constitution and by-laws have been wisely revised, and an organization of co-workers has put its shoulders to the wheel. Under the reorganization plan, the management rests largely with the members of the executive committee, the president being chairman. During the past year the duties were distributed by the appointment of sub-committees, as follows: Finance, publicity, programme and membership. The work of the legislative committee has been greatly benefited by the employment of Curtis Nye Smith, of Boston, as general counsel. He has given careful attention to all legislative questions that have been brought up during the year. There have not been many changes in freight rates since our last convention. On June 1, 1915, rates on car lots in the official classification were advanced from fifth to fourth class in spite of the protests of the shipper. An organized effort should be made to secure a minimum of 14,560 pounds for small cars in both official and southern classification territory. The question of tariff is one which has confronted the business man for half a century. Personally, I favor an advance in the rate of nursery

stock not otherwise specified, in order to check the importation of foreign stock and give greater protection to the American grower. The executive committee has adopted a system of trade terms which were published in connection with Bulletin No. 1. These terms were also adopted by the Western Association of Nurserymen.

The slogan, "The Nursery Business for Nurserymen," enunciated by W. H. Wyman in the first paper to be read, seemed to be the keynote of the entire convention. In his paper he said he believed one of the first items of business to which nurserymen should set themselves, is to work out a plan to put the business upon a dignified basis. Any man, who is a member of the American Association of Nurserymen, should need no other badge to vouch for his integrity and the public



John Watson, Newark, N. Y.
President American Association of Nurserymen.

would be better served if horticultural products were dealt out by nurserymen who were properly standardized by membership in the association. He suggested as a condition of membership, that no man shall sell to any one outside of this association any nursery stock at a price below his published listed prices. It should be a choice between the nursery fraternity on the one hand, and the hucksters and drygoods houses on the other.

A paper, entitled "Who are Entitled to Receive Trade Lists?" was read by J. H. Dayton, who said in part: "What is a trade list? I should say a list quoting lowest prices to legitimate nurserymen who are engaged in the trade and buy stock to sell again at trade or wholesale prices. I believe that every one growing stock in quantity for the trade, ought to issue a trade list, mailed only to men actively engaged in growing nursery stock and selling it together with what he buys, to the trade for reselling and that just as far as their orders will justify we ought to bill at lowest quantity rates. As a result of the discussion following this paper, a committee was appointed to report recommendations in regard to regulating trade lists, and this committee later presented the following recommendations, which caused a live-

ly debate, but in spite of much opposition, were adopted:

TRADE LIST RECOMMENDATIONS.

1. That the American Association of Nurserymen compile for the use of its active members a mailing list containing the name of each and every nurseryman, dealer or firm engaged in the growing of nursery stock for sale, or the selling of nursery stock through agents or catalogues.

2. We recommend that each state, through a committee of five resident nurserymen, appointed by its state vice-president, be empowered and delegated full and absolute authority to furnish to the American Association of Nurserymen a list of names of all nurserymen and dealers who in their judgment are entitled to wholesale trade lists.

3. We recommend that each and every state vice-president be delegated the authority to add to or take from his state list any name who, in his judgment and the judgment of his committee, is or is not entitled to the nurserymen trade list.

4. We recommend that each and every state list be furnished to the association by the various state vice-presidents at the earliest date possible, and that these lists be compiled into an official directory, by the secretary of the association, or his assistant.

5. We recommend that an appropriation be made at this time sufficient to cover the expense of compiling and printing these lists and that the secretary be authorized to employ necessary assistance to complete this directory in the shortest possible time.

At the publicity session which followed the executive meeting the principal speaker was J. Horace McFarland, Harrisburg, Pa., his topic being, "Co-operative Nursery Publicity." He called attention to the vast changes that have occurred in the attention paid to all things that grow on land and the desire of the people to know of the things that are being grown, but he added that the nurserymen were far behind the times in the way of advertising sense, lacking in newspaper publicity, and suggesting the appointment of a committee carefully selected for sectional representation to prepare a plan for co-operative publicity to be presented at the next convention. He suggested all members try out local advertising in their home papers and report results to the publicity committee on blanks prepared for the purpose. E. H. FAVOR, editor of the Fruit Grower, St. Joseph, Mo., the next speaker, had for his theme, "Cheaper and More Productive Advertising." He emphasized the point that all advertising to be successful must be backed up by the right kind of stock and good service and that the suggestions of a practical advertising man should be followed in presenting nursery stock to the public. J. M. Irvine of the Curtis Publishing Co., Philadelphia, was a visitor at this meeting and also spoke a few words on effective methods of advertising. Frank B. White of Chicago contributed a paper on "Fair Play Nursery Advertising", in which he urged co-operation in the matter of a higher grade of nursery stock and the standard of the trade generally.

W. H. Wyman, North Abington, Mass., here presented the following resolution, which was adopted:

Resolved, That the incoming president be directed to appoint a committee on publicity to consist of seven members selected from seven sections of the United States, to which shall be committed the various propositions and discussions presented at this convention relating to obtaining better and larger markets for our products, and that the executive committee be requested to provide such funds as are practicable for the support of this work; this publicity committee to report at our next convention on such plan for co-operative publicity.

Prof. Hugo Kuechenmeister, who spoke on "A Practical Cost System for

Nurserymen," brought out many good points relative to cost of production and a better system of accounts generally. A letter from the New York chapter of the American Society of Landscape Architects was read in which it was asked that the A. A. of N. appoint a committee to meet with the committee of their society to act as a clearing house in all matters pertaining to the two societies. On motion of J. H. Dayton such committee was appointed. The report of the arbitration committee was next presented by W. C. Reed, chairman. This is the first year that this committee has been in existence and in the few instances that came before it satisfactory settlements had been effected.

Herbert Chase, Delta, Colo., in his paper on "Proper and Uniform Bunching, Packing and Handling of Nursery Stock," made comparisons of six carloads of nursery stock received in Colorado from different firms. The shipments received in two cases were in perfect condition, trees tied 10 to a bunch, two labels to each bunch and a box index indicating everything so that orders could be shipped out at once. In contrast the other shipments were poorly packed, $\frac{1}{2}$ and $\frac{3}{4}$ tied in same bundle, some bunches unlabeled and had to be thrown away. Another paper on the same subject was read by W. T. Hood, Richmond, Va., who spoke of evolution in the packing of nursery stock from the time of Franklin Davis to the present day. The speaker has been in the business for 51 years and his remarks were listened to with interest. Other papers followed by Prof. F. L. Washburn, state entomologist of Minnesota, on "White Pine Blister Rust;" Prof. J. G. Sanders, state entomologist of Wisconsin, on the "Cotton Boll Weevil," a warning against insect pests and plant diseases.

EXECUTIVE COMMITTEE RESOLUTIONS.

The following recommendations offered by the executive committee were accepted:

That each state and district nursery trade association be invited to appoint a committee of one, these committeemen to constitute an advisory board to work with the executive committee of this association, the object being to closely connect the various trade associations with the national association, and to provide a specific working plan between them.

That the work of the nomenclature committee be continued, with an appropriation of \$250, or as much thereof as is necessary for this work the coming year.

That executive sessions of this association be open to active members only.

The following resolutions offered by the executive committee were adopted:

Whereas, the free distribution of nursery stock by the federal or state governments at the cost of the taxpayers (nurserymen included) is, and has been proved to be, a serious menace to and interference with the legitimate commerce of nurserymen, and

Whereas, said free distribution of nursery stock, if continued and extended, will surely injure the planters of horticultural products, because the nurserymen cannot and will not be attracted to the propagation of high grade or indeed of any stock, or to the discovery of new strains or varieties, be it

Resolved, That the American Association of Nurseryman in annual convention at Milwaukee, Wis., June 28-30, 1916, expresses its unqualified disapproval of such free distribution of nursery stock, and be it further

Resolved, That the secretary of this association respectfully convey to the proper committees, officers or members of congress a copy of these resolutions.

Resolved, That the American Association of Nurserymen regard with disapproval the shipment by Holland nurserymen, or others, of stock to be sold at auction and in other ways than by those in trade, to the detriment of legitimate nursery interests, and that the officials and members of this association are urged to discourage these practices in all proper ways, and that copies of this resolution be mailed to the foreign nurserymen, with the request that the resolution be brought to the attention of their trade associations, and, further, that copies be furnished to the trade papers.

Resolved, That we approve of the idea of the confidential bulletin, and authorize the executive committee to continue to publish the same at such intervals as they may deem necessary, such publication to be mailed to active members only, and the said bulletin shall be the official organ of this association. No business advertisements shall appear in the official organ.

Resolved, That we renew our request of the last convention, that the entertainment features of the next annual meeting be eliminated, thus relieving the local nurserymen of an unnecessary tax, and better permitting the transaction of the business of the convention.

Resolved, That the executive committee be authorized with full power to act, to work out to the best of their ability and in such manner as they may decide, the problems connected with the establishment of a credit, collection and reporting bureau; collection and distribution of statistics; the publication of the confidential bulletin, and to put the same into operation as soon as possible.

OFFICERS ELECTED.

The election of officers for the ensuing year resulted as follows: John Watson, Newark, N. Y., president; Lloyd C. Stark, Louisiana, Mo., vice-president; Peter Youngers, Geneva, Neb., treasurer. Executive committee, three-year term; J. B. Pilkington, Portland, Ore., and E. S. Welch, Shenandoah, Ia. Philadelphia was selected as the next place of meeting.

In addition to the trade exhibits mentioned in these columns last week, interesting displays were made by the following:

De La Mare Printing Co., New York, books and pamphlets.

F. W. Watson & Co., Topeka, Kan., apple seedlings.

D. Hill Nursery Co., Dundee, Ill., evergreens.

Stark Bros. Nursery & Orchards Co., Louisiana, Mo., one-man box truck.

PAINESVILLE, O.—There were severe windstorms in this vicinity, July 2, doing much damage to crops and property.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

TREE, SHRUB AND PALM . . SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES, CALIF.

2½ and 4-inch pot ROSES

In Good Assortment.

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.



**JAPANESE
TEA GARDEN
—AND—
ROCKERY**
For your summer house,
made in a short time,
T. R. OTSUKA,
300 S. Michigan Ave., Chicago.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

— THE —

Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists

Free on Application.

PAINESVILLE, - OHIO

Mention the American Florist when writing

PEONIES and IRIS

Catalog now ready.

PETERSON NURSERY

Stock Exchange Building, CHICAGO, ILL.

Our Guarantee

We will replace with three all plants
not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

**Field-Grown Roses, Flowering Shrubs, Perennial
Plants, Climbing Vines, Ornamental Trees.**

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WHITE PERFECTION.....	\$4.50	\$40.00
ENCHANTRESS.....	4.50	40.00	WASHINGTON.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
ROSE PINK ENCHANTRESS,	4.50	40.00	BEACON.....	5.00	45.00

PETER REINBERG

WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

CHRYSANTHEMUMS

Now Ready from 2¼-inch pots.

COMMERCIALS.

Golden Queen, Antique, Unaka, Marigold, Smith's Advance, White Bonnaillon, Golden Glow, Major Bonnaillon, Pacific Supreme, White Chieftain, Mrs. H. Robinson, Naomah, Smith's Sensation, Dr. Enguehard, Early Frost, Oconto.

SINGLES.

Stanley Ven, Allegheny, Mrs. E. D. Godfrey, Polly Duncan, Clea, Miss Isabelle.

Price, \$3.00 per 100; \$25.00 per 1000.

Not less than 25 of a variety at hundred; 250 of a variety at thousand rate.

Reference or cash from unknown correspondents. These prices are to those in the trade only.

ELMER D. SMITH & CO.,
ADRAIN, MICH.

Mention the American Florist when writing

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of

FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.

SAN FRANCISCO, CALIF.

Mention the American Florist when writing

Boxwood Plants IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.....	\$2.00	\$3.75
3 -ft.....	2.50	4.50
3½-ft.....	3.50	6.00
4-ft.....	4.50	8.00
BUSH— 24-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS— 10-inch (out of tubs), doz., \$3.00; 12-in. doz., \$4.00		
18-20-inch stem, 12-inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-16-in. stem, 12-in. crown.....	1.50	2.75
GLOBES— 15x16-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN— 12-inch.....	\$0.45	\$4.50	\$35.00
18-inch.....	.75	8.00	50.00
GREEN— 18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED— 12 to 18-inch.....	\$0.60	6.00	50.00

Ampelopsis Veitchi, 3-yr., Pot-Grown, Doz., \$3.00; 100, \$20.00

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

GERANIUMS

	Per 100	Per 1000
S. A. Nutt, 2 in.....	\$2.00	\$18.50
Alyssum Dble. Giant, 2 in.....	2.00	18.00
Daisy Mrs. F. Sander, 2 in.....	2.00	18.00
Vinca Variegata, 4 in.....	8.00	75.00
Rex Begonias, 3 in..... doz., \$1.00; 100, \$8.00		

All first-class stock—Packed right.

ELMER RAWLINGS, Wholesale
Grower, Allegany, N. Y.

Mention the American Florist when writing

Will Exchange REX BEGONIAS,

strong plants from 2¼-inch pots, for
BOSTON FERNS, from 2¼ inch pots.

James Vick's Sons, Rochester, N. Y.

Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

25,000 Chrysanthemums READY NOW

In over 20 varieties; early, medium and late,
from 2 and 2¼ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale
Florist,
Washington, New Jersey.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis, Mo.

ASPARAGUS.

ASPARAGUS SPRENGERI, \$9 per 1,000; \$1.00 per 100. Asparagus plumosus seedlings, \$9.00 per 1,000; \$1.25 per 100. Hatcher seedlings, \$10.00 per 1,000; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash, J. W. Miller, Shiremanstown, Pa.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 2½-in. \$5.00 per 100
Xmas Red, 3-in. 8.00 per 100
Erfordii, 2½-in. 3.00 per 100
Erfordii, 3-in. 6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
Chatelaine, 3-in. 8.00 per 100
Prima Donna, 2½-in. 3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed.

ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Lorraine, 2½-in. pots. \$ 12.00
Cincinnati, 2½-in. pots. 15.00
Mrs. J. A. Peterson (new), 2½-in. pots. 25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonias. Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. Luminosa, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, 2½-in. pots, immediate delivery. Glory of Cincinnati, \$15 per 100; Mellor, \$20 per 100; Mrs. J. A. Peterson, (new), \$25 per 100. J. A. Peterson & Sons, Westwood, Cincinnati, O.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000; Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kasting Co., 383-387 Elliecott St., Buffalo, N. Y.

Begonia Chatelaine, strong 2½-in., \$4.50 per 100; \$40 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

TUBEROUS BEGONIAS, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed. ERNEST ROBER, Wilmette, Ill.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

	Each.
Boxwood, 12-15-in.	35c
24-30-in.	\$1.25 to 1.50
Pyramids, 2-2½ ft.	1.75
Heavy	2.00
3-3½ ft.	2.50
Heavy	3.00
4 ft.	4.00
Standard, 12-in.	2.50
15-in.	3.50
Globes, 12-in.	1.75
All plants balled in tubs up to 4 ft., 25c extra each Laurus Cerasus for box filling.	
ERNEST ROBER,	Wilmette, Ill.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each; 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow Freesias, of good blooming size and in a mixture of colors. \$5 per 100; \$40 per 1,000; \$187.50 per 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Imported for forcing. French, Japanese, Dutch. Also Bermuda and California stocks. Write for prices. Vaughan's Seed Store, Chicago and New York.

Bulbs. Freesias, California and French grown. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Elliecott St., Buffalo, N. Y.

Bulbs, Holland grown. The MacNiff Horticultural Co., 52, 54 and 56 Vesey street, New York, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS.

CANNAS. Divided roots. \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia. Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Washington, Joe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation Aviator. Field plants, good strong healthy stock. \$12 per 100; \$100 per 1,000. Delivery July 1st. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS AND CUT

BACK PLANTS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Col. D. Appleton, yellow	\$2.00 18.00	\$2.00 20.00
Bonnaillon, yellow	2.00 18.00	2.00 20.00
Intensity, red	2.00 18.00	2.00 20.00
Chieftain, pink	2.00 18.00	2.00 20.00
Marigold, yellow	2.00 18.00	2.00 20.00
White Chadwick	3.00 25.00	2.00 20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of Pompons in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Lulu, white	\$2.00 18.00	2.00 20.00
Baby, yellow	2.00 18.00	2.50 20.00
Overbrook, yellow	2.00 18.00	2.50 20.00
Mrs. Astor, yellow	2.00 18.00	2.50 20.00
Sabey, yellow	2.00 18.00	2.50 20.00
Cubit, tan	2.00 18.00	2.50 20.00
E. D. Godfrey, pink	2.00 18.00	2.50 20.00
Croesus, bronze	2.00 18.00	2.50 20.00
Tiber, brown and red	2.00 18.00	2.50 20.00
Quinola, yellow	2.00 18.00	2.50 20.00
Pretoria, yellow	2.00 18.00	2.50 20.00
Zenobia, yellow	2.00 18.00	2.50 20.00
Mary Richardson, terra cotta	2.00 18.00	2.50 20.00
Aglol, variegated	2.00 18.00	2.50 20.00
H. Hicks, brown	2.00 18.00	2.50 20.00
Klondyke, yellow	2.00 18.00	2.50 20.00
Mrs. F. Beu, bronze	2.00 18.00	2.50 20.00
Sylvia, red	2.00 18.00	2.50 20.00
Sydania, yellow	2.00 18.00	2.50 20.00
Miss Julia, yellow	2.00 18.00	2.50 20.00
Lilla, red	2.00 18.00	2.50 20.00
Sou, Melannia, pink	2.00 18.00	2.50 20.00
Diana	2.00 18.00	2.50 20.00
Golden Climax	2.00 18.00	2.50 20.00

162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemum. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**CHRYSANTHEMUMS.**

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

CHRYSANTHEMUMS. Leading commercial varieties, 2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Pompon. Over 100 varieties, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

COLEUS, good varieties, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

CROTONS.

CROTONS, 6-in. pots, fine plants, 50c and 75c each. HENRY SMITH, Grand Rapids, Mich.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including Improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, Good varieties, fine plants, \$3.50 per 100; \$30.00 per 1,000. Selected plants, \$6.00 per 100; \$50.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZ, Alexandria, Va.

Cyclamen, The St. George's Nursery Co., Harlington, Middlesex, England.

DAHLIAS.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williamstown Junc., N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Seven-inch Boston Ferns, \$9.00 per dozen; eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK GREENHOUSES, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Ave., San Francisco, Calif.

TABLE FERNS. Best varieties, double rooted, \$2.00 per 100; \$15.00 per 1,000. HENRY SMITH, Grand Rapids, Mich.

New fancy ferns, special picked, C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS, Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vlaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue, F. H. DE WITT & CO., Wooster, O.

GERANIUMS. Finest assortment of double and single, fancy varieties. Vincent stock. These were grown for our catalog trade. If you wish something different from those usually grown, here is a chance to secure stock very reasonable, strong, bushy, in assorted colors, 3½-in. pots at \$6 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Ia.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Vlaud and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2½-in. Nutt and White \$3.50 per 100. In bud and bloom, \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

GERANIUMS. Rose. Large and skeleton leaf green, 2-in., at \$2; 3-in., \$3 per 100. Variegated leaf, 2-in., at 50c per dozen. Joseph Bancroft & Son, Cedar Falls, Ia.

Geraniums, strong, healthy, 4-in. stock in bloom. Poitevine—Ricard—Nutt, \$8 per 100. J. A. Budlong, 184 North Wabash Ave., Chicago.

Geraniums, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt, 2-in., \$2 per 100; \$18.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

GLADIOLI.

Gladioli. Various choice mixed varieties. J. M. Thorburn & Co., 53 Barclay St., New York.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell. The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2-in., strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 5-in., 25c; 6-in., 35c and 50c; 7-in., 75c to \$1.00. Larger plants, \$2.00 to \$3.00 each, in bud and bloom. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

Hydrangeas, 50c, 75c and \$1.00 each; larger specimens, \$3.00 to \$5.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

IRISES.

German Iris, strong divisions. For July and August planting. For varieties and prices see advertisement on front cover of this issue. Vaughan's Seed Store, Chicago and New York.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily of the Valley, from storage, H. N. Bruns, 3032 Madison St., Chicago.

MIMULUS.

MIMULUS, 4-in. at \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, senecio (dusty miller), alyssum, coleus, salvia Bonaire and Zurich, euphor, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of Cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Company, 737 Buckingham Place, Chicago.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms, Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies, superb strain, fall transplanted, \$1.25 per 100; \$10 and \$15 per 1,000. Cash please. Leonard Cousins, Jr., Concord Junction, Mass.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 123 Chambers St., New York.

PANDANUS.

Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PELARGONIUM.

PELARGONIUMS, 2½-in. at \$8.00 per 100; 3-in. at \$10.00; 4-in. at \$20.00; 6-in. at 35c to 50c each. Good varieties, assorted colors. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, strong 2½-in. (True Christmas type), \$6 per 100; \$50 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

	100	1,000
Killarney	4.00	35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	35.00
White Killarney	4.00	35.00
American Beauty	5.00	45.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081.

162 N. Wabash Ave., Chicago.

Roses. Grafted 3½ in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Ophelia, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond. Write for prices. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.**ROSE PLANTS.**

4,000 strong 2½-in. Pink Killarney, \$20 per 1,000. 4,000 White Killarney, Bench Plants, \$20 per 1,000.

GEORGE REINBERG,

162 North Wabash Avenue, Chicago

ROSE PLANTS. Kaiserin A. V., 2½-in., \$4.00 per 100; \$35.00 per 1,000. My Maryland, \$5.00 per 100; \$45.00 per 1,000. Other varieties in limited quantities. HENRY SMITH, Grand Rapids, Mich.

Rose plants. White Killarney, grafted, \$7.50 per 100; \$50 per 1,000. Killarney Brilliant, own root, \$4 per 100; \$35 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Sunburst, White and Pink Killarney, 2-in., \$25.00 per 1,000. F. J. BENTHEY, 165 No. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses. 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Penna.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS. \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington; Home office, Sioux City, Iowa.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Huff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seed, Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds—Calceolaria Hybrida, Agerania, Mignonette, Primula Sinensis and Pansy. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Specialties: Lettuce, onion, Sweet Peas, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

SEEDS.

Seeds, Winter-flowering Spencer Sweet Pea. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., 128 Chambers St., New York, N. Y.

Seeds, Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Roligiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed, Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed, High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's Langport, Eng.

Seeds, Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed, For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seed, Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

SMILAX, 2½-in. pots, \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

STEVIA.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Grosse Pointe, Ill.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

TO EXCHANGE.

To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

To exchange, stevia, 2½-in., for geranium, R. C., or any stock we can use. D. W. LOHR & SONS, Sharon, Pa.

VEGETABLE PLANTS.

CELERY PLANTS. Golden self-blanching (French strain), fine plants, ready for the field, \$2.00 per 1,000; 5,000 for \$7.50. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Vegetable plants, cabbage and celery, \$1 per 1,000; 10,000 and over, 85c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCAS, 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Vinca Variegata, 4-in., \$8 per 100; \$75 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

MISCELLANEOUS.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$13 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

The Peerless Blower for distributing sulphur, lime or any powdery substance. Edw. E. McMorran & Co., 166 N. Clinton St., Chicago.

Catalogs or catalog covers. Get our prices. Write for a copy of our 80-page stock catalog for nurserymen. Gillies Litho. & Printing Co., Rochester, N. Y.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. B. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Boiler flues, cleaned and trimmed. Also Stuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Hammond's greenhouse white paint and Twemlow's Old English liquid putty. Hammond's Paint and Slug Shot Works, Beacon, N. Y.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c. postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues, Giblein & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

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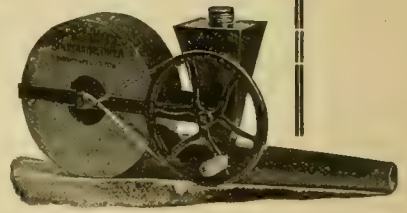
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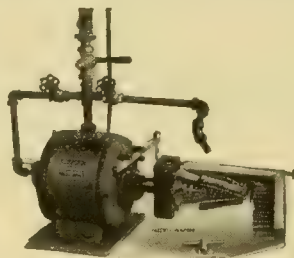
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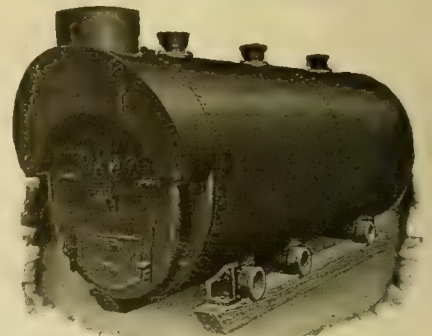
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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; J. J.
HESS, Omaha, Neb., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Thirtieth annual convention to be held at Nor-
folk, Va., August 22-24, 1916. JAS. WARREN, JR.,
Providence, R. I., President; BELLET LAWSON,
JR., River Grove, Ill., Sec'y-Treasurer.

AMERICAN DAHLIA SOCIETY.

Next annual meeting and exhibition, New
York, September 26-28, 1916. RICHARD VINCENT,
JR., White Marsh, Md., President; J. HARRISON
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AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917,
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AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., July 15-16, 1916. WILLIAM GRAY, New-
port, R. I., President; HARRY A. BUNYARD, 40
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AMERICAN GLADIOLUS SOCIETY.

Next annual meeting and exhibition at New
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CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary.

SUGGESTIONS FOR PLANT GROWERS.

Hydrangeas.

The young stock that was propa-
gated this spring can be grown either
for Easter blooming with a single stem
or for summer blooming with three or
four heads. The plants should be now
potted in 4-inch pots and plunged in
a frame, where they will receive at-
tention. They should have a good
rich soil and a strong, sturdy growth
encouraged. For those that are to be
bloomed early, as soon as the pot be-
comes full of roots a little liquid ma-
nure will help the formation of a
good strong bud. Those that are
wanted for summer blooming, the tip
can be rubbed out and branches will
form. Leave the plants outside until
the first light frost, which will harden
off the wood, and they can then be
stored in a cool house or pit where
they will not freeze. Those wanted for
Easter will have to be placed in heat
by the first of the year.

Begonia Gloire de Lorraine.

The early rooted Begonia Gloire de
Lorraine will now need shifting into
3½-inch pots, and should be given a
little stronger soil than the young
stock was potted in, but the manure
used should be well rotted, and, where
obtainable, a generous addition of leaf-
mold. As the plants grow, space them
out so that they will not become
drawn and so that there is a good cir-
culation of air around each plant. They
will need a little shade on the glass
for a few weeks, yet, but it should
not be too heavy. As the nights be-
come cool it is well to close the frames
down if they are outside, or if in the
greenhouse, close the ventilators, leav-
ing a small crack of air on, or the
house will sweat, which is not at all
beneficial to begonias, as it is very
apt to cause spot on the leaf. If this
occurs remove the leaf at once. Care
should be taken in the watering not to
wet the foliage any more than pos-
sible. The later rooted stock will not
need potting up until later, but all
the growth possible should be ob-
tained by giving them the best of at-
tention. If the grower has not stock

enough on hand, now is the time to
purchase before the plants are shifted
into large pots, when the price will
be higher and the transportation
charges increased.

Pyrethrums.

An early summer flower that is very
showy and beautiful, ranging in col-
ors from white to the deepest scarlet,
with all the intermediate shades, is
the Pyrethrum roseum, and it is be-
ing much more grown every year for
cut-flower purposes. The best flowers
are to be obtained by buying named
varieties, but good selected seed will
give fair satisfaction and many hand-
some flowers. The greatest trouble in
growing these plants in the north is
the danger of winter killing and crown
rot during extremely wet spells in hot
weather. Seed sown during July and
August and wintered in houses or cold
frames will produce plants that will
flower next summer. Obtain the best
seed possible and sow in flats and as
soon as large enough pot in 2½-inch
pots. These can be grown on in a
frame until cold weather comes on,
when they can be securely covered or
carried into a cool house and wintered
under a bench, started in March and
planted out as soon as secure from
frost, and will flower in June and
July.

Paper White Narcissi.

The Paper White narcissi are now
being received and as soon as deliv-
ered should be unpacked and spread
out in flats or on shelves in a cool, dry
place. If they remain in the original
cases, they are apt to become moist
or heated when packed closely. They
should be handled carefully and not
thrown around so that they become
bruised or the outer covering torn off.
This covering is a great protection for
the bulb, preventing it from drying.
Plan how the bulbs are to be flowered,
that is, how many are to be brought
forward each week, and start at once
to box up the first lot and then con-
tinue the plantings at the desired in-
tervals. The flats or boxes should be
prepared at once, not only for these,

but for the other bulbs. It is the general custom to use any old box that can be obtained, and they are, therefore, of different sizes and different depths. They do not pack closely when placed outside, neither do they seem to fit on the bench in an economical manner. Our experience has been rather than to buy a mixed lot of boxes of different sizes, it is better and cheaper to purchase stock at the lumber mill and saw it into the proper length. Get one-half inch stock, three inches wide, for the sides and bottom

Pennsylvania Hort. Society Exhibition.

The Pennsylvania Horticultural Society, despairing of getting a fair attendance at its spring and summer shows, in its hall on Broad street, has taken the bull by the horns and moved the exhibitions almost to the homes of its interested members. The peony show was held on the main line and the sweet pea exhibition, June 28-29, in the large hall of the Jenkintown club and reading rooms, at Jenkintown. The building was nicely decorated with palms, bay trees and ferns.

of the clearest white, large and of very good substance. Another, a near-yellow, is the closest approach as yet to this desirable color. These two varieties were awarded certificates of merit and the display a silver medal. There were 13 entries for the best 12 vases, separate varieties, all of which were fine. Another long table was required for the entries of the separate varieties, there being eight vases of the Fiery Cross in competition.

A group of palms, anthuriums and flowering cattleyas and another of cibotium, with a vase of splendid spikes of Candidum lilies in the center, were staged by John Dodds, gardener for John Wanamaker. Thos. Logan, gardener for Clement Newbold, also had a fine group of foliage plants, enlivened with vases of perennials and annuals. Thos. Meehan & Sons staged some fine irises. The exhibition was well attended and a great success in every way. S. S. Pennock, G. W. Kerr and Robert Kift awarded the prizes.

K.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Summertime Industry.

Summer is here with all its lassitude and long time between orders—a little scurry in the morning at times, followed by the everlasting dullness, which, together with the heat, brings on that tired feeling that seems to kill off any desire to attend to other than matters of the most importance. To the ambitious and wide awakesman or woman, there is opportunity presented in this time of absent customers to look over the stock and fixtures, the machinery of the business as it might be called; hunt out the weak and worn parts, repair and paint up, and get everything in order for the fall campaign.

Comparatively few men know just what they have in stock; an inventory is a tiresome, and to many, an unnecessary detail, while as a matter of fact it is one of the most essential things in the business. Aside from



PENNSYLVANIA HORTICULTURAL SOCIETY'S EXHIBITION, JUNE 28-29, 1916.
Table of Herbaceous Flowers Exhibited by Clement Newbold.

and one-inch stock the same width for the ends. Saw the ends 12 inches long and the sides 24 inches. This will make a flat 13x24 inches by using four pieces for the bottom and will allow proper drainage. A flat of these dimensions will hold about 50 Paper White narcissi or 60 to 70 tulips, and will cost but little more in the price of the box and can be made with much less labor, and when the boxes are all of one size they can be placed upon the benches with much saving of room. As soon as the bulbs are planted in the flats they should be placed in a dark, cool place and covered with soil or ashes until rooted, when they can be brought into the houses. The early planted bulbs will require good heat to bloom them successfully, much warmer temperature than the later planted bulbs.

Sweet Scented Geraniums.

The grower who has a stock of rose or other sweet-scented geraniums can turn them to good account by planting them in a bench in the greenhouse and can obtain some fine sprays for winter cutting. The green is very much appreciated by the best trade and there is always a demand in the stores catering to that class for more of this than can be obtained. The sprays are cut 12 to 14 inches long and are used in the boxes of cut flowers. There is also a demand for the leaves, to be placed in the finger-bowls at luncheons. It is easily grown in a cool house and very rapidly makes long sprays fit to cut. The plants can be set about eight inches apart, which will give them plenty of room, provided the sprays are cut as soon as they are long enough for use.

There was a fine display of sweet peas, which, despite the unfavorable weather, were for the most part of very good quality. W. Atlee Burpee & Co.'s collection, staged in the usual good style by G. W. Kerr, was exceptionally fine; there were over 75 vases containing some 50 or more sprays in each. Conspicuous among them was a vase of a new white, as yet unnamed, a truly splendid flower



PENNSYLVANIA HORTICULTURAL SOCIETY'S EXHIBITION, JUNE 28-29, 1916.
Lilium Candidum Display of John Wanamaker, 13 to 14 Flowers Each Spike



W. ATLEE BURPEE & CO.'S EXHIBIT OF SWEET PEAS, PENNSYLVANIA HORTICULTURAL SOCIETY'S EXHIBITION, JUNE 28-29.

the money value determined, a careful study of the stock left on hand at the close of the season emphasizes the mistakes made in buying, as sometimes dozens or half dozens of various kinds of baskets, vases and jardinières are found intact or possibly only a piece or two had been sold, showing that they had not been well displayed or that the customers had failed to appreciate them. Good storekeeping would reduce this condition to a minimum; if the articles do not seem to be in demand an especial effort should be made to work them off, even at a reduced price, so that something more practical may take their place. This keeping things moving is a matter that should be studied by the great majority of the trade; those who have seen the direct advantage of rapidly turning over the stock, presenting the newest and most up to date things to their customers, have a distinct advantage over their slower competitors.

All stock at this season is shopworn and should be overhauled and made as far as possible to look like new. A nail or two loose here and there, a water stain or a few scratches, will, if allowed to remain, make junk of an otherwise good basket; a few repairs, a little paint or gilt, and it is as good as new. Pot covers and pedestals are found to be much the worse of the season's wear and tear. Now is the time to repair. For all round efficiency, a good dark olive or plant green is the best color. A stock of good, stout rattan in several sizes is splendid material for repair work of this kind. A ring of stout rattan, nailed to the bottom of a pot cover, next the outer edge, is a great pro-

tection to the frame work, as it receives the jar and contact when placed or often dropped on the floor. Wooden bottoms for any sized pot cover can be had from the supply man or turned out at a local saw mill; these will be found very useful to replace cracked sections or make new tops for pedestals.

In looking the stock over, quite a little will be found that is useless, things that have been lying around for years taking up space and making a clutter place for rubbish. All this should be sent to the dump. Everything possible should be done to make as much free room as possible. Tools should have a wall space with each separate article outlined in black. The saw, the hatchet, hammers, shears, scraper, screwdrivers, etc., are then in full view at all times; there should also be a shelf for the nail box, marking ink, paints and brushes, the rules rigidly compelling the replacing of these articles when one is through with them.

Wire designs should be orderly arranged; a racked wall space will provide for most of them and when in place, the extent of the stock is seen at a glance and renewals provided for before the last of a size is gone. A good, wide mossing table is a necessary fixture. A large stock of designs can be mossed up during the summer spare time, using sphagnum for this purpose. The heavy green clump moss is considered necessary by some, but it must be used fresh at the time the piece is made up and has not the element of preparedness to be found with the sphagnum, a few of the mossed pieces of which have only to be moistened to be ready for instant use.

The making of magnolia wreaths is summer time recreation. Anyone in the shop can be taught to make a well formed, shapely wreath. These, if kept from the dust or a very damp situation, will last indefinitely. Before being made up the leaves should be wiped clean with a cotton flannel rag and the stem ends cut off. Some florists stem each leaf on a toothpick or a skewer stick, but this is unnecessary, as the greening or small hair pins fasten them securely, making on a properly mossed frame a very symmetrical design. Very much of the drudgery of the holiday seasons is relieved by having on hand a good stock of such designs. Prepared oak leaves also make a good wreath, which, to some, is not considered as artificial looking as the magnolia. The red chenille Christmas wreath is another article that can be made at this time to advantage; a rounded lightly mossed sphagnum frame will do nicely for a foundation, although the professionals use a papier mache hollow-center form, on which to wind the long red chain. These plain wreaths can be made salable by the addition at Christmas time of natural or artificial holly berries, cones, grasses and appropriate ribbons. The small automobile wreaths are made by wrapping the chenille around a small No. 10 wire ring; these are miniatures of the larger sizes, but bring correspondingly much larger prices. There are many other matters along similar lines that will suggest themselves to help enliven and keep up the interest in the work at this season. If the generally idle summer time is utilized in this way, there will be less night work and the store machinery will move along much more smoothly when the business stress comes on. K.



TENTH ANNUAL OUTING OF GREEK-AMERICAN FLORISTS' ASSOCIATION AT WITZEL'S POINT VIEW GROVE, L. I., JULY 6, 1916.

Officials in Charge: (1) D. Soterides, Member Committee on Arrangements; (2) C. Thomas, Secretary of the Association; (3) Chris. Pappas, Chairman Committee on Athletic Games; (4) Geo. Hanges, Chairman Committee on Arrangements; (5) Costos Sakelos, President of the Association.

Greek-American Florists' Ass'n. Outing.

The tenth annual outing of the Greek-American Florists' Association of New York was held at Witzel's Point View Grove, College Point, L. I., July 6, and was a very successful affair, as all the outings of this association have been. The steamer "Ajax" took a large party to the grove in the morning, and this was greatly augmented in the afternoon by arrivals in autos and by the electric lines. On the arrival of the steamer at the grove the party was photographed, after which a substantial breakfast was served, and following came base ball, races, dancing, bowling and other forms of amusement. Before the boat started on the return trip an exceptionally fine dinner was served.

At the close of the dinner, President Sakelos made a speech, which is nothing new for him, as Charles Schenck says he makes a speech every time he buys anything in their store. However, he had a more appreciative audience at the outing than he usually has in the wholesale stores, and his remarks were felicitous and were well received. He closed by introducing George Hanges, chairman of the outing committee, who distributed the prizes. The awards follow:

Boys' race, under 10 years; 100 yards—Lascaris, 1st; St. Theodoratos, 2nd.

Girls' race, under 10 years; 100 yards—M. Carlaftes, 1st; S. Wilson, 2nd.

Young ladies' race, 200 yards—Miss Agnes Birnie, 1st; Miss Maud Nicholas, 2nd.

Married ladies' race; 150 yards—Mrs. K. Kardiasmenos, 1st; Mrs. George Orth, 2nd.

Young men's race; one mile (novice)—Carlaftes, 1st; Theodoratos, 2nd.

Fat men's race; 150 yards—S. Zezzar, 1st; G. Carahahos, 2nd.

Broad jump—Tourney, 1st; Sherochos, 2nd.

Base ball; Greeks vs. Americans—Won by Greek team. Prize \$10 in gold.

Race for members; 200 yards—K. N. Sakelos, 1st.

Greek outing marathon; 2 miles—Mavrikir, 1st; J. Cretie, 2nd; Sackell, 3rd.

Bowling—M. Denis, 1st.

Six hundred persons attended the outing. The day was fine and the association deserves credit for the excellent arrangements and the able manner of carrying them out.

OUTING NOTES.

Eddie Ankers, of Traendly & Schenck's staff, says that it is not right for married men to go to outings, and dance with other women, leaving their wives at home. Agreed. Move that hereafter no married men be allowed at an outing unless they take their own wives.

One of the attractions at Witzel's Grove is a shooting gallery, and Horace E. Froment established a reputation as a good shot.

George D. Nicholas, who has always been active and popular at the outings, was missed this year, a nephew having died suddenly, July 1.

Well-known American florists who attended were: Chas. Schenck, W. F. Sheridan, P. J. Smith, E. C. Horan, H. E. Froment, Chas. Millang, Anton Schultheis, Sr., Anton Schultheis, Jr., A. J. Guttman, Dan Sullivan, Wm. Bogart, Harry Riedel, Phil. Ditzzenburger, Geo. Orth, Chas. Matthews, Arthur Radice, W. R. Jackson, Eddie Angers and others. A. F. F.

Dahlia Names.

In all groups of cultivated plants, especially those in which new varieties easily and quickly arise, confusion of names is almost certain to occur. This confusion it is the province of a nomenclature committee to prevent or to rectify; and the earlier in the development of the group the work of such a committee can begin, the greater the share of its energies it can devote to prevention of confusion, the less time need it spend in rectification, and the more satisfactory will be the final result of its efforts.

With the dahlia, this important work has been almost overlooked for what is now nearly a century of growth of the flower in America; so that the elimination of incorrect and unnecessary names for dahlia varieties (and the weeding out of unworthy kinds that should accompany nomenclatural work), is now an almost impossible task. However, much can be done if

all the members of our society will aid by furnishing suggestions and information.

The first step taken by the committee has been to propose a scheme of classification of dahlias, by which the broad groups of flower forms, into which the horticultural species divides, are defined and named. This scheme has been accepted, with slight modifications, by the executive committee of the society, and is now presented to the members for criticism and suggestion. It is the hope of the members of both committees that this scheme, in its final form, may be adopted by all dahlia growers in America for their catalogues and by show authorities for their prize lists; so that the broad terms, "single," "duplex," "show," "pompon," "decorative," "cactus," "penny-flowered," and the like, as applied to dahlias, may acquire a definiteness and fixity that will make a little more certain than has been the case in the past the use of these terms in dahlia literature.

But the real work of the nomenclature committee has hardly yet begun; which is the attempt to insure, so far as possible, that each name given a dahlia variety shall represent a definite idea. Then two persons, reasonably familiar with dahlias, will be able to feel some confidence, when either speaks or writes of a variety, that the other will have in mind the same flower. Now, hundreds of chances for confusion exist.

These nomenclatural ambiguities originate in many ways; but are always peculiarly liable to be numerous in a group like that of the dahlia, developing simultaneously along quite similar lines in so many different countries, with quite rapid interchange of varieties, but with no central agency for interchanging or checking names.

The dahlia well deserves its most commonly applied specific name, *variabilis*; since hundreds of thousands of dahlia seedlings may be produced in a single season, each slightly different from every other, and each a potential variety liable to christening should its producer, alone, see fit; and capable of being widely disseminated in from three to five years.

It is said that one breeder in England has grown 65,000 seedlings in a



TENTH ANNUAL OUTING OF GREEK-AMERICAN FLORISTS' ASSOCIATION AT WITZEL'S POINT VIEW GROVE, L. I., JULY 6, 1916.

year. Fortunately, he has been wiser than many other breeders on a small scale who look with fond parental eyes on almost any variant among their seedlings; for of the 65,000 probably not more than 50 were even carried into the second season.

Under such conditions exceedingly similar, if not identical, varieties originate in different places each year, of which some pairs are named, differently, of course, pass into commerce, and may be quite widely disseminated before their essential identity is brought to light by some grower who tries them side by side. Such apparently duplicate varieties are Cuban Giant and Dr. J. P. Kirtland, Mary D. Hallack and Queen Victoria, Lucifer (German), and Ami Barillet (French), Bon Maza and Uncertainty, Harold Peerman (English), and Tante Blanche (French?) and several others known to the writer. There are undoubtedly dozens, if not hundreds, of other pairs so nearly alike that one name should suffice for the joint stock of both varieties, or of which one is enough better than the other to warrant discarding the inferior form and releasing the name for a better variety.

In some cases, however, so-called "improvements" on old varieties lose their apparent superiority when grown elsewhere than on the grounds of their originators. The dissemination of such improved (?) varieties should be discouraged until thorough testing under diverse conditions has proved the added floriferousness, greater size, etc., to be due to something more than the first impetus of cross-breeding.

Again, a breeder may originate a variety, name, and disseminate it, wholly unconscious that another has already selected the same name for an entirely distinct variety and given it some permanence by distributing stock. The society, guided by its nomenclature committee, should, in future demand that the baptismal record of a new variety introduced or handled exclusively by its members should be filed with it and approved before the new flower-child be considered legally entitled to presentation to the world. Had such a system been adopted 25 years ago, especially with an arrangement for international name-exchange, we would not now have quite so many Queen Marys, Monarchs, Meteors, Dandys, Comets, Charms and Sunshines, nor

duplications of such uncommon appellations as Blushing Bride and Safrano.

Another frequent cause of duplication of names is the introduction of varieties with foreign names by different importers. One retains the original name, the other translates it into the English form or drops the foreign name entirely and substitutes for it another of his own choosing. So we have listed in American catalogs Ruhm von Baarn, a peony-flowered dahlia so named by its Dutch originator, Gloire de Baarn, the same flower after it had passed through France or Belgium on its way to us, and Glory of Baarn, the Anglicized name for the variety. Here the last part of the name gives a clue to the essential identity of the variety under the three names, but should we apply the same rule to Souvenir de Franz Liszt and Andenken von Franz Liszt, which express an identical idea in French and German, we would be in error, for the varieties under these two names are apparently wholly distinct.

Four names in three languages, all found in American or English lists, are Sneeuw witje, Schneewittschen, Snow White and Snow Queen—Dutch, German and English name, translation or mistranslation of the name for one beautiful white dahlia. To make the confusion complete some other introducer should apply the true translation, Snow Butterfly, for one of these forms.

Occasionally, also, a grower loses the name of a variety of which he has only a small stock, renames it temporarily, hoping soon to re-establish its identity, but before he can or does find the true name, distributes some stock under the false one and so gives this name a standing in the dahlia world to which it has no right.

It is even suggested that some dahlia growers, more pushing than scrupulous, have thought that, since "A rose by any other name would smell as sweet," it could do the flower no harm and might aid in working off the stock of some languishing variety if the old name were dropped and one a little more attractive selected.

Sometimes names are duplicated purely by accident, as Kielia, written hastily looks very much like Kulia and so has appeared in this way in print or in written lists. So, also, Meraviglia has masqueraded as Merongalla, Bessie Palisser as Bessie Palsifer and Indianerin as Inderianna; while Prince

of Denmark, abbreviated as Pr. of Denmark, has finally passed into pretty good dahlia society as Prof. Denmark.

These are a few of the ways in which the list of dahlia names has become unnecessarily burdened and their application made uncertain. As the first step toward reform the nomenclature committee would be glad to know of all instances of these or similar errors; so that they may be included in a complete list of current dahlia names now in preparation. With this list as a basis and with some opportunity for the members of the committee to study most of these varieties collected in a few places for comparison, it is believed that the number of names could be profitably cut from the 5,000 or more now listed to one-third or one-fourth of this number. Certainly that number of varieties would give ample opportunity to gratify every taste. Only united, hearty support by the individual members of the society will make any such reduction possible.—American Dahlia Society Bulletin.

Boston.

HEAVY SUPPLY AND NO DEMAND.

Business is now at about its lowest ebb. There are large quantities of stock coming in, with practically no demand, consequently prices are very low. Sales are made now with more of an idea of getting something for the goods rather than any thought of value. Roses are plentiful, and only the very best flowers bring satisfactory prices, the average blooms being sold for practically anything that is offered. Carnations are also abundant and \$1 per 100 is the very highest figure, the majority being sold at from 33 1-3 cents to 75 cents per 100. Quite a large supply of herbaceous stock is coming in, of which delphiniums are the best sellers. Good spikes bring \$1 per 100. Jack roses have not been selling as well as usual, \$2 and \$3 per 100 being about the price, as the quality is not up to its usual standard on account of the excessive wet weather. Outdoor sweet peas are in good supply, and are one of the best selling lines in the market. Fifty cents per 100 is the average price of good quality flowers. There are practically no prospects of having a better market until the bulk of the crops are thrown out.

NOTES.

The Copley Plaza Flower Stand, which has been conducted by Thos. F. Galvin since the opening of the hotel,

has changed hands, Sidney Hoffman being the new proprietor.

J. M. Cohen, well-known salesman at the Boston Co-operative Market, is highly elated upon becoming the father of a 12-pound boy.

M. Penn, who for some time has been operating a store on Bromfield street, closed it, and later filed a petition in bankruptcy.

Jack Rogers, well known as one of Boston's best decorators and floral artists, is now employed by Sidney Hoffman.

E. J. Harmon, one of the pioneer florists of Maine, dropped dead of heart failure at his home in Portland, July 7.

Johnson Knight, manager of the Boston Co-operative Flower Market, is enjoying a well-earned vacation.

Maurice Hambro, well-known salesman for Wm. Sim, is enjoying his vacation at Squantum.

Wm. Penn, of "Penn the Florist," is enjoying a two weeks' visit to York Beach, Me. F. L. W.

Albany, N. Y.

CLUB MEETING.

Members of the florists' club journeyed to Fred Goldring's at Font Grove for the July meeting. One of the notable things in connection with the gathering was nine automobiles lined up along the road adjacent to the greenhouses. When the meetings were first held at this establishment, about nine years ago, the members journeyed by train; this year nearly all came either in automobiles or in auto busses, which run over state roads out of Albany. In the matter of a visit to the city board of education to request that the practice of

presenting flowers to the pupils on the stage at the school closing exercises be restored, Edward P. Tracey, chairman of the special committee, reported that the board was unable to change the regulation this year, but might do so if the matter were called to their attention early next year. The club voted to continue the committee. The subject of holding a clambake brought out much discussion. It was finally decided to hold the bake at the grove of Henkes Brothers, Newtonville, Saturday afternoon, August 19; tickets for men, \$2 each; for women, \$1.25 each. Reports on the sale of tickets are to be in the hands of the entertainment committee on or before August 12, so as to enable the committee to formulate its plans. At the meeting the members present pledged themselves to take 56 tickets, a good indication that the number will be considerably larger. Fred Henkes called the attention of the members to a development at Menand's by F. W. Stevens, a local builder, who has erected a number of bungalows in the suburb. Each house is sold with an outfit of porch and window boxes which are now filled with plants in full foliage and bloom. Mr. Henkes suggested that other builders and house owners should be encouraged to use the boxes, as they are effective means of decoration, and the sale of plants helps the florists. It was decided on account of the lateness of the hour that a paper on "Seeds," to have been read by Louis H. Schaefer, be laid over until the next meeting. The invitation of Fred Henkes to hold the August meeting at his place at Newtonville was accepted, as was also the invitation of Fred A. Danker to hold the Septem-

ber meeting of the club at his home on Central avenue. Following the meeting a social time with refreshments was enjoyed. R. D.

Washington, D. C.

BUSINESS STRIKES LOW GRADE

The bottom has dropped out of the market completely. Stock, such as it is, continues plentiful. Roses can be had at any old price. Carnations are poor in quality and are not wanted. Some very good asters and dahlias are arriving, and gladioli are plentiful at prices varying from \$3 to \$6 per 100. Sweet peas are very poor, as is also snapdragon. Lily of the valley is still up in price, the best selling at \$6 per 100.

NOTES.

Miss Wiede, one of the sales force at the Washington Floral Co., was operated on at the Providence hospital last week. She is getting along as nicely as can be expected, and hopes to be able to leave the hospital in a few weeks.

Everything is ready for the outing of the florists' club. The prizes this year are the best that the club has ever been able to present to the winners of the various events.

Miss Barry, bookkeeper for Z. D. Blackstone, has just returned from a week's vacation spent at the Blackstone farm.

A. Winkler, of Chevy Chase, is cutting fine asters and Gladiolus America.

J. L. Loose and wife are enjoying a sojourn at Berkeley Springs, Va.

George C. Shaffer has added another car to his delivery service.

G. C. D.



PARTIAL VIEW OF SWEET PEA SECTION, PENNSYLVANIA HORTICULTURAL SOCIETY'S EXHIBITION, JUNE 28-29, 1916.

Cincinnati.**SHIPPING BUSINESS HOLDS UP WELL.**

Last week the market was very quiet. There was plenty of stock, but it met with a weak demand. Shipping business, however, is holding up pretty well. Roses are plentiful and a limited amount of carnations may be had. Both gladioli and Easter lilies are plentiful. Excellent sweet peas are coming into the wholesale houses, and the first asters arrived last week.

W. Ray Murphy, of the William Murphy Co., spent the latter part of last week and the first part of this week on a fishing trip on the White-water river in Indiana.

C. E. Critchell has been showing some good outdoor sweet peas.

Wm. Taylor has been cutting some excellent America gladioli. H.

Houston Convention Notes.

Secretary John Young, who will arrive in Texas a little ahead of time to complete arrangements for the convention at Houston, will spend a day or two at Dallas, where he will be the guest of the Texas florists at a banquet, July 17. Weather permitting, with Vice-President Kerr and others, he will visit a number of the cities of the state by automobile in the interest of the S. A. F. Indications are that Secretary Young will be given a rousing reception upon his arrival. A number of the craft from other parts of the state will visit Dallas on the occasion of his visit.

The executive committee for the convention is composed of the following: Vice-President R. C. Kerr, Houston, chairman; Louis Oesch, Dallas; F. W. Hensel, College Station; T. J. Wolfe, Waco; J. E. McAdam, Fort Worth; H. O. Hannah, Sherman; Bird Forrest, Waxahachie; Chris Houser, San Antonio, and E. E. Stone, Dickinson.

The programme for the entertainment of the visitors has been practically completed, and when not attending to the business of the convention the delegates will be on the go very much of the time. A general outline of the local hospitalities includes a trip down the ship canal to the San Jacinto battle grounds where a barbecue will be served, followed by sports of various kinds. There will also be a trip to Galveston, where a dip in the surf may be taken, and dinner will be served at the Hotel Galvez. Band concerts will be a feature of the convention garden this year, and there will be a special moving picture that will be of interest to all members of the society. The usual automobile rides about the city and suburbs will not be overlooked. These and many other side attractions indicate that those in charge intend to show their guests what true southern hospitality is, and are intent on making the Houston meeting one of the most enjoyable in the society's history.

R. C. KERR,
Vice-President, S. A. F.

Montclair, N. J.

When we visited Montclair, July 10, it was in the throes of an election campaign. Having decided on a commission form of government, the next step was to elect the commissioners. It is acknowledged that Montclair is pretty well governed at the present time, and the commission experiment will be watched with interest. Although there was a long list of candidates, embracing professions and trades from lawyers to carpenters, we failed to find the name of a florist, and the florists of Montclair are successful business men and good fellows. We suspect they are all too busy to go into politics.

A. S. Wallace, 29 Fullerton avenue, has a large glass area and grows a variety of stock. He also has a good store, and in addition has quite a trade in seeds.

F. W. Massman, 416-418 Bloomfield avenue, has a very fine store, with a large conservatory in the rear, which is well stocked with plants. He is reputed to have been very successful since he located in Montclair. In years ago we often met him in the wholesale district of New York as a buyer, but having reared a clever family, we surmise that he can now take life easier and let the boys work.

Robert Freytag has a neat store at



The Late Wm. Tricker.

690 Bloomfield avenue, and another store and greenhouse at West Orange.

The growing and retail business formerly conducted by the late David Rose has been continued by his widow. A. F. F.

Montreal.**LIMITED SUPPLY AND GOOD SALES.**

Business held up remarkably well during the past week, and the trade report exceptionally good sales. Stock is somewhat scarce, but the supply of outdoor flowers is plentiful and perennials are used liberally. Peonies are about over—when they were in full swing nothing else had much of a call. Roses are scarce, as are carnations. White flowers for funeral work are also in short supply. The season is very backward. Sweet peas, which are generally in full crop at this time, have not commenced to flower. J. L.

Oklahoma City.

In spite of the fact that it is mid-July, the flower business is holding up well; there appears to be a good general demand in all lines of the trade, parties, weddings and funerals coming frequently enough to keep all hands busy. The local florists also feel fortunate that all the outside stock is doing so well this season, for they are cutting plenty of salable flowers from their gardens.

We find that W. H. Mann, who has a range south of the city, was the only sufferer from the recent hail storm, and his losses were not very heavy, about 300 lights of 12 by 14 glass.

Mrs. Eager, of Furrow & Co., left July 9 for a six weeks' vacation, to be spent principally on the Great Lakes. S. S. B.

OBITUARY.**Charles William Bret Tricker.**

Charles William Bret Tricker, the well-known grower of aquatics, died suddenly of heart failure in one of his greenhouses at Arlington, N. J., 10 minutes after he had arrived there on the morning of July 11. He left home apparently in the best of health. His son Charles was with him when he died.

The deceased was born in Ipswich, England, 64 years ago. He had acquired wide knowledge of the business and worked as a commercial grower before he came to this country in 1886. Thereafter he had charge of several private estates, being with Judge Benedict on Staten Island for seven years. He located in Arlington about 10 years ago. He was a member of the Masonic order, Society of American Florists, Horticultural Society of New York and its council, the New York Florists' Club and the National Association of Gardeners.

He is survived by a widow and six children: Mrs. William Seymour, of West End; Mrs. J. M. Coddington of Riverton; Rupert, of Pensauken; William E. of St. Paul, Minn., and Charles and Miss Florence of Arlington. Masonic services were held at the home, 518 Chestnut street, Arlington, July 13. Interment was in Arlington cemetery, July 14.

Edward M. Bogie.

Edward M. Bogie, a grower and retailer of Jersey City, N. J., died at his home, July 5, aged 43 years. He had for several years been a sufferer from tuberculosis, but with wonderful courage he kept about until the day of his death. As an instance, at 8 p. m. on that day he wrote a check and mailed it to J. K. Allen of New York, and at 11 p. m. he died.

His father, the late Alexander Bogie, who died seven years ago, founded the business in 1880, and since his death Edward had conducted it. The deceased was a man, even when afflicted with what he knew to be an incurable disease, of a cheerful and kindly disposition, and had many friends. He is survived by two brothers and one sister. His funeral was held at the family home, July 8, the pastor of the Presbyterian church, which he attended, officiating.

SPRINGFIELD, O.—N. J. Shingledecker is building one house here.

MONTGOMERY, ALA.—Extensive improvements, which will include the addition of a conservatory are to be made at the store of the Rosemont Gardens.

OTTAWA, ONT.—The June peony exhibition of the Ottawa Horticultural Society was excellent in every way and the hall was thronged with interested visitors. At the close the flowers were sent to the hospitals.

LENOX, MASS.—At the annual meeting of the Garden Club of America held here, June 30, Mrs. J. Willis Martin, of Chestnut Hill, Pa., was elected president and Mrs. Francis King, Alma, Mich., secretary.

CHESTNUT HILL, PA.—The engagement is announced of Joseph F. Myers, of the firm of Myers & Samtmann of this place, and Miss Helen Campbell, daughter of Geo. E. Campbell, well-known rose grower of Flourtown, Pa.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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LEAD has been reduced to \$6.50 per 100 pounds.

THE late William Tricker, whose death is recorded in our obituary column this week, was a most enthusiastic student and grower of aquatics, and contained in the back volumes of THE AMERICAN FLORIST are many excellent articles on these plants from his pen. Victoria Tricker, by some growers considered a distinct species, was named in compliment to him.

Cleveland's Autumn Flower Show.

The premium lists for the flower show which will be staged by the Cleveland Florists' Club, in conjunction with the industrial exposition and fair to be held September 2-9 are ready for disposition and may be had upon application to M. A. Vinson, manager, 1393 West 25th street, Cleveland, O. Excellent displays will come from private estates in and about the city, but there will be numerous classes for amateur gardeners and commercial growers as well.

Canadian Horticultural Association.

Arrangements have been practically completed for the annual convention of the Canadian Horticultural Society which will be held at Berlin, Ont., August 8-10, and the programme will be in the hands of the printers in a few days. The following subjects are included in the list of papers and discussions: "Commercial Ferns," by E. I. Hayward, Montreal; "Success With a Home Garden," by Geo. Baldwin, Toronto; "Culture of Peonies and Dahlias," by Harry Tattle, Toronto; "Bedding Plants," by F. Wise, Peterboro; "The Gladiolus," by J. A. Campbell, Simcoe; "Problems of the Retailer," by Harry Dilleuth, Toronto; "Outdoor Roses," by J. Luck, Montreal. There will also be interesting reports on tariff, plant registration, etc. The details of the social programme have not been announced, but it is promised that this will be full of interest.

The monthly exhibition of the association was held in connection with the regular meeting of the Montreal Gardeners' and Florists' Club, and proved to be quite a show, the competition being very keen, and the judges, Geo. Robinson and Geo. Pascoe, had a difficult task to rightly do justice to the many splendid entries. Special mention is due the plants and cut flowers staged by Hall & Robinson, especially their stocks and pot grown roses, which scored 19 points out of a possible 20. T. Trevis, W. R. Whitney and J. Luck were also large exhibitors.

An invitation was received from Professor Bunting of Macdonald College to visit that institution, and this was accepted, July 12 being decided upon as the date.

The annual outing of the association will be held at Otterburn park, July 26.

J. LUCK, Sec'y.

Chicago to Houston.

The going trip on the occasion of the annual convention of the Society of American Florists, to be held at Houston, Tex., August 15-17, will be one of the pleasant features, as it will convert an ordinarily tedious journey into a most enjoyable one. The route takes us through highly scenic and picturesque country. Occupying our own special cars we leave Chicago via the Wabash Midnight Banner Express at 11:55 p. m., Sunday, August 13, and arrive in St. Louis at 7:40 Monday morning. The party will have breakfast here, enjoying the well-known Harvey service. Members from other points will join us in St. Louis, and our special cars will be attached to the Iron Mountain Texas Limited, leaving at nine o'clock. A short distance from St. Louis we pass the United States recruiting station, Jefferson Barracks, which will be of especial interest at this time. For a distance of 22 miles we skirt the shores of the Mississippi. Continuing our journey we soon arrive at the heart of the Ozark Mountains, Little Rock and Benton, Ark. In close proximity is the famous pleasure resort, Hot Springs. At 11:30 that evening we enter the great state of Texas at Texarkana, which takes its name from Texas and Arkansas. At this point one may be sitting in Arkansas, and

by crossing the aisle of the car can be in Texas. The night and following forenoon are spent in a direct southerly path through Texas via Palestine and Trinity to Houston, where we arrive at two o'clock that afternoon in time for the opening of the convention. One can readily perceive the social advantages and the added pleasure afforded in making this trip together through this most interesting section of our country, and many have already expressed their intention of being with the party. You are cordially invited to join us.

The fare from Chicago to Houston is \$30.21. The charges for Pullman sleepers from Chicago are as follows: double lower berth, \$6.75; upper berth, \$5.40, drawing room, \$24.

CIRCLE TOURS.

One can purchase a circle tour ticket which permits going to Galveston (with a stop at Houston), boat from there to New York, a seven-day cruise on the Mallory Line, including one-day's stop over at Key West, and return to Chicago, via Niagara Falls and Detroit; or via Philadelphia and Washington. One can also take the Atlantic Line from New Orleans direct to New York, a five-day trip, and from New York as above mentioned. Cost of either of these tours is but \$80. Meals and berth on boat are included.

For further details, Pullman reservations, and other particulars, address H. L. Purdy, care of Wabash Railway Co., 808 Edison building, Chicago. Telephone, Harrison 4500.

MICHAEL BARKER,

Chairman Transportation Committee,
Chicago Florists' Club.

Vesey's Buy Orchid Collection.

W. J. & M. S. Vesey, well-known growers of Fort Wayne, Ind., will start work shortly on four new houses, which will be used to provide quarters for a collection of orchids recently purchased by them from George Field, Washington, D. C., at a cost of \$15,000. The collection comprises practically all of the commercial varieties, many of which have never been grown in the west, and will be used solely for cut flower purposes. This firm is said to be among the largest growers of orchids in the middle west, and the purchase, which will require three cars for transportation from the east, will prove a valuable addition to the already extensive orchid section at its establishment.

Indiana Dunes for Public Park.

The Horticultural Society of Chicago, The Wild Flower Preservation Society of America, The Prairie Club, The Audubon Society of America and a number of other kindred organizations, co-operating with many prominent citizens of Indiana, Michigan and Illinois invite all persons interested in preserving the dunes as a public park to be present at a joint meeting to be held adjacent to the Beach House, Tremont, Ind., Sunday, July 16, at 2 p. m., when an organization will be perfected. Trains will leave Illinois Central Randolph street station, Chicago, at 7:15 a. m. and 9:15 a. m.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

**One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Head gardener with twenty seven years' of experience. Married, no children
JOHN FABIAN, 4126 Carroll Ave., Chicago.

Situation Wanted—Designer, storeman and all-around florist. Good habits, excellent references. Life experience. Willing to hustle; expect good salary.
Key 650 care American Florist.

Situation Wanted—By young man; all-around florist, understands landscape work, store, designing, selling, active and dependable.
G. P. JOSEPHSON,
Canton, N. Y.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
Key 643, care American Florist.

Help Wanted—Well posted grower of Perennial plants.
VAUGHAN'S SEED STORE, CHICAGO.

Help Wanted—At once a practical grower of roses, carnations and pot plants for a retail place. I want a man that is capable of earning his salary.
HUGH SEALES, Birmingham, Ala.

Help Wanted—An experienced greenhouse assistant capable of taking charge of general stock under glass. Position now open. Wages \$75.00 a month for right man, unmarried. Address
ALDEN TERRACE, Wayzata, Minn.

Help Wanted—In a western city of 400,000 inhabitants, a competent greenhouse manager. Must be a man of good habits and fully capable in all branches of the business. References required as to ability, honesty, etc. Address, giving desired information and salary expected.
Key 648, care American Florist.

Help Wanted—An experienced nursery salesman, one thoroughly acquainted with the nursery business, accustomed to soliciting from private people; a good closer, able to close a sale when others cannot do so. Must be actively engaged in the business at the present time.
THE ELIZABETH NURSERY CO.,
Elizabeth, N. J.

Help Wanted—A competent assistant foreman, who thoroughly understands the nursery business and has had experience in this line, accustomed to waiting on private people, accurate in getting up orders, a good, thorough, active man who will take an interest in his work.
THE ELIZABETH NURSERY CO.,
Elizabeth, N. J.

For Sale—40 Boxes, 12 x 12, second-hand, Double Strength A Glass. Cash with order. \$1.50 per box for the lot, or \$1.75 in smaller quantity.
O. L. BAIRD, Dixon, Ill.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address
Key A, care American Florist.

HELP WANTED

Outside Foreman, private estate; house furnished a man with executive ability and able to handle men. Address
Key 649, care American Florist.

CHICAGO WHOLESALE MAN WANTED.

One who has a following among the growers and controls some city or shipping trade. None but an A1 man need apply, and full particulars must be stated in first letter. State whether single or married where you have been employed and what your daily sales amounted to. This is opportunity knocking at your door—it will only knock once—So if you are interested answer at your earliest convenience.
Key D, care American Florist.

A1 STOREMAN SALESMAN AND DESIGNER

Is open for engagement. Has worked in many of the leading eastern and western retail establishments and can come well recommended. Capable of taking charge and building up an already established business. If you are interested in a man of this caliber, address stating full particulars in first letter.

Key B, care American Florist.

Chicago Wholesale Florist

Wants to get in touch with a good man capable of calling on growers and handling city trade—one with previous experience and who has the confidence that he can qualify preferred. Full particulars must be included in first letter and all replies will be considered strictly confidential.

Key 647, care American Florist.

FOR SALE

Two boilers, size 72 x 18,
150 H. P., in good condition.

The Erie Brewing Company
ERIE, PA.

FOR SALE.

Five second-hand tubular boilers, from 80 to 125 horse power; three of them nearly as good as new.

Illinois State Normal University,
Normal, Ill.

NOTICE

— OF —

STOCKHOLDERS MEETING

CHICAGO, July 15, 1916.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Rice Hotel, Houston, Tex., Wednesday, August 16, 1916, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

HERE IS AN OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.
Key C, care American Florist.

FOR SALE

Corner plot 300 ft. x 362 ft. on one of the best macadam automobile roads on Long Island, hundreds of automobiles pass daily. Elegant location for Florist or Grower, sell all your products at door to automobile trade at good prices. Plot contains small frame two (2) story four (4) room house and outbuildings. Price \$4,800.00 subject to a mortgage of \$1,875.00. Also another corner plot nearby, 363 ft. x 451 ft., no buildings. Price \$4,500.00, subject to a mortgage of \$1,478.00. Address

EDWARD MOSS,

Barnum Ave., Cor. Wilson Road,
East Meadow, Hempstead, Long Island, N. Y.
R. F. D. No. 1; Box 64.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

Bassett & Washburn

GREENHOUSES:
HINSDALE AND GREGGS STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL.

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Kansas City, Mo.

FUNERAL WORK BRINGS BRISK BUSINESS.

Business showed a decided improvement during the past week, due to a heavy demand for funeral work. Roses are arriving better, both in quality and quantity, especially Mrs. Chas. Russell, Ophelia, Sunburst and My Maryland, all of which are selling at fancy prices. There is an abundance of carnations, but most of them are of inferior quality. Sweet peas are to be seen everywhere, and although some are of poor quality there are also some very fine ones. Gladioli are making their way to the front more and more every day and are of A-1 quality, the best ever seen here at this time of the year. Dahlias are also coming in and the quality is excellent. Outside garden stock is arriving by the wagon load. Shasta daisies are the leaders and are, as usual, good sellers.

NOTES.

W. J. Barnes had a brisk call during the week for funeral work and hospital flowers. He is now planting carnations, and his chrysanthemums in the benches are doing fine, while the pot stock is the best he ever had.

Funeral work has been very good at Arthur Newell's establishment. Summer trade has also been very satisfactory. Mr. Lacey, who is now in charge, says that business keeps up, even if the "boss" is not on the job.

The Wm. L. Rock Flower Co. are cutting heavily in garden flowers. The demand for funeral work is very good. Mr. Rock is at The Club, Lakeview, Kan. Miss Richards and Walter Oberg are also on their vacations.

The chrysanthemum stock at The Rosery is showing fine form. Mr. Ellsworth continues to spend much of his leisure time at Forest Lake and reports the fishing good.

T. J. Noll & Co. are handling very fine Ophelia, Sunburst and Russell roses, as well as the Killarneys. They receive 1,500 Colorado grown carnations daily.

A. L. Randall Co., Chicago, recently displayed one of the best exhibits of

ROSE PLANTS

White Killarney—Grafted.....\$7.50 per 100; \$50.00 per 1000
Killarney Brilliant—Own Root..... 4.00 per 100; 35.00 per 1000

FIELD-GROWN CARNATION PLANTS

Pink Echantress\$5.00 per 100; \$45.00 per 1000
Rosette..... 5.00 per 100; 45.00 per 1000

GERANIUMS

Poltevine—Ricard—Nutt—Strong healthy 4-inch stock, in bloom.....\$7.00 per 100

J. A. BUDLONG, 184 N. Wabash Ave., CHICAGO

florists' supplies seen in this city for some time. It made quite a hit among the trade.

H. Kusik & Co. are handling roses, carnations, lilies, gladioli and daisies, and report good sales. Good dahlias are also being received.

A. F. Barbe reports a good summer trade. His carnation and chrysanthemum stocks look fine.

Mrs. T. A. Mosely of Kansas City, Kan., is enjoying the cool breezes at Forest Lake.

S. Bryson Ayres is cutting gladioli in quantity.

Visitors: Sam Seligman, New York; Arthur Zirkman, Philadelphia, Pa.; Frank Anderson and Frank McCabe, representing A. L. Randall Co., Chicago.

E. J. B.

Worcester County Horticultural Society.

The annual rose show of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, July 1, and was largely attended. Despite the lateness of the season, it was generally conceded that this year's rose show was one of the best ever held by the society. The various exhibits were arranged in such a manner that the hall resembled a landscape garden. The stage garden, in which an orchestra was hidden, was the work of Edward W. Breed, ex-president of the society. The awards were:

Roses, 12 blooms—Edward L. Hall, 1st; M. J. Whittall, 2d; E. L. Hall, 3d.

Roses, 6 blooms—M. J. Whittall, 1st; Mrs. W. C. Ward, 2d; Mrs. P. G. Forbes, 3d; Mrs. S. T. Pierce, 4th.

Roses, 20 vases—M. J. Whittall, 1st; Mrs. S. T. Pierce, 2d; Irithorpe Farm, 3d; E. S. Hall, 4th; Elizabeth R. Bishop, 5th.

Roses, one color in vase — M. J. Whittall, 1st; Mrs. P. G. Forbes, 2d; Irithorpe Farm, 3d.

Roses, mixed—M. J. Whittall, 1st; H. H. Bloss, 2d; Lucy M. Coulson, 3d.

Campanula media—Mrs. H. J. Eager, 1st; Mrs. H. L. White, 2d; Mrs. Oliver J. Putnam, 3d; E. R. Bishop, 4th.

Peonies—Mrs. W. C. Ward, 1st; Mrs. Edward Warren, 2d; Mrs. A. E. Underwood, 3d.

Hydrangeas—Edward W. Breed.
Dianthus barbatus—L. M. Coulson, 1st; Mrs. H. L. White, 2d; Mrs. F. J. Record, 3d; Mrs. W. C. Ward, 4th.

Foxgloves—Mrs. G. H. Haynes, 1st; Mrs. W. C. Ward, 2d; Mrs. H. L. White, 3d; Mrs. H. J. Eager, 4th.

Basket of flowers—Mrs. P. G. Forbes.

Display of perennials—E. W. Breed.
Display of peonies—F. C. Thulows.
Display of ramblers—E. W. Breed.
Display of roses—Mrs. S. T. Pierce.
Display of ramblers—E. R. Bishop.
Display of snapdragons—L. M. Coulson.

R.

PALMS.

Joseph Heacock Co.,
Wyncote, Pa.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

Providence, R. I.

FLORAL WORK WEEK'S FEATURE.

Stock is very plentiful. Roses shorten up at times, but again come on in heavy supply, and sweet peas are arriving in large numbers and the flowers are of very good quality. The supply of gladioli is far in excess of the demand. Carnations are poor and most growers are throwing out their plants. There has been plenty of floral work during the past week, and everybody has been busy. Boston continues to ship quantities of short roses to this market, but they clean up well. The first of the outdoor asters arrived this week.

NOTES.

Macnair has his annual water scene in his windows, and it is attracting an unusual amount of attention. The scene this year is the finest shown in this city for some time. A ton of water per minute goes over the falls into the large tank at the bottom and the roar is tremendous. The display can be seen from the street cars and is electrically lighted at night.

Olney Williams is cutting large quantities of outdoor sweet peas, more than the local trade can dispose of, but he expects the out-of-town demand to take care of the balance.

H. A. T.



BURPEE'S EARLY

— OR —

WINTER-FLOWERING SPENCERS

The House of Burpee has long been recognized as "American Headquarters for Sweet Peas," and our introduction of these Fordhook Strains of Winter Flowering Spencers marks an era in commercial Sweet Pea growing.

The Novelties offered below, excepting Yarrowa, are the results of crosses made at our Fordhook Farms during the past seven seasons. All stocks are grown at our Floradale Farm, "The California Home of Sweet Peas."

FORDHOOK PINK AND WHITE:—A most popular Winter Flowering Spencer. A color that is always in demand, similar to the old Blanche Ferry, bright rosy pink standard, wings almost pure white. The immense flowers measure 2½ inches in diameter and are perfect in form. A very early, free and continuous bloomer, awarded a Certificate of Merit at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915, and the American Sweet Pea Society, San Francisco, June, 1916. ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.

FORDHOOK PINK:—This is a distinct shade of pink suffused with lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. ¼ oz., 40c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.50; ½ lb., \$6.25; lb., \$12.50.

FORDHOOK ROSE:—Introduced by us in 1915. Flowers of largest size usually borne in threes and fours. A charming shade of rosy carmine. Awarded a Certificate of Merit at the International Show, New York, March, 1915, and the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915. ¼ oz., 50c; ½ oz., 85c; oz., \$1.50; ¼ lb., \$4.00; ½ lb., \$7.50; lb., \$15.00.

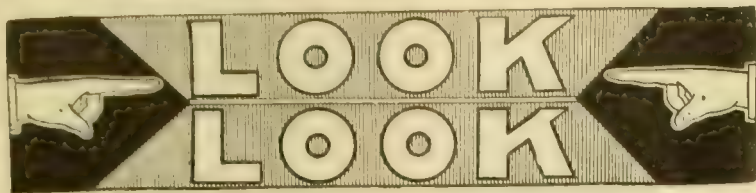
YARROWA:—This magnificent Australian variety has proved its unusual merit with commercial growers in all parts of the country. It has an exceptional reputation as a sure-money-maker. First exhibited by us at the great International Show in New York, March, 1914, and awarded a Certificate of Merit by the Pennsylvania Horticultural Society, March, 1915. Flowers exquisitely waved, averaging 2½ inches in diameter, many of them being duplex or double. A bright rose pink with a clear, creamy base. ¼ oz., 35c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$2.75; ½ lb., \$5.00; lb., \$10.00. Our Special Leaflet on Winter Flowering Sweet Peas free on application.

W. ATLEE BURPEE & CO.

SEED GROWERS

Burpee Buildings

PHILADELPHIA



Look over your Ledgers and ask yourself how you can make this year better than last

May we offer a few suggestions. Buy direct from large Growers, who can always handle your orders promptly and supply you with a good even grade of stock the year around.

BEGIN NOW.

Get your supply of Roses this summer from us.

We can supply **RUSSELL, BEAUTIES, OPHELIA, WARDS, SUNBURST, MILADY, KILLARNEYS, HOOSIER BEAUTY, RICHMONDS.** Also **VALLEY, CATTLEYAS, LILIES. EVERYTHING IN SEASON.**

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$3.00
30-36-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	Per 100
---	---------

Long	\$8.00 to \$10.00
Medium	4.00 to 6.00
Short	2.00 to 3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.	Per 100
Per 100	\$2.00

CARNATIONS.	Per 100
Fancy	\$3.00
Medium	2.00
Short	\$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS.	Per 100
Lilies	\$8.00
Peonies, fancy pink and white	4.00 to \$8.00
Sweet Peas .....	.75 to 1.50
Gladioli	8.00 to 10.00
CATTLEYAS	per doz., 6.00
VALLEY	\$4.00, \$5.00 per 100

GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	doz., 2.50
Sprenger and Asparagus Sprays	2.00 to 3.00
Leucothoe .....	.75
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000, 1.50
New flat ferns	per 1,000, 1.50



Every Florist who is looking for something new in decorating material should make it a point to see our line of **Translucent Foliage**. Do not confuse this article with Opaque Oak that has been on the market the past few years for it is altogether different and much better.

Look For Our Ideas in Prepared Foliage

(Stock of Which Will be Ready for Delivery August 1, 1916)

Oak Sprays, 36-inches and over, - - - - - \$1.50 per Doz.; \$10.00 per 100.

Maple Sprays, 30 to 36 inches, - - - - - \$2.00 per Doz.; \$15.00 per 100.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Hose

POEHLMAN
72-74 E. Randolph St.,

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

Kentias

BELMOREANA MADE-UP PLANTS.

Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves		Doz.	Each.
4 inch pots	5-6	16-18 inch high....	\$ 4.50
4 inch pots	5-6	16-18 inch high....	\$.40
6 inch pots	6-7	24 inch high....	1.00
6 inch pots	6-7	28-30 inch high....	1.50
6 inch pots	6-7	32-34 inch high....	2.00
8 inch tubs	6-7	36-38 inch high....	3.50

FOSTERIANA MADE-UP PLANTS

Plants		Each
8 inch tubs	4	38-42 inch high....\$ 3.50
8 inch tubs	4	48-50 inch high.... 5.00
8 inch tubs	4	52-54 inch high.... 6.00
10 inch tubs	4	5 feet high.... 8.00
12 inch tubs	4	60-64 inch high.... 10.00
12 inch tubs	4	5½ feet high.... 12.00
12 inch tubs	4	5½ feet high.... 15.00
15 inch tubs	4	6-6½ feet high....\$18@20

FOSTERIANA SINGLE PLANTS

Leaves		Doz.	Each.
4 inch pots	5-6	18-20 inch high....	\$ 4.50
4 inch pots	5-6	18-20 in. high, ea....	.40
6 inch pots	6	28-30 inch high....	\$ 1.00
6 inch pots	6-7	34-36 inch high....	1.50
10 inch tubs	6-7	5½ feet high....	8.00
10 inch tubs	6-7	5½-6 feet high....	10.00

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50
	Inch Spread Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots	Dracæna Godseffiana,	\$8.00 per
100.		Each
Dracæna Lindenii, 6-in.		\$1.25
6 inch pots	Dracæna Massangeana	
		\$1.25; 7 in., \$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.....	Each \$1.00
8 inch pots, 5 plants, 44 in. high.....	4.00

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong.....	\$0.50 each
5 inch pots.....	.75 each

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

Pink Killarney	Old Gold
White Killarney	Cecile Brunner
Brilliant	Richmond
Milady	Scott Key
Ophelia	Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

Pink Killarney	Old Gold
White Killarney	Richmond
Brilliant	Hoosier Beauty
Ward	Scott Key
Milady	Russell
Elgar	Elgar

Own Root, 3½-inch Stock.

\$96.70 per 1000.

Pink Killarney	Scott Key
White Killarney	Brilliant
Old Gold	Elgar
Richmond	

Own Root, 2½-inch Stock—\$56.70 per 1000.

Pink Killarney	White Killarney	Scott Key	Sunburst	Richmond
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American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Achyranthes Brilliantissima, 2½ in.	100	1000	\$ 2.50
Achyranthes Lindenii, 2½ in.			2.50
Begonia Luminosa and Vernon, for bedding, 2½ in.			2.50
3 in.			5.00
4 in.			8.00
Begonia Chatelaine, 2½ in.			3.50
3 in.			8.00
4 in.			15.00
5 in. ....each, 25c			
Begonia Lorraine, 2 in.			10.00
2½ in.			12.00
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot: 6-inch pots 75c and \$1 each.			
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.			
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.			
Cyclamen—3 inch, \$8.00 per 100.			
Seedlings, \$40.00 per 1,000.			

HYDRANGEAS

50c, 75c, and \$1.00 each. Larger specimens, \$3.00 to \$5.00 each.

Dusty Miller, for border, 2½ in.	100	1000	\$2.50	\$23.00
German or Parlor Ivy, 2½ in.			2.50	
Fuchsias—5c and 12c each.				
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.			2.50	22.00
Marigold, Double, 4 in. pots....			8.00	
Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each.				
Petunia, single fringed, all colors, 3 in.			5.00	
4 in.			8.00	
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in.			3.00	
Primula Obconica, 2½ in.			\$ 3.50	

Salvia Bonfire and Zurich, from cuttings, 2½ in.	100	1000	\$2.50
3 in.			5.00
4 in.			8.00
Smilax, strong new stock, 2½ in.			2.50
3 in.			6.00
50.00			
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.			
Whitmani, 6-in., 75c each.			
Table Ferns, 2½ in., \$3.00 per 100.			
Torenia Fournieri, Blue, 3-in. pots 5.00			
Vinca, 4 in.			\$10.00 to 15.00
Vincas, Green 8.00			
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots.....			2.50

BOXWOODS

15-in. in burlap 40	Each
18-in. in burlap 50	

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

BEAUTIES--Mostly Medium and Short Lengths Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$3.00
Extra long stems, seconds.....	1.00
Medium stems.....	\$1.50 to 2.00
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond

Shawyer--White and Pink Killarney

Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$10.00
Medium.....	\$6.00 to 8.00
Short.....	3.00 to 4.00

Cecile Brunner.....per bunch, 35c

Carnations

Red, White and Pink extra fancy..... \$2.00

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGER**.....2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

EARLY JULY SALES BETTER THAN 1915.

Trade so far this month has been fairly good, and in a majority of cases the sales show an increase over the same period of last year. Stock of all kinds is plentiful, and is to be had in large lots at most reasonable prices. American Beauty roses are much more plentiful and very choice stock, especially from the young plants, is obtainable. Flowers from the old American Beauty plants are also very good for July, and like the new stock, are cleaning up nicely at good summer prices. Roses in general are in large supply, and at times sell at good figures. Mrs. Chas. Russell roses are seen in large quantities at nearly all the stores, but the quality in a great many cases could be much better. Good roses of this variety sell quickly at reasonable prices, but the large supply of inferior stock has had a tendency to keep the average down. Ophelia and Sunburst are in good supply, and are moving well. Richmond, Rhea Reid, Milady, Hadley and Hoosier Beauty continue to be in

good demand, and there is also a like demand for My Maryland, Mrs. Aaron Ward, Mrs. Moorfield Storey, Francis Scott Key, Lady Alice Stanley and Mrs. George Shawyer. White Killarney and Double White Killarney seem to clean up pretty well each day, and there are some very good Killarney, Killarney Brilliant and Killarney Queen to be had. A few Mrs. William Randolph Hearst, Champ Weiland, Tipperary and Mrs. Bayard Thayer are included in the shipments, and are rapidly becoming a factor in this market. Mrs. Aaron Ward, Prince de Bulgarie, Kaiserin Augusta Victoria and the miniature roses, Cecile Brunner, George Elgar, Fireflame and Baby Doll, are the other offerings in roses. Carnations are holding up remarkably well in quality this year, and are arriving in large quantities. Peonies are not as plentiful as they have been, and another few weeks will mark the end of the cold storage supply. A few northern Michigan grown peonies are arriving, and are having a good call. Practically all the local growers are through cutting and have dropped this item from their price lists. Lily of

the valley is more plentiful than it has been for some time, but this is due more to the falling off in demand than to the increased cuts. Orchids are also in better supply and have dropped considerably in prices the past week. Gladioli are gradually becoming more plentiful and the first local grown outdoor stock, mostly Pink Beauty, reached the market last week. There is a good supply of indoor gladioli being offered in a large number of varieties, the best sellers being Mrs. Francis King, America, Chicago White and Myrtle. A large quantity of gladioli is arriving from outside points, principally Michigan and Mississippi, but so far the shipments from the south consist mostly of America, and the Michigan stock, Pink Beauty. Sweet peas are still seen in good supply, but are showing the effects of the weather. Asters, dahlias, larkspurs, snapdragons, stocks, daisies, coreopsis, gaillardias, candytufts, pansies, cornflowers, pond lilies, lilies, callas, feverfews, marigolds, delphiniums and a long list of other indoor and outdoor miscellaneous flowers are included in the offerings.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and White Killarney Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond	Extra select	Per 100	\$8.00
Killarney			
White Killarney			
My Maryland			
Sunburst			
Ophelia	Medium	5.00	
Milady	Short	4.00	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75
Per 100	
Roses, our selection	\$ 3.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisil	10.00 to 12.50
Peonies	4.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000	\$2.00

2,000,000 Feet of Modern Glass

NOTES.

The annual stockholders' meeting of the Chicago Flower Growers' Association was held at their store on North Michigan avenue, Thursday, July 6, at 3 p. m., when the officers for the ensuing year were elected, as follows: Edw. Muret, president and director; Fred Schramm, vice-president and director; Chas. W. McCauley, treasurer and director; George Weiland, secretary and director, and Joseph Schoos, Fred Stielow, Jr., Rudolph Ellsworth and Anton Then, directors. The stockholders were enthusiastic over the showing that was made last year, when the sales increased fully 28 per cent over the previous year ending July 1. The firm is now starting on its fifth year, and is under the able management of Paul Klingsporn, who took charge three years ago.

William Duntemann, of Bensenville, was seriously injured on the afternoon of July 3, when a fire truck and wagon collided as they struck a water tank when the volunteer fire department, of which he is a member, was answering a call. The ligaments and tendons in both of his legs were badly torn, and it is understood that he will be laid up for at least six months, according to the attending physician. Chas. Erne and E. C. Pruner visited him shortly after the accident, and report that they found him making the best of the situation, although he was suffering greatly from the severe pain.

Arthur Weiland, son of George Weiland, of Evanston, was badly burned about the face the evening of July 3, when one of his fireworks exploded while he was trying to find out why it failed to go off. Fortunately, his eyes escaped injury, which seems a miracle, when one considers that his face was so severely burned.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Mammoth Supply Summer Cut Flowers

Have your orders filled by a house that makes a special effort to please each and every one of its customers.

Chicago's Largest Dealers in Decorative Greens

Adolph Nielson, superintendent of the Gullett & Sons' greenhouses at Lincoln, and wife passed through here on their way to Little Sweden, sometimes called Minnesota, where they are spending their vacation.

Allie Zech and wife will motor to

Rock Island, Saturday, July 15, where they will spend their vacation with friends and relatives.

Dwight L. Harris says that the Pulverized Manure Co.'s new warehouse in this city will easily hold 2,000 tons of fertilizer.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems	.....	\$5.00
36-inch stems	.....	4.00
30 inch stems	.....	3.00
24-inch stems	.....	2.50
18-inch stems	.....	2.00
12-inch stems	.....	1.50
White—KILLARNEY—Pink.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Medium	.....	4.00
Short	.....	3.00

RICHMOND		Per 100
Extra Special	.....	7.00
Select	.....	6.00
Fancy	.....	5.00
Medium	.....	4.00
Short	.....	3.00
OPHELIA.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Good	.....	3.00
SUNBURST.		Per 100
Extra Special	.....	\$7.00
Select	.....	6.00
Fancy	.....	5.00
Good	.....	3.00

GEORGE ELGAR	.....	35c per bunch
ROSES, OUR SELECTION		\$3.00
CARNATIONS.		Per 100
Fancy	.....	\$2.00
Good	.....	\$1.00 to \$1.50
LILIES.		Per 100
Fancy	.....	\$10.00 to \$12.50
Miscellaneous.		
Peonies	.....	\$5.00 to \$8.00
Ferns, per 1,000	.....	2.00 to 2.50
Smilax, per doz.	.....	2.00
Adiantum	.....	1.00
Sprenger, per bunch	.....	.50
Asparagus Sprays, bunch	.....	.50
Other Green Goods Market Rates.		

A meeting of the wholesalers was held last week, when the affairs pertaining to the special service, inaugurated by the trade during the recent expressmen's strike were wound up, and a final statement issued. The total expense of conducting the service from May 17, 1916, to June 21, 1916, inclusive, was \$1,932.38, which expense was divided between those who used it, at a cost of approximately 13 cents per package. Exactly 13,797 outgoing packages were handled, and 2,154 incoming ones. A part of the expense was incurred when the platform men walked out in sympathy with the expressmen, which made it necessary to deliver the shipments by autos to outside points, such as Harvey, Riverside, Hammond, etc. Fred Lautenschlager was manager, A. C. Kohlbrand, secretary, and E. C. Amling, treasurer, of the cartage service, and much credit is due them for the large amount of missionary work that they were called upon to perform, and which they were only too glad to render, notwithstanding that it interfered greatly with their regular work. The trade felt so indebted to Mr. Lautenschlager, of Kroeschell Bros. Co., in particular, for the splendid manner in which he handled the situation, that they presented him with a slight token of appreciation for the special interest that he took in their welfare, and it is needless to add that everyone fully realizes what he accomplished, and all join in extending him and his able assistants, A. C. Kohlbrand and E. C. Amling, a hearty vote of thanks. A committee, consisting of A. L. Randall, E. C. Amling and C. L. Washburn was appointed to interview the Interstate Commerce Commission in regard to whether or not the express companies ought to pay for a part of the cartage from the stores to depots, inasmuch as they always furnished this service previous to and after the strike. A committee, consisting of A. G. Burke, C. L. Washburn and N. J. Wietor, audited the expense books and found them to be O. K.

Roy J. Dills, with N. Bombersbach, Decatur, Isles Cole, of Heimbreyer & Cole, Springfield, Phil. Daut, with Daut Bros., Decatur, and F. H. Meier, Vandalia, were the guests of Ed. Jacob of the A. L. Randall Co. this week at Hotel Jacob, and from all reports everyone had a most delightful time. T. E. Waters escorted the crowd through Poehlmann Bros. Co.'s green-

Wholesale Cut Flowers==Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

MORE CUT FLOWERS WANTED

Either indoor or outdoor stock. Start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

houses at Morton Grove, Tuesday, July 11.

John Walsh, of the Chicago Flower Growers' Association, will spend his vacation at Boston, Mass., this year, and will leave Monday, July 17. Miss Florence Scriven, who keeps the Flower Growers' books, is spending a few weeks at Phoenix, Ariz. Michael Fink, who is enjoying a well-earned rest, will be back on the job next week.

N. J. Wietor says that Wietor Bros. are busy planting their chrysanthemums, and that as soon as they are finished with benching them the only stock left to house will be the carnations. They have had an unusually brisk demand for chrysanthemum stock this season, and nearly every mail is bringing in new orders.

Frank Schleiden, with Chas. W. McKellar, will leave July 22 for Saugatuck, Mich., where he will spend his vacation. It looks mighty suspicious, for he leaves about the same time for the same place that one of the young ladies does who is employed in the wholesale market.

Herbert Craig, of J. C. Craig, will be the first of the store force to enjoy his vacation, and it is rumored that he is going to do the same thing that all the rest of the promising young men in the trade have been doing the past few months. Ask him what.

Miss Marguerite McNulty, book-keeper for Peter Reinberg, is an active worker in church circles, and had charge of an ice cream booth one day last week, when she sold over \$50 worth of ice cream cones.

Kyle & Foerster are still supplying their trade with peonies, and will have

enough to offer for several weeks to come. This firm is still strong on American Beauty roses in the longer-stemmed grades.

Weiland & Risch's shipments of gladioli have been attracting a number of visitors to their store, who are particularly interested in the varieties that they are growing and trying out this season.

Lou Bunte, of the Ernst Wienhoeber Floral Co., is enjoying a well-earned vacation. Frank Pasternik is next on the list to enjoy his, and will spend it with his family at Paw Paw Lake, Mich.

John Bruchner, George Bombenger and Joe Weis caught 114 perch off the government pier July 7 between the hours of 10 a. m. and 4 p. m., which they consider a pretty good catch.

P. J. Delinke, the Chicago avenue florist, is busy packing up his trunks, and will leave shortly for Cicero, where he will spend his summer vacation.

The E. F. Winterson Co. is offering a good supply of Boston ferns, which are reported to be very scarce in this vicinity.

C. Claussen says that his outdoor gladioli crop is a week later than last year, but that the quality as a whole is much better.

Hoerber Bros. are pleasing their customers with a fine grade of My Maryland roses, which they are cutting in quantity now.

Miss Latham, the accomplished opera singer at Ravinia Park, is a daughter of Ralph Latham, of Minneapolis, Minn.

KEEP MIND

that we handle a large and complete line of Summer Cut Flowers and Greens and that we can fill your orders at all times to your satisfaction.

PEONIES

CURRENT PRICE LIST

PEONIES

Subject to Change Without Notice.

Beauties.

	Per doz.
Long stems	\$3.00
30 to 36-inch stems	2.50
20 to 24-inch stems	\$1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	\$10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection	3.00

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy white	\$3.00
Red and pink	\$1.50 to 2.00

Miscellaneous.

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select	10.00 to 12.50
Orchids, Cattleyas, per doz	7.50
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Mignonette	4.00
Gladioli	4.00 to 6.00

Greens.

Asp. Plumosus, per string	\$0.50
Asp. Plumosus Sprays, bunch	\$0.35 to .50
Sprengerii, per bunch .....	.35 to .50
Adiantum, per 100	1.00
Smilax, choice, per doz	1.50 to 2.00
Fancy Ferns, per 1,000	2.00 to 2.50
Galax Leaves, per 1,000	1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

FINEST RUSSELL ROSES IN THE CHICAGO MARKET

REPEAT ORDERS FROM NEW CUSTOMERS ARE THE BEST TESTIMONIALS THAT OUR RUSSELL ARE ALL THAT WE CLAIM THEM TO BE. TRY US ON YOUR NEXT ORDER.

At Poehlmann Bros. Co.'s store the receipts of American Beauty roses are much heavier and some very choice stock in this variety is obtainable here. Mrs. Chas. Russell roses are also arriving in splendid condition and in large supply, and clean up nicely every day at good prices. The shipping trade continues to be brisk and the sales so far during June have been most encouraging.

Roswell Schupp, with J. A. Budlong, joined the ranks of the benedicts one day last week, when he and Miss Lydia Schaefer stole away and were quietly married without the knowl-

edge of their relatives and friends. Not to be outdone, Fred Price, of the same establishment, and Miss Ella Scholz, followed suit Wednesday, July 12.

A. L. Vaughan & Co. are still handling a large quantity of peonies and will have enough to supply their customers all the rest of the month. This firm reports trade as good, especially in this line, with the sales comparing most favorably so far in July with those of the same period in 1915.

H. B. Kennicott and August Jurgens are inspecting their peony fields at Calumet, Mich., and Kennicott Bros. Co. is now receiving regular shipments

from there. Peter Hoefelder joined the staff at Kennicott's Monday, July 10.

Joseph Ziska, Jr., and brothers, John and Raymond, and father, Joseph Ziska, Sr., will make an automobile trip to Cedar Rapids, Ia., in his Auburn next Saturday, July 15, returning the following Monday.

Peter Hile, D. E. Freres' popular young salesman, and Miss Schuck, will be married at Crown Point, Ind., next Monday, July 17.

Tom McAllister, with A. Lange, is planning on attending the Houston convention.

Z E C H & M A N N

Chicago Headquarters for OPHELIA AND RUSSELL

Our supply of Ophelia and Russell roses is so large and of such fine quality that we can fill your order to your entire satisfaction. In addition to Ophelia and Russell we have our usual large supply of Ward, Sunburst, Richmond, Killarney and White Killarney.

FINE SUPPLY OF LILIES.

Most beautiful stock ever offered. Just what you need for your wedding decorations. Mammoth supply—plenty for everyone—so order here.

Carnations, Valley, Greens, Etc.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St.,

L. D. Phones
Central } 3283
Automatic } 3284
Automatic, 42-965

Chicago

Mrs. Horton, of Bassett & Washburn, has returned from a most pleasant visit at Los Angeles and San Diego, Calif. She found O. P. Bassett and wife and E. B. Washburn and family in the best of health, which their many friends here are pleased to learn. Miss Ruth Wattman, of the office force, is spending her vacation at Mackinac Island, and Allan Gerling, of the cut-flower department, is enjoying his at Humboldt Park.

Otto Steckmert and Al Lehman, of the E. C. Amling Co., are away on their vacation, but will report for duty July 17, when A. C. Kohlbrand and a party of friends will leave for Woodruff, Wis., on a two weeks' fishing trip. Mr. Kohlbrand is taking a new kind of bait with him this year that surely ought to help him make a nice catch if it is at all like the sample that he had at the store this week.

John Stuppy, with the Stuppy Floral Co., St. Joseph, Mo., and E. C. Pruner visited French & Salm's greenhouses at Union Grove, Wis., June 6. Mr. Stuppy and wife, who have been visiting relatives here for several days, returned home Sunday, June 9.

Felix Reichling and Peter Baumann of the Peter Reinberg store force, have returned from a delightful visit at Dubuque, Ia. They called on several of the florists while they were there and were very much impressed with the retail establishments in that city.

Miss Nettie Parker, of A. T. Pyfer & Co., and sister Mary and Miss O. A. Tonner, of O. A. & L. A. Tonner will spend their vacation at Cabot's Lodge at Sturgeon Bay, Wis., this year leaving August 1.

H. Van Gelder reports that trade at Percy Jones' establishment has been unusually good this summer and is so well satisfied with the increased sales that he has no complaint whatsoever to make.

Zech & Mann received a consignment of pickerel, June 7, from Matt Mann and son Nicholas, who are spending their vacation in the region adjoining Lake Winnebago, Wis.

Frank Oechslein is adding four Foley houses 19x150 feet to his Harlem avenue range which he bought a short time ago. The new houses will be heated by a Kroeschell boiler.

C. H. Green and family, of Fremont, Neb., who are making a trip to Michigan in their new Reo Six, are the guests of E. C. Pruner, who is showing them about the city.

Vaughan's Seed Store is mailing its annual catalogue of flower seeds for summer sowing, also seasonable plant stock, bays, boxwood, ferns, pandanus, crotons, etc., and bulbs for early fall delivery.

C. H. Ketcham, of South Haven, Mich., is shipping a good supply of Pink Beauty gladioli to the Chicago Flower Growers' Association, of which firm he is a stockholder.

Chas. Erne, of Erne & Klingel, is suffering from a case of sore eyes and is thinking of having another operation performed on his nose if it will relieve him any.

John Aggen recovered a horse that was stolen from him last week, through the police, who captured the thief shortly after he notified them of his loss.

N. J. Wietor, John Sinner and Herbert Griffin caught a nice string of fish at Wooster Lake, July 6, and report having had a most delightful time.

J. P. Brooks, of Morton Grove, is offering a good supply of fancy colored stocks at his stand in the local market, which are meeting with very good sale.

John A. Huebner, 11 West Randolph street, is one of the few retail florists in this city that keeps his place of business closed every Sunday.

Manager Asmus, of Schiller's, and family left for the White mountains and Atlantic City July 8, and will return about August 1.

Adam Zender, J. Muno and D. E. Freres and wives visited a few days with Henry Phillips and family at Wauconda last week.

V. Bezdek, of Wilmette, is busy planting his carnations and chrysanthemums and has about one-third of the stock benched.

Reinhold Schiller is suffering from blood poisoning in the right thumb and left arm as a result of a scratch from a rose thorn.

Carl Bachler, 3599 Archer avenue, is tearing down his greenhouses and will erect a new store and flat building, 23x40 feet.

Ed. Vilter, of Zech & Mann, has the sympathy of the trade in the loss of his mother, whose death occurred Saturday, July 8.

Miss Zandra Anderson, stenographer for the John Kruchten Co., leaves next

week to spend her vacation at Saugatuck, Mich.

L. Hoeckner, of the Peter Reinberg store force, has sold his farm at Crystal Lake, and will move his family back here.

Arthur Newell and wife of Kansas City, Mo., passed through the city July 7, enroute to Buffalo, taking the lake trip.

R. C. Lange, 3339 North Whipple street, and family will spend their vacation at the Wisconsin Dells this year.

M. C. Gunterberg is handling a good supply of outdoor flowers, in addition to the regular line of greenhouse stock.

O. A. & L. A. Tonner wound up their peony season last week, which was the most successful one they ever had.

J. F. Farrell and family will spend a month at Wauwausee Lake, Ind., this year, leaving about August 1.

W. C. Johnson has returned to his home at Crookston, Minn., after spending several weeks in this city.

Frank Schramm's second addition of two Foley houses at Crystal Lake will be completed this week.

W. H. Smyth is making extensive alterations at his 3101 South Michigan avenue store.

Adam Kaspar, with George Reinberg, is spending his vacation at Kansas City, Mo.

Mrs. Wm. F. Schofield and children are spending the summer at Gogebic, Mich.

Louis Seilsky has opened a retail store at 6047 South Halsted street.

Miller & Musser are giving their store a new coat of paint this week.

J. J. Leborius, Duluth, Minn., was here this week on business.

George Gobel is no longer connected with Kennicott Bros. Co.

The W. E. Lynch Co. has been dissolved.

Visitors: Eddie Bock, Burlington, Ia.; J. B. Tucks, proprietor of the Flower Shop, Rock Island; Michael Stauch, with J. F. Wilcox & Sons, Council Bluffs, Ia.; J. L. Denmead, Marshalltown, Ia.; Chas. Siebrecht, Winona, Minn.; Samuel Seligman, representing Wertheimer Bros. Co., New York; K. T. Drayton, Terre Haute, Ind.; Sidney Beard, Detroit, Mich.

BIG CUT OF Specially Grown Summer Roses

All the Best Standard and Novelty Varieties. Large Flowers
on All Lengths of Stems Well Laden with Splendid Foliage.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cleveland.

JULY STARTS OFF ENCOURAGINGLY.

July business started very favorably and continued so throughout the week, although the "pep" has already begun to slacken up, and the demand, although fairly good, is not so brisk. Stock is plentiful in most lines. Carnations are only fair in quality, but are moving nicely. Roses are mostly short-stemmed, and with the exception of Kaiserin, arrive partly open. A few long and medium American Beauties arrive, with a good demand. Easter lilies are very abundant, and it is unnecessary to tell of the fate of many of these in this hot weather. Candidum and water lilies are in good demand, and of excellent quality. Sweet peas are also plentiful, but of poor keeping quality, but growers assure one the quality is improving. Rambler roses in sprays, pink, white and yellow, have met with a good call. There are plenty of outdoor flowers to select from, both as to varieties and colors. Greens are plentiful.

NOTES.

Last call for the florists' club picnic at Willough Beach park, July 20. The committee assures use there will be a good time for all, old or young, man or woman. Games for children will be a feature. All club members and out of town florists and gardeners are invited to make this a big day. The indoor baseball game will start at 1:30 and the programme of other events includes base ball, races for boys and girls, women and men, with special classes for those of much avoirdupois of both sexes. The ladies' nail driving contest, sack races and three-legged races are always amusing features, and the watermelon and pie-eating contests have not been forgotten. There will be a tug-of-war between the wholesalers and the retailers. Prizes are also to be awarded in the jumping contests, ball-throwing and the relay race for men in pairs. Captains of the ball teams will kindly communicate with Chas. Graham, chairman of the entertainment committee, promptly.

Andrew von Quiram, of the Cleveland Florists' Exchange, has been away on his vacation this week.

C. F. B.

Wholesale Florists S. MURATA & CO.,

Oldest and Most Experienced Shippers in Southern California.

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

Pittsburgh.

FUNERAL WORK SEASON'S MAINSTAY.

There is not much activity in the flower business here at present, due to the extremely warm weather we have been having. There still remains a good supply of roses, carnations, lilies and outdoor flowers, but the returns realized could be much more satisfactory. A fair business is being done in funeral work, which is really all that is keeping trade alive. The summer business lull is affording many the opportunity of getting away for a rest and a number are taking advantage of this.

NOTES.

The florists' and gardeners' club has arranged for a field day in Sewickley Heights, July 19. The train will leave the Pennsylvania station at 9:20 a. m. and Federal street station at 9:25 a. m. George Wessenauer and his committee will meet this train at Sewickley and arrange for the transportation of the party to the Sewickley Heights territory, and provide a noon-day lunch for all the members of the club who notify him by Monday, July 17. The Sewickley members of the club are anxious to show the boys all the places in their district that can be visited in the time allotted. Send your notification to George Wessenauer, Sewickley, Pa., that you will attend and you will be well taken care of.

Ross E. Adgate, C. C. Phillips and E. J. McCallum, all of the McCallum Company, left July 10 for a fishing trip in and around Fairmont, W. Va., on the Cheat river. George McCallum will leave July 20 with a delegation, headed for Wildwood, N. J.

The Saxonwald Greenhouses are erecting a large addition to their plant

at Castle Shannon. This will be the final enlargement, as 150,000 feet of glass is plenty enough to look after, according to Mr. Meuschke.

W. P. & S. L. Gallaher are now actively started in the retail business at their new location, 206 Fifth avenue, and are finding their opening days to be very satisfactory.

Joe Marks of the A. A. Arnold Paper Box Co., Chicago, and Frank J. Farney of the M. Rice Co., Philadelphia, were in town July 7-8.

G. M.

Detroit.

TRADE APPRECIATES CHANCE FOR REST.

Summer trade conditions now prevail—very little doing, but everybody seems glad to rest up after the termination of a very busy season which prolonged activities up to July 1. Very little stock of quality is now seen and the call for it is light. Some good Easter lilies are to be had, but the dearth of funeral work has caused this item to suffer, being little called for. Eastern grown American Beauties of good quality are on the market, but the demand is limited and the price correspondingly low, and the returns will be disappointing to the consignors.

Many of the local trade are planning for extended vacations. Philip Breitmeyer and wife have already departed for an all summer stay with their married daughter in Montana. Norman Sullivan is with a party of friends on an auto tour in the East, and Walter Taepke is preparing to leave shortly to enjoy his summer outing.

J. F. S.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

Louisville, Ky.

E. G. Reimers & Son Co., Inc., are tearing down some of their city green-houses and removing them to their country range. They report having better results in growing cut flower stock at the latter location. Last winter, carnations at the country place averaged 15 blooms to the plant, while the city average was only seven to eight and of poorer quality.

Freight and duty on nursery stock from Holland and Belgium are exceedingly high this year. On a shipment of small evergreens and rose plants invoiced at \$125, the freight and duty was \$189 and taking into consideration the cost of boxing, packing, etc., the charges amounted to nearly 200 per cent.

Andrew Rasmussen of New Albany, who bought some fine specimen evergreens in the east this spring and was unable to plant them in the location he had selected for them, now has them growing in tubs and they are in fine condition.

E. C. Walker has established a nursery and will specialize in evergreens best adapted for this locality. He is also a bee expert and as this has been a good honey season he will have several thousand pounds to dispose of.

The C. B. Thompson Co., Inc., had the order for the commencement flowers of the girls' high school, 150 in all, calling for shower bouquets of two dozen Killarney roses tied with tulle. The price was \$1.50 each.

In a damage suit resulting from a street car colliding with and wrecking a wagon loaded with plants belonging to F. Walker & Co. last spring, the street car company has been ordered to pay all damages.

The wet weather has interfered with the nursery trade here, with the result that it was not quite up to normal this season. Plant sales, however, were about 30 per cent better than in 1915.

The New Nanz & Neuner Co. is building a new rose house 32x150 feet. The Nanz & Neuner catalogue, which has been published for 50 years, was discontinued this spring.

Brady & Bryant are a new firm that are handling cut roses exclusively at wholesale. They handle good stock, their prices are right and they are doing a nice business.

The Jacob Schultz Co. has the classiest delivery vehicle in the city. The color is Persian lilac, the body of special design, with beveled plate glass panels.

Wood, Stubbs & Co. have added a nursery for trees and will grow perennials extensively. Their plantings to date occupy about 15 acres.

A. Leeming is sending in sweet sul-tans, sweet peas and Shasta daisies, which find a ready sale at good figures.

The F. Walker Co. will finish planting carnations and chrysanthemums this week.

H. G. W.

Paterson, N. J.

Edward Sceery was very busy during the past week with funeral work; in fact, he is busy all the time, as his two stores and his duties as president of the park board make him plenty of work.

Martin Werne has sold his range, located near Cedar Lawn cemetery,

Special Summer Assortment



25

CUT FLOWER BASKETS

\$7.50

Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,

713 Milwaukee Avenue,

CHICAGO

to a company of which Superintendent Hemisley of the cemetery is the president.

We found Conrad Fechter, 421 Main street, busy with funeral work. He has a nice corner store which makes a good appearance.

A. I. Veselius now confines his activities to his Paterson store, having closed his Ridgewood store some time ago.

Russell B. Stoutenborough's store at 227 Market street, is kept well stocked and he is doing a good business.

J. Smith has a prosperous retail store at 107 Market street.

A. F. F.

Fort Wayne, Ind.

Midsummer inactivity has followed the intense heat which has characterized the past week. Funeral work, however, has been in good demand. June business this year was very good both retail and wholesale, the total sales being much heavier than in the same month, 1915.

The Berrydale Gardens of San Jose, Calif., will be moved to this city in the near future. The firm conducts a wholesale and retail business in calla lily and freesia bulbs, hybrid tea roses, berry and carnation plants.

W. J. Vesey, representing the firm of W. J. & M. S. Vesey has purchased the orchid collection of George Field, Washington, D. C., valued at \$15,000.

Aaron Shive of the Flick Floral Co. is busy benching several houses to young Russell and Mrs. Shawyer rose plants.

Visitor: H. W. Herre, representing Poeschlmann Bros. Co., Chicago.

H. K.

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

State Florists Association of Indiana.

The annual outing of the State Florists' Association of Indiana will be held at Winona Lake, Ind., July 18-19, and the entertainment committee consisting of Fred A. King, J. D. Connor and Wm. Terrell, are leaving nothing undone to make this occasion one of the most enjoyable in the history of the association. The business session will be held on the afternoon of the first day and will be followed by a steamer ride on the lake and a banquet in the evening. The second day will be given over to entertainment and a splendid programme has been arranged. There will be games of all kinds for both children and grown-ups. Everything is free to florists and their families with the exception of the banquet, tickets for which are \$1 per plate.

Tewksbury, Mass.

A severe electrical storm, accompanied by high wind and hail, caused much damage to establishments of florists and vegetable growers in this vicinity July 2. At the range of A. C. Tingley, three houses were badly wrecked and a 6,000-gallon capacity water tower was carried 300 feet from its foundation. The range of Frank H. Farmer also suffered considerable damage and vegetable growers in the vicinity had much glass broken by hail.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

WEILAND & RISCH
GROWERS AND SHIPPERS
CUT FLOWERS
154 NO. WABASH AVE., CHICAGO
PHONE CENTRAL 879

A. T. Pyfer & Co.

WHOLESALE

Commission Florists

30 East Randolph Street, CHICAGO

ELKHART, IND.—Mrs. Emily E. Weaver, mother of Mrs. E. M. Bullock, well-known florist of this city, died at her daughter's home, June 26, aged 82 years. Mrs. Weaver was one of the local pioneers, having resided here for more than 60 years. Her husband, Nicholas Weaver, who died in 1901, was a prominent contractor and built many of the finest residences and business blocks in this city.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24 in.....	2 50
" " 20-in.....	2 00
" " 18-in.....	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short.....	4 00@ 6 00
" Hoosier Beauty.....	2 00@10 00
" Killarney Brilliant.....	2 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	2 00@10 00
" Millady.....	2 00@10 00
" Sunburst.....	2 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Double White Killarney.....	2 00@10 00
" Mrs. Moorfield Storey.....	2 00@10 00
" Champ Weiland.....	4 00@10 00
" Stanley.....	3 00@10 00
" Tipperary.....	3 00@10 00
" Frances Scott Key.....	3 00@10 00
" Bayard Thayer.....	3 00@10 00
" Cecile Brunner.....	2 00@ 3 00
" George Elgar.....	2 00@ 3 00
" Baby Doll.....	2 00@ 3 00
" Fireflame.....	4 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas.....per doz., 6 00@7 50	
Peonies.....	2 00@ 8 00
Asters.....	2 00@ 3 00
Dahlias.....	3 00
Lilium Harrisii.....	10 00@12 50
Mignonette.....	4 00@ 6 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Snagdragons.....per doz., 75@1 50	
Daisies.....	1 00@3 00
Calendulas.....	3 00@4 00
Ferns.....per 100, 1 50@3 00	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumous Strings.....each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprengerii, Plumous Soraya.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD STOCK BUT LITTLE DEMAND.

All the customers are away; that is the word from the trade in the center of the city, the past week being very dull. There were a few important funerals, but outside of this demand there was scarcely enough business to ripple the surface. The supply of flowers is very good for the season; there was never a better assortment and the quality is all that could be desired. The supply of roses is diminishing, as so many houses are now being dried off, but there are sufficient of good Russell, eastern American Beauties, Ward, Sunburst, Hadley, White Killarney and Maryland for all demands. Carnations of such quality that \$3 per hundred was obtained were seen, but the bulk sold for from one-third to one-half of that price. There is a great abundance of gladioli, southern greenhouse stock, some of it fine. All kinds of outdoor flowers, particularly sweet peas, are plentiful and very cheap. Lily of the valley is the only scarce item. Cattleyas are to be had in quantity at buyers' prices. There is the usual full supply of easter lilies. All the commission houses close now at noon Saturday and at five p. m. during the week, which course is also largely followed by nearly all the central cut flower stores.

NOTES.

The greatest problem of the rose growers is the selection of varieties for the coming season; the range of available sorts that have made good is steadily increasing and the risk is becoming something of the nature of a horse race to be able to pick the sorts that will be the favorites in next season's event. One of the successful younger growers is John E. Andre, of Doylestown. In his 60,000 feet of glass, he has confined himself to five varieties, Killarney, white and pink, Killarney Brilliant, Sunburst, and added Prima Donna this season. He has about 5,000 of each variety. Killarney Brilliant was his best bread-winner the past season. He has some splendid beds of Sunburst and also of Prima Donna, which are strong and vigorous, the picture of health. He aims to keep his bushes low, always pruning them well back. By this system of pruning he does not tie up his roses except one string around each bush to hold the branches together after they have been cut back. Numerous mulchings of manure are given during the season, none of the straw of which is removed, an added board being placed to hold it in—it gradually rots down and is taken up by the roots. All his watering when the stock is under way is with a more or less diluted manure water pumped under good pressure from a large tank. An artesian well over 200 feet deep has so far been an unfailing source of supply, but he is now adding as a reserve a large submerged cistern 13 x 80 feet and 14 feet deep, in which to catch all his greenhouse surface rain water. The last season's results have been very satisfactory to him. All his stock is handled by the Leo Niessen Co., being right at the railroad track, he has been able to get a siding run in, which

Wholesale Flower Markets

BOSTON, July 11.		Per
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, July 12.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Asparagus Sprengerii.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	15 00	
Candidum Lilies.....	4 00@ 5 00	

CINCINNATI, July 12.		Per 100
Roses, Beauty.....	per doz., \$0 75@ \$4 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., 6 00	
Gladioli.....	2 00@ 6 00	
Sweet Peas.....	25@ 5c	
Shasta Daisies.....	1 00	
Snapdragons.....	2 00@ 4 00	

is a great help in getting bulk shipments, such as manure and coal. By lengthening the siding he has made a coal yard and built up quite a business in this line on the side, enabling him as a dealer to get better service and also wholesale prices.

The postponed meeting on Tuesday last on account of the first Tuesday falling on the 4th, was for the season very well attended. The feature was the lecture of Dr. John Washburn of the National Farm School, Bucks County, Pa., on "How to Make Good Gardeners, Florists and Farmers Out of the Submerged Population of the Great Cities." It was a very good discourse, showing what can be done by intelligent work with inexperienced, but willing workers. It was well illustrated with appropriate lantern slides. The lecture was received with much interest and close attention, and at its close Dr. Washburn was given the thanks of the club.

Carl Cortis, of the Jos. Heacock Co.'s force, had a very serious case of in-

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

fection from a rose thorn, which looked serious for a while. He is now, we are glad to say, out of danger. His main worry is the date of the next florist club picnic. Can any one give this information?

H. Bayersdorfer & Co. are riding over submarines and all other sea obstacles, as is proved by the shiploads of stock recently received and which has necessitated additional warehouses. They are great believers in preparedness, knowing it is the best adjunct to business.

The M. Rice Co. has their new factory under roof and rapid work in the furnishing of the building is now looked for. Mr. Brunswick, their pop-

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

ular secretary, is coming along nicely from the results of his recent operation for appendicitis.

Now is the time to plant the carnation houses. Plants from the field are being handled in large quantities by the Leo Niessen Co. In cut flowers, Easter lilies, gladioli and cattleyas are features.

The new quarters of the Philadelphia Wholesale Growers' Exchange at 1615 Ranstead street, will soon be in readiness. They are a great improvement over their present location.

At Berger Brothers business is reported to have the full summer flavor, but pretty fair even at that. Choice gladioli in variety and high grade Easter lilies are specialties.

Edward Reid is enjoying himself in sorties with his southern customers. He sometimes has great fish stories to relate on his return.

Alfred Campbell is marketing the first flowers from his new Strafford farms. Good Easter lilies and carnations are a feature. K.

OTTAWA, ONT.—John Graham, of Graham Bros., who has been on the sick list for several weeks, is reported to be slowly improving.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, July 12	Per 100
Roses, Beauty, extra.....	20 00@25 00
" first.....	10 00@15 00
" Mrs. Chas. Russell.....	8 00@15 00
" Killarney.....	2 00@ 8 00
" White Killarney.....	2 00@ 8 00
" Liberty.....	5 00@10 00
" Hadley.....	4 00@12 00
" Sunburst.....	3 00@ 8 00
" Ophelia.....	3 00@ 8 00
" Hoosier Beauty.....	4 00@12 00
Carnations.....	2 00@ 4 00
Cattleyas.....	35 00@50 00
Callas.....	6 00@ 8 00
Lilium Harrisii.....	6 00@ 8 00
Sweet Peas.....	50@ 1 00
Snadragons.....	3 00@ 6 00
Calendulas.....	2 00@ 4 00
Mignonette.....	3 00@ 4 00
Gladioli.....	6 00@ 8 00
Larkspur.....	4 00@ 6 00
Asparagus.....per bunch. 50	

PITTSBURGH, July 12.	Per 100
Roses, Beauty, special.....	25 00
" fancy.....	20 00
" extra.....	15 00
" No. 1.....	8 00
" Killarney.....	2 00@ 8 00
" My Maryland.....	2 00@ 8 00
" Sunburst.....	2 00@ 8 00
" Mrs. Aaron Ward.....	2 00@ 5 00
" Richmond.....	3 00@ 8 00
Cattleyas.....	30 00
Lilium Gigantum.....	8 00
Spanish Iris.....	4 00
Carnations.....	1 50@ 2 00
Coreopsis.....	50
Larkspur.....	4 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch. 35@40	
Delphinium.....	4 00
Sweet Peas.....	50

MILWAUKEE, July 12.	Per 100
Roses, Killarney and W. Killarney.....	3 00@ 8 00
" Ward.....	3 00@ 8 00
" Mrs. Chas. Russell.....	6 00@20 00
" Ophelia.....	3 00@10 00
" Hoosier Beauty.....	3 00@10 00
Lilies.....	8 00@10 00
Cattleyas.....per doz., 6 00	
Sweet Peas.....	50@ 1 00
Carnations, fancy.....	1 00@ 2 00
Snadragons.....doz.....\$0.50@75	

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, July 12.	Per 100
" Killarney.....	2 00@ 4 00
" White Killarney.....	2 00@ 4 00
" Aaron Ward.....	3 00@ 6 00
" Sunburst.....	4 00@ 8 00
" Ophelia.....	4 00@ 8 00
" Hoosier Beauty.....	5 00@10 00
Cecile Brunner.....	2 00
Richmond Roses.....	3 00@ 6 00
Valley.....	4 00@ 5 00
Carnations.....	1 50@ 2 00
Callas.....	6 00@ 8 00
Lilies.....	6 00
Asparagus Plumosus, per bu., 25@75	
Ferns.....per 1000. 1 50	
Bronze Galax.....per 1000. 1 00	

New York.

BUSINESS AT LOW EBB.

The melancholy days have come,
The saddest of the year.

It was November the poet had in mind when he wrote the above, but it is applicable to the florist business of this city for the next two months. The weather is hot; a lot of poor stock is reaching the market and there is very little demand, even for good stock. Even the joys of "goin' a-swimmin'" have been nipped in the bud, for man-eating sharks are cruising along the New Jersey coast, and have already claimed two victims. Saturday, in the season, the best day of the week for the florists, is now the worst, and some stores, both wholesale and retail, are closing on Saturday afternoons, as nearly everybody that can get away leaves the city. There is funeral work, but, as was said of the twelve baskets: "What is that among so many?". American Beauties are plentiful enough, but many of them are poor. The best special stock has wholesaled at the rate of \$20 to \$25 per 100, but there are long stems with inferior buds that go as low as \$6 per 100. In tea roses there is always a demand for a limited amount of special stock, but what is left over and inferior stock goes a begging, the push cart men coming in for a good share of it. There is but little demand for lily of the valley, and inferior stock is unsalable. Lilies, too, are very cheap. Many of the carnations arriving are practically worthless. The peonies are out, but a limited supply of greenhouse asters is already arriving. Sweet peas continue plentiful and cheap. There is the usual variety of outdoor flowers for this season, but no prices can be placed on them.

July 10.—The market is very quiet this morning, with a surplus of stock and much of it going to waste. Practically all stocks are very cheap, and it is more a question of getting rid of it than of prices.

NOTES.

Charles C. Johnson, who has had much experience in the plant auction business, has formed a partnership with Charles Millang. The firm name is Johnson & Millang, Incorporated. They have taken a floor in the Coogan building, Sixth avenue and 26th street, and as soon as necessary alterations are made will open a plant store, starting auctions in the fall on Tuesdays and Fridays.

The wholesale firm of Moore, Hentz & Nash was dissolved, May 27, by the death of Jonathan Nash. The new firm is Hentz & Nash, Incorporated, with Henry Hentz, Jr., of Madison, N. J., as president. A son of the late Mr. Nash is in the new firm, and is, we believe, the secretary. A further statement will soon be issued.

Celestine Bourque, buyer for the Charles A. Dards retail stores, has gone to White Lake, N. Y., for a month's vacation. While there he will be glad to hear from his many New York friends. Frederick Evans, of the same firm, is also on a four week's vacation at Bradley Beach, N. J.

Meyer Othile, of the wholesale firm of Riedel & Meyer, Inc., has gone on a two weeks' vacation to the lake region of this state. Meyer is cautious and intends to do his swimming in fresh water, where there are no man-eating sharks.

John Reynolds, with Henry M. Robinson & Co., and Thomas Fredrico, with B. S. Slinn, Jr., are in the Catskill mountains for two weeks.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

Mention the American Florist when writing

Mrs. Bohe, wife of Charles Bohe and daughter of A. F. Kohlmann, both of whom are florists of Tomkinsville, S. I., died July 6.

Miss Rose Goldberg, bookkeeper for the United Cut Flower Co., Inc., 111 West 28th street, has gone on a vacation.

Miss F. Rubin, cashier for the New York Cut Flower Co., has gone on a two weeks' vacation to White Lake, N. Y.

M. N. Koebler, buyer for Wadley & Smythe, has gone to the Maine woods for a month's vacation.

Albert Wittmann, of Richfield, N. J., is bringing to the Cut Flower Exchange fine sweet peas.

We learn that the Bell Rosery, a retail business at 2654 Broadway, has made an assignment.

John Young & Co. are receiving good stock of Farquhar's Chinese lilies. A. F. F.

New Springville, S. I., N. Y.

Albert March, who bought the Prall range last February, is getting it in good shape and has a variety of good stock coming on. He is an experienced man, both as a florist and nurseryman, having for 14 years been a foreman for A. L. Miller, the well known florist and nurseryman of Jamaica.

Max Richter has a neat range and a plot of good land for gardening, and has been a successful grower of geraniums and other stock. For various reasons he has offered his place for sale.

George Dolterer, a young man who has been with Max Richter for a number of years, has leased the range formerly conducted by August Spies.

S. Kuhn is located at Bulls Head, near New Springville. He has a fine range and grows good carnations. A. F. F.

LANCASTER, PA.—The range formerly conducted by Frank A. Suter on South Queen street has been taken over by the Greenwood Floral Co., and will be managed by Alphonse Peters.

HOUSTON, TEX.—Returning to the same location where his mother and he started in business when he was a boy, W. W. Westgate will re-enter the florist business in this city, devoting most of his time to hardy outdoor stock. In addition to one-half block in the city, he has eight and one-half acres near the city limits.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR, INC.

PHONES: 558 101 W. 28th St.,
FARRAGUT 2036 NEW YORK
2037

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
POSTPAID.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones 1664 Madison Square, 1665 Square, 34 W. 28th St., New York
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301
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John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

J. J. COAN, Inc.
Wholesale Commission Florist
115 W. 28th St., New York
 Telephones: Farragut 5413 and 5891.
 CONSIGNMENTS SOLICITED.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED.
 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

	NEW YORK, July 12.	Per 100
Roses, Beauty, special	8 00@20 00	
" " extra and fancy	3 00@ 4 00	
" " No. 1 and No. 2	1 00@ 2 00	
" Prima Donna	1 00@10 00	
" Alice Stanley	50@ 4 00	
" Francis Scott Key	50@ 5 00	
" Mrs. Geo. Shawyer	50@ 4 00	
" White Killarney, special	3 00@ 4 00	
" Killarney, My Maryland		
" " special	3 00@ 4 00	
" " No. 1 and No. 2	50@ 1 01	
" " Queen	50@ 4 00	
" " Brilliant	50@ 4 00	
" Aaron Ward	1 00@ 6 00	
" Richmond	50@ 4 00	
" Sunburst	50@ 4 00	
" Taft	50@ 4 00	
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Milwaukee.

SUMMER BULLNESS AT HAND.

Business is gradually settling down to its regular summer gait. The supply of outdoor cut flowers is plentiful and the quality is good, helping to offset the shortage of indoor stock which is showing the effects of recent hot weather.

CLUB OUTING.

A large fire which caused a delay in the electric railway service, our only means of reaching the picnic grounds, and the nineteenth congress of the North American Skat League interfered with the attendance of the basket picnic at Kieppers' park, July 9. A noticeable fact was the absence of many of the so-called "old timers." Nevertheless, with ideal weather, the programme of events was run off and many beautiful and valuable prizes were awarded, and all who attended had a most enjoyable time. The following were among those who donated prizes: Schroeder Floral Co., Pittsburgh Plate Glass Co., Gimbel Bros., Schuster's, Boston Store, Wisconsin Plumbing & Heating Co., Dever Bros., Rauschenberger - Mueller Greenhouse Co., A. F. Kellner, Wm. Manke, Fox Point Floral Co., C. C. Pollworth Co., Nic Zweifel, J. Livingstone, C. Kamp, Edlefsen-Leidiger Co., A. Reinhardt, Kummer Floral Co., Holton & Hunkel Co., Heitman-Ostreicher Co., R. Lietz, Baumgarten Floral Co., Chas. Menger, Wm. C. Zimmermann, E. Welke Co., Currie Bros., G. H. Ackermann, Gust. Rusch Co., Hummel & Co., Downing, J. M. Fox & Son, Inc., Rose Semler and Fred Gutermuth. The awards were as follows:

Tug of war—Holton & Hunkel team.
Base ball—Cudahy team, score 11-4.
Race for women—Meta Kasten, 1st;
Lillian Hanisen, 2nd.
Fat men's race—A. F. Kellner, 1st;
A. Rendt, 2nd.
Peanut race—Ruth Voelzke, 1st;
Ione Zawodny, 2nd.
Girls' race—Pauline Gauger, 1st;
Ruby Kellner, 2nd.
Sack race—Hugo Marks, 1st; Grover Kash, 2nd.
Potato race (ladies')—Dora Gruenewald, 1st; C. Bauernfeind, 2nd.
Pie eating contest—E. Mecklenburg, 1st; L. Kornorowsky, 2nd.
Boys' race—W. Berndt, 1st; M. Samuel, 2nd.
Men's race—Clarence Retzlaff, 1st;
Hugo Marks, 2nd.
Melon eating contest—Ervin Walles, 1st; Wm. Wartgo, 2nd.

NOTES.

In the industrial parade during home-coming week the Waukesha Floral Co. decorated their delivery car entirely with fresh cut flowers, the color effect being red and blue, and were awarded the first prize.

Wm. C. Zimmermann, the Grand avenue florist, will be the delegate from the local aerie of Eagles at the convention which will be held at Savannah, Ga., August 11.

According to the will of the late J. M. Fox, James F. Fox becomes president and manager of the Milwaukee street store.

Walter Halliday, of the C. C. Pollworth Co., is enjoying a much deserved

Landscape Gardening



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Progressive florists recognize the growing importance of a knowledge of landscape art. We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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The Home Correspondence School
Dept. C. F., Springfield, Mass.

vacation and is spending the time fishing.

J. Seal, bookkeeper for the Holton & Hunkel Co., who has been on the sick list, reported for duty July 10.

Gust. Rusch spends his Sundays at his home on Cedar Lake.

E. O.

Los Angeles.

BUSINESS ASSUMES A QUIET TONE.

Market conditions here have suffered little change during the past week. Stock of all kinds is looking well. Some fine indoor carnations are seen, and dahlias, asters and gladioli are also of splendid quality and in good supply. Roses have also improved much during the past three weeks. It is noticeable, however, that business is getting more inactive.

NOTES.

Wolfskill Bros. & Morris Goldenson are handling carnations of exceptionally fine quality of the indoor kind. Also cornflowers and roses, in the latter especially noteworthy Ulrich Brunner, the Killarneys and September Morn. Trade here is reported fairly good.

Business continues good with the Redondo Floral Co. Part of the force are away and the rest are kept busy. Will Linzinbar, of this firm's staff, is spending his vacation at Catalina Island, where he is enjoying deep sea fishing.

O. C. Saakes, in addition to his usual supply of good stock, has been showing some extra fine Golden West dahlias. He reports trade a trifle quiet at present.

J. W. Wolters has been showing an unusually large display of Eucalyptus ficifolia; also salpiglossis in all their wonderful colorings.

The force at the Wright Flower Shop, Inc., celebrated the Fourth of July with an outing at Seal Beach.

S. Murata & Co. continue busy, sending many large shipments to the Rocky Mountain states.

G. H. H.

WHITESTONE, N. Y.—Oscar Haase has purchased the Bergen estate, consisting of about 12 acres, and plans to build an extensive range.

The Chrysanthemum Manual

By Elmer D. Smith.



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NEW CROP

Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag

Lyrata (Evergreen Oak Foliage)..... 2.50 per case

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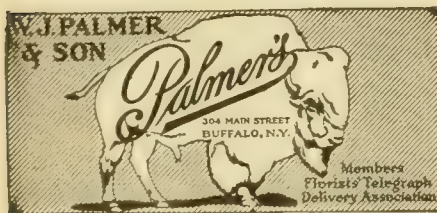
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Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Cbas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencle, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Penn, The Florist, Boston, Mass.
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Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyler & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Satelos, G., New York.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
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Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
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Ft. Smith, Ark.—George Rye.
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Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
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Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
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Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
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Newark, N. J.—Philips Bros.
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New York—G. E. M. Stumpp.
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Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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Deliveries to steamers and all Eastern Points.

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All orders carefully filled under the supervision of
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The Largest Growers of Flowers in City

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Special attention to Mail and Telegraph Orders.
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Orders properly cared for.

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All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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KANSAS CITY,
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FLOWERS

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The Palmer House
Florist
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1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

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Send Telegraph, Telephone or Mail Orders for florist service in this vicinity to

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484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

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310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

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Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,
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Telephone 1813 Main

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Cut Flower Market, Inc.

Floral Designs a Specialty

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

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California Florists

will take care of all telegraphic orders.

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Orders will be carefully
cared for by

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Wholesale and Retail Florist of GRAND RAPIDS
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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
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Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

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150 State St., SPRINGFIELD, MASS

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H. W. BUCKBEE.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

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WORCESTER, MASS.

Randall's Flower Shop,

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Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING
and HIGH, **Springfield, O.**
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.
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FREY & FREY,

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Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

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Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

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Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

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BRIGGS FLORAL CO.

228 W. Madison St.
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Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

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SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
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Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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5523 Euclid Ave.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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16 and 18 W. 3rd St.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Belgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

Disclaimer Resolution.

The following resolution was unanimously adopted at the annual convention of the American Seed Trade Association, held at Chicago, June 20-22, 1916:

Resolved, That this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

THE crop of Michigan beans for seed purposes was looking well July 9.

THE California bean crop is said to be short, due to drying winds and lack of rain in March and April.

VISITED CHICAGO: Arthur B. Clark, president of the Everett B. Clark Seed Co., Milford, Conn., westbound.

ST. PAUL, MINN.—L. L. May has returned from a Milwaukee, Wis., sanitarium greatly improved in health.

VAUGHAN'S SEED STORE, Chicago, reports the arrival of its first car of Lilium Formosum bulbs at Vancouver, July 1.

There has been a decline of 25 cents in the price of timothy during the past two weeks, due to favorable crop conditions.

CHICAGO.—Prices for grass seed on the Board of Trade, July 12, were as follows: Timothy, \$5.50 to \$7.50 per 100 pounds.

A. HENDERSON, of A. Henderson & Co., Chicago, and family made a four-day auto tour to Oconomowoc and Lake Geneva last week.

A. M. VAN DER SCHOOT, representing R. Van der Schoot & Son, Hillegom, Holland, expects to call on his firm's Chicago customers the latter part of July.

THE Georgia and Florida watermelon growers report prospects excellent, although the crop is somewhat reduced because of the high price of fertilizer.

PARIS, FRANCE.—Henri Louis de Vilmorin, of Vilmorin-Andrieux & Co., is reported to be in the French diplomatic service and in Holland at the present time.

LOUISVILLE, KY.—The heavy growth of white clover in the bluegrass section has made the bluegrass seed crop short.—Onion sets look favorable so far, notwithstanding the excessive amount of rain.

APHIS is active in the California sweet peas, according to the Braslan Seed Growers' Co., within two weeks of cutting time. Some onion crops in the river districts are reported as affected.

ACCORDING to the June crop report of the United States department of agriculture, the estimated value of clover as bought was \$12.14 against \$9.99 in 1915; as sold, \$9.98 against \$8.14 in 1915. Timothy is quoted as bought at \$4.04 as compared with \$3.46 and as sold at \$3.33 against \$2.75 a year ago.

Connecticut Seed Crops.

Orange.—On the tenth day of the month, while this is being written, the rain is coming down in torrents and we have to report one of the strangest week's weather ever known in June from the fact that for the past six days it has rained every day and every night, some days raining very hard, so that the ground is thoroughly soaked with numerous ponds of standing water, in some places covering growing crops. In many cases a man can hardly traverse the fields except in rubber boots, much less a horse, which means the weeds are making rank growth as well as the crops. It is fortunate, indeed, that we did not have this weather three weeks ago,



Kirby B. White

President American Seed Trade Association.

otherwise the corn would have rotted in the ground. As it is, sweet corn has made a good stand and now only needs the weather for cultivating and hoeing. Onion, beet, carrot, turnip and kale have all started off unusually well and present indications could hardly be better with an increased acreage on all the above items.

It looks as if Connecticut would again come into its own as a seed growing center and the widespread demand for these seeds would indicate a fair market and a return again to the balmy days in the seed growing business. The trade seems to be willing to pay a fair price, but with the high cost of labor, fertilizers, land and horses and everything that goes into the production of a crop, surely pres-

ent prices are warranted and even at the present level of values do not show anything too attractive in return for seed crops as compares with other crops that can be produced at so much less expense.

Number one loose, native timothy hay is selling at \$35 per ton, potatoes and onions at record prices and the season as far as it has progressed in the market garden line shows very much advanced prices for early vegetables over the prices of 1915.

S. D. WOODRUFF & SONS.

Stricker Seed Co., Asheville, N. C.

Securing a charter from the secretary of state, July 5, increasing its capital stock to \$30,000, the Stricker Seed Company of Asheville, N. C., located at 22 West College street, is undergoing a complete reorganization. The company will remodel its establishment, install new equipment and seed fixtures in preparation for an extensive mail order business in addition to a large wholesale and retail business. L. R. Stricker, the former proprietor, conducted the business at its present location for many years, but owing to ill health is forced to give up an active part in the management. D. P. Durban will succeed as manager of the store. Mr. Durban was in the seed business in Augusta, Ga., for 11 years, and for several years previously in Birmingham, Ala.

M. F. Hoffman is president of the newly organized concern, Mrs. Annie D. Martin is vice-president, and Stephen Adams, secretary. The other stockholders are J. G. Adams, J. G. Merrimon and L. R. Stricker. The store is on the corner of College street and Lexington avenue, and contains a basement and three large store rooms.

Henry Field Seed Co. Has Good Year.

At the annual meeting of the Henry Field Seed Co., Shenandoah, Ia., held July 3, the following officers were elected for the ensuing year: Henry Field, president; A. L. P. Thompson, vice-president; F. E. Tunnick, secretary-treasurer. The annual report shows the company to be in excellent condition. A dividend of 20 per cent was declared to stockholders, and the company also issued to employees a 10 per cent "labor dividend," based upon the amount of wages each received during the year. The company filled 133,652 orders during the past year, amounting to \$412,912, showing a substantial increase both in number of shipments and money value over 1915 sales.

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,
CHICAGO, ILL.

BARNARD'S Seed Store

231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

Wholesale Grass Seed Dealers' Ass'n.

The eighth annual convention of the Wholesale Grass Seed Dealers' Association, which was held at the Hotel Sherman, Chicago, was a well attended and enthusiastic meeting. President A. E. Reynolds, of Crawfordsville, Ind., wielded the gavel and carried out the programme in his effective way and introduced a recommendation which is bound to bear good fruit, namely a committee on trade rules, which was duly named.

William Jacot, New York, and Curtis Nye Smith, Boston, Mass., were unanimously elected to membership, following which the reports of officers and committees were heard, the report of the legislative committee, Wm. G. Scarlett, Baltimore, Md., chairman, proving of special interest. A special committee was named to draft resolutions on the death of Albert McCullough, Cincinnati, O., and through its chairman, George S. Green, of the Illinois Seed Co., Chicago, reported as follows:

McCULLOUGH RESOLUTIONS.

Whereas, In the death of Albert McCullough during the past year, the Wholesale Grass Seed Dealers' Association has lost one of its most active, capable and untiring members, be it

Resolved, That this association in convention assembled at Chicago, this nineteenth day of June, 1916, hereby expresses, not only its sense of loss as an organization, but also the heartfelt sorrow of each member individually, and be it further

Resolved, That these resolutions be spread upon the minutes of the association and that the secretary be instructed to transmit a copy thereof to the family of Mr. McCullough.

The resolutions were adopted by a rising and unanimous vote. Eloquent tributes were paid to the virtues of Mr. McCullough by Messrs. Green, Curtis Nye Smith and others. The report of Curtis Nye Smith, counsel for the association, was heard and approved.

At a meeting of the board of directors held June 19, the following officers for the ensuing year were elected: A. E. Reynolds, Crawfordsville, Ind., president; C. C. Massie, Minneapolis, Minn., vice-president; Wm. R. Jossman, Detroit, Mich., secretary-treasurer. John A. Smith, Toledo, O.; Geo. S. Green, Chicago, and E. T. Stanford were appointed committee on arbitration for the ensuing year. The present trustees are: Geo. R. Green, W. G. Scarlett and E. T. Stanford, expiring in 1917; C. C. Massie, J. Chas. McCullough and R. W. Pommer, expiring in 1918; A. E. Reynolds, J. H. Smith and M. H. Duryea, expiring in 1919, the latter elected at this meeting. The following committee was appointed on trade rules, its object being to standardize rules for business

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seed SPECIALTIES

Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF

Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

ENGLISH CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American trade for many years past is now in the United States and all mail should be addressed to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

BEANS, PEAS, RADISH AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Nignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

PANSY SEED

My Giant Pansy seed new crop now ready, contains the finest mixtures in superb colors all grown from selected stock. Try a pkt. of this seed you will not be disappointed. 1 pkt., 5000 seeds \$1.00; ½ pkt. 50c; \$4.00 per oz.; 3 ozs., \$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

CYCLAMEN!!

**ARE YOU INTERESTED?
WATCH US!**

**The St. Georges Nursery Company,
Harlington, Middlesex, England.**

**Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write**

**JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.**

**VALLEY
FROM STORAGE
H. N. BRUNS**

3032 Madison Street, CHICAGO

intercourse and conduct which will be accepted as the custom of the trade in arbitration and legal proceedings, and upon which contracts may be based: George E. Hays and J. W. Jefferson, Louisville, Ky.; F. W. Annin, Toledo, O.; M. H. Duryea, New York; D. I. Bushnell, St. Louis, Mo.; and Chas. Dickinson, Chicago. Curtis Nye Smith was retained as counsel for the coming year.

During the convention an interesting discussion was had on the subject of the status of ownership and determination of same in F. O. B. and C. I. F. transactions; also as to the New York and Virginia laws relative to tagging and labeling containers to describe contents thereof. A brief adjourned session was held on the morning of June 20, at which routine business only was transacted, the secretary's report having been delayed in transit.

At the closing meeting, June 20, two additional names were added to the arbitration committee, H. B. McCullough, Cincinnati, O., and Marshall H. Duryea, New York. The auditing committee, Messrs. Jefferson, Scarlett, and Wood, reported that the books of the treasurer were correct.

The Pacific Seed Company, Portland, Ore., was admitted to membership. The secretary was directed to communicate to the American Seed Trade Association officials the names of the legislative committee who would go to Minnesota to attend the seed analysts' meeting in July, and request that a like representation be named from the A. S. T. A. to appear jointly with the Wholesale Grass Seed Dealers' Association representatives before the official seed analysts' convention.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

-

England.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, NEBRASKA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

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LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

TOMATO SEED

Grown For The Wholesale Seed Trade.

**HAVEN SEED CO.
SANTA ANA, CALIFORNIA.**



Calceolaria Hybrid

Mixed Extra Choice. Our mixture is composed of the choicest selections of tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction.

1000 seeds, 50c., 3 tr. pkts. for \$1.35.

Cineraria

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.

Tr. pkt. (500 seeds) 50c., 3 pkts. \$1.40.

Mignonette

New York Market. The largest and best greenhouse variety. Pkt. (1000 seeds) 50c., oz. \$7.00, 1/2 oz. \$1.00.

Primula Sinensis

Vaughan's International Mixture. Pkt. (500 seeds) 50c., per 1/16 oz. \$3.50. All separate varieties.

We have a good supply of Orchid-flowering Sweet Peas for Christmas blooming. Also Morse's 1916 Novelties.

Ask for Complete Mid Summer List of Flower Seeds.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDSBORO, N. J.

Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market. Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100, \$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho MILFORD, CONN.

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

VAUGHAN'S PANSY 3 MIXTURES

"Cut Flower"

Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
Runs to Light Colors..... 25c 85c \$5.00 \$17.50

"Giant"

Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
Contains all the BIG ones..... 25c 60c \$4.00 \$14.00

"International"

Wonderful Per Trade Pkt. 1/8 oz. Oz. 1/4 lb.
in range of colors..... 50c \$1.50 \$10.00 \$35.00

Giant Flowered Pansies

	Trade pkt.	1/8 oz.	oz.
Adonis, light blue, with a white center.....	\$0.10	\$0.25	\$1.80
Andromeda, delicate apple-blossom .....	.15	.35	2.00
Beaconsfield, light lavender and rich purple....	.10	.30	1.80
Boulogne Giant, mostly 3 and 5 blotched, delicately veined; colors rich and varied.....	.50	2.00	....
Bugnot, shades of red.....	.15	.40	2.80
Emperor William, dark navy blue.....	.10	.25	1.40
Golden Queen, clear golden-yellow.....	.10	.25	1.50
Mad Perret, lovely shades of pink and rose.....	.10	.30	1.80
Masterpiece (Frisled Pansy). Petals beautifully waved; exquisite colors .....	.25	.75	5.00
Orchid-Flowered, the ground color is light, with large brown blotches which diffuse into rays and veins towards the edge.....	.20	.70	2.50
Orchid Flowered Almond Blossom, delicate rose .....	.25	.50	3.00
Orchid Flowered Mammoth, an odd combination .....	.25	.50	3.00
Orchid Flowered Superba. This is an improvement on the original Orchid Flowered mixed. ....	.25	.50	3.00
Psyche, the five velvety violet blotches are surrounded by broad white edge.....	.20	.50	3.50
Rosy Morn, a bright purplish crimson margined with a clear white edge.....	.25	.50	....
Siegfried, 5 spotted with a clear white margin. The colors are rich brown shades.....	.25	.50	3.50
White, very large, with violet eye.....	.10	.25	1.60
Yellow, immense flowers with dark eye.....	.10	.25	1.60
And fifty other named sorts. See Summer List Florists' Seeds.			

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, July 10.—Mushrooms, home grown, No. 1, 85 cents per pound; lettuce, cases 10 to 20 cents; radishes, \$1.00 to \$1.50 per 100 bunches; celery, 50 to 60 cents per box; tomatoes, four baskets, 60 cents to 75 cents; cucumbers, per box of 2 doz., 50 cents.

New York, July 10.—Celery, per 12-inch crate, 75 cents to \$4.00; cucumbers, 75 cents per dozen; mushrooms, \$2.00 to \$3.00 per 4-pound basket; tomatoes, 4 cents to 10 cents per pound; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per basket, 50 cents to 75 cents; rhubarb, per 100 bunches, \$1.00 to \$1.25.

Sweet Corn.

Last season we came across a plot of sweet corn which forced an old truth back to our mind; namely, the fallacy of using early varieties for late work. This is a common mistake; for we cannot calculate the number of days it takes to mature an early variety and subtract from a given date of early frosts in the fall. There are several reasons. One is that these early varieties all lack vigor to overcome the intense summer heat and often drouth during their early career; another, and one little understood, is that nature hastens maturity when there is danger of a short growth period. Thus, these varieties come premature—setting small and often worthless ears, in an effort to reproduce. It has been our experience that for late sweet corn there is nothing better than the strong variety, well timed. We have found Country Gentleman and Stowell's Evergreen the best for this purpose, and the date of last planting may vary from June 20 to July 10. In Ohio we may set July 1 as the surest date for late sweet corn, but sometimes under a warm late fall the latter date is better. Very often moisture conditions are unfavorable for the young corn, especially if interplanted among early potatoes, cabbages, etc. To help along we should therefore carefully thin the corn to proper distance, keep weeds down, and hoe and cultivate faithfully. An old grower told me once that the greatest enemy to fine corn is a perfect stand—he meant too many plants per acre.

MARKETMAN.

French Truffles.

The Journal of the Society of Arts gives an interesting account of how the truffles of Perigord and Sarladais are gathered for sale. The districts of Perigord (Department of Dordogne) and Sarladais are famous for their truffles. These highly prized fungi make their appearance during the first days of August, and are gathered from then to the end of March. They are found under a variety of oak called

the truffle oak (chene truffler), also near the evergreen oak (chene vert), and the hazel (noisetier). Those who make a specialty of gathering truffles are called "caveurs de truffes." They search for them with trained dogs or pigs, the animal locating the hidden truffle by scent. The truffles are gathered every day or two, and carried by the "caveur" to the nearest market town, where he sells them to commission merchants, who buy for the large dealers. The normal price for truffles is five francs per kilogramme (about 4 shillings per pound), but sometimes the "caveur" receives as much as 12 and 15 francs (nine shillings sixpence and 12 shillings per pound). The first-of-the-season truffles are called "truffles a la marque," and are inferior in quality to those gathered later. "Truffles a la marque" are black outside and white inside, and have little or no fragrance. With the appearance of cold weather the truffles improve in quality and acquire a greater fragrance. The fine quality truffle is black outside, black and gray grained inside (noire marbree). The truffles grown in Perigord and Sarladais possess the most fragrance, and are generally superior to those grown in other sections of France. In 1913—the latest year for which detailed statistics are available—France exported 451,500 pounds of fresh, dried and pickled truffles, 21,600 pounds of which went to the United States. These shipments had an average value of about five shillings sixpence per pound.—London Gardeners' Chronicle.

BELVIDERE, ILL.—Bert R. Lucas has resigned his position as manager of the B. E. Eldridge greenhouses to engage in other business.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AMERICAN SPAWN CO., St. Paul, Minn.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

Vegetable Plants

Celery, White Plum, Giant Pascal, and Golden Heart, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100; \$1 25 per 1000.

Cabbage, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Freesias California Grown



Vaughan's Improved
PURITY.



	Per 100	Per 1000
3/8-in. and up..	\$2.00	\$18.00
1/2-in. to 3/8-in..	1.75	15.00
3/8-in. to 1/2-in..	1.50	12.00

PURITY--True.

3/8-in. and up..	1.75	15.00
1/2-in. to 3/8-in..	1.25	10.00
3/8-in. to 1/2-in..	1.00	7.00

FRENCH FREESIAS

Ready for Delivery About July 25.

	Per 100	Per 1000
Jumbo, 3/8 in. and up.....	\$1.25	\$10.00
Mammoth, 1/2 in.....	1.00	8.00

Bulbs From Cold Storage

VALLEY PIPS

	Per 100	Per 1000
Holland Grown.....	\$17.00	
Danish ".....	20.00	
German ".....	25.00	

LILIAM ALBUM

	Per 100	Per 1000
8-9 inch.....	\$10.00	
9-11 inch.....	15.00	

Vaughan's Seed Store

CHICAGO

NEW YORK

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/8 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

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Or Winter Blooming



An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the Summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves, and for very early bedding, as well as for early cut flowers.

- 14. **WINTER SUN.** Golden yellow with dark eye.
- 15. **ICE KING.** Silvery white, with dark blue eye.
- 16. **CELESTIAL QUEEN.** Light or sky blue.
- 17. **CHARM OF MARCH.** Dark velvety blue.
- 18. **MIXED.** The above four colors with other shades and variations.

Each color separate or mixed, 500 seeds 50c, 1000 seeds \$1.00, 1/4 oz. \$2.00, 3/4 oz. \$3.75, 1 oz. \$5.00. For list and price of other Kenilworth Pansy Seed, see my ad. of July the 5th.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed, I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

Chas. Frost
Kenilworth,
N. J.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

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Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

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Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

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Wholesale price list will be mailed promptly on request.

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LARGEST GROWERS IN AMERICA

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Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

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GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

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High Class **PALMS**

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AZALEAS

We are wholesale growers of Azaleas Indica, well-shaped, healthy plants, well budded. The varieties are such as Madame Petrick, Madame Van der Cruysen, Simon Mardner, Vervaeneana, Empress of India, etc., etc.

We make a special offer, as follows:

Diam.	Per 100	Diam.	Per 100
Plants 10-12 in...	\$12.00	Plants 16-18 in...	\$ 40.00
" 12-14 in...	15.00	" 18-20 in...	60.00
" 14-16 in...	20.00	" 20-22 in...	80.00
" 15-17 in...	30.00	" 22-25 in...	100.00

Firms unknown to us are requested to send references with their orders, which should be addressed to

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Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

American Association of Nurserymen.

PRESIDENT WELCH'S ADDRESS.

President Welch, in his able address delivered at the forty-first annual convention of the American Association of Nurserymen at Milwaukee, Wis., June 28-30, a synopsis of which was given in these columns last week, brought out a number of points that were received with much interest by the members in attendance, among the more important being the following:

Legislation.—The work of the legislative committee has been greatly benefited by the employment of Hon. Curtis Nye Smith, Boston, Mass., as general counsel for the association. He has given careful attention to all legislative questions which have arisen during the year, one of the most important being the question of quarantine by the federal horticultural board against the importation of currants and gooseberries on account of the white pine blister rust. The board also seriously considered quarantine against these products from the eastern section of the United States into other states.

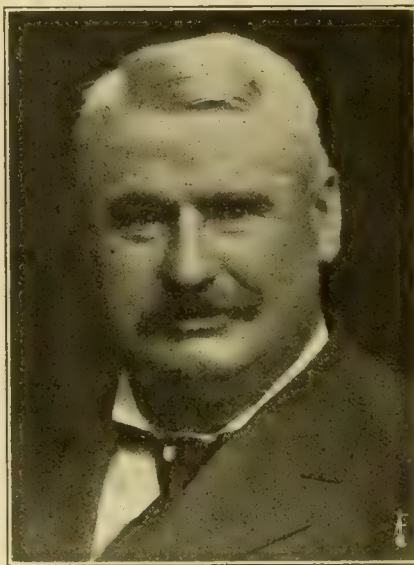
Transportation.—On June 1, 1915, rates on carload lots in the official classification were advanced from the fifth class to the fourth class in spite of protests of the shipper. C. M. Sizemore, chairman of the transportation committee, has worked faithfully during the past year to have the former rating restored, but so far has not succeeded. An organized effort should be made to secure a minimum of 14,560 pounds for small cars in both official and southern classification territory. Shippers will find this minimum a decided advantage in western territory, and I am confident it is an advantage to the railroad companies. It encourages carlot shipments, thereby saving the expense of loading, transferring and hauling of many local shipments by employees. It also insures more prompt delivery, a great advantage to both carrier and consignee.

Tariff.—Personally, I favor an advance in the rate on nursery stock not otherwise specified in order to check the importation of foreign stock and give greater protection to the American grower. A large amount of nursery stock is imported annually that can be grown and sold at a profit by American nurserymen at prices we pay for it abroad, after adding the cost of delivery and duties.

Arbitration.—The Detroit convention provided for an arbitration committee, through which disputes among members of the association may be settled without expensive law suits. I wish to impress upon you the wisdom and fairness of arbitrating all disputes that may arise. The committee is composed of fair-minded men of the highest type, well qualified to act as

arbitrators. This committee serves without compensation and the men composing it only exemplify the loyalty of our membership.

Free Distribution of Nursery Stock.—In some sections of the United States government experiment stations are undertaking the free distribution of nursery stock. In one case which has come to my attention a large railroad corporation has established a nursery with the idea of distributing its products without charge to people living along its lines. County demonstration agents have in some instances undertaken to provide their people with stock at the actual cost of growing, the legitimate expense of advertising, personal solicitation, placing of stock, etc., to be paid out of state and federal funds. The practical effect of this is disastrous to the nursery business, creating the impression that



Peter Youngers, Geneva, Neb.
Treasurer American Association of Nurserymen.

nurserymen, who are doing business in a legitimate manner, are selling at exorbitant prices. Our state, district and national organizations should co-operate in every way possible to prevent such practices.

Nomenclature.—The committee on nomenclature has been very active and has done much toward making their work permanent. It has arranged for definite co-operation with other organizations of a similar character, and is in a fair way to secure an appropriation of \$3,000 by congress to promote the work.

Publicity.—This is one of the many important questions that we have discussed for some time, and many of our progressive nurserymen believe that the time for action has arrived. It is a big question, and deserves our best attention. Publicity in many other lines of business has been productive of very profitable results, and if we can largely increase the interest in and the demand for our products throughout the nation by a reasonable expenditure of money through systematic publicity, it should be worthy of a trial, providing some practical method of securing the necessary funds can be devised.

Unclaimed Nursery Stock Regulations.

In accordance with a recommendation of the secretary of agriculture of the United States, instructions have been issued to the effect that unclaimed nursery stock may be sold without the certificate of an officer of the department of agriculture under the following conditions:

(1) Where the collector shall find that a permit has been issued by the department for the nursery stock.

(2) That foreign certificates of inspection are attached to the containers, and

(3) That the latter are plainly marked to show the general nature and quantity of the contents, the name and address of the exporter, the name and address of the consignee, and the country and locality where the stock was grown.

Unclaimed nursery stock not complying with the requirements mentioned above to be destroyed under customs supervision.

Park Supts. Annual Convention.

The executive committee of the American Association of Park Superintendents has fixed the date for the holding of the eighteenth annual convention of that organization at New Orleans October 10-12.

A program of lectures and papers is being prepared, to be presented by eminent men connected with the park and recreation movement. There will also be numerous social features, outdoor demonstrations and inspection trips, and inasmuch as this will be the first convention of the organization in a city south of Washington, D. C., it is expected that it will be a record breaker in the matter of attendance, because the trip to the south will be a popular one in October and there will no doubt be a large attendance of park executives of cities of the south, which have been advancing rapidly in recent years in the way of park development.

Wm. Allen, secretary of the New Orleans Association of Commerce, is chairman of the local committee on arrangements. Announcement will be made later of the convention programme in detail. The officers of the organization are: Emil T. Mische, Portland, Ore., president; Roland W. Cotterill, Seattle, Wash., secretary.

Aesculus at the Arnold Arboretum.

Aesculus discolor.—It is fortunate that the scarlet-flowered variety (var. *mollis*) of this buckeye is hardy here, for the flowers are not surpassed in brilliancy by the flowers of any other horse-chestnut. On the typical *Aesculus discolor* the flowers have a red calyx and yellow petals generally more or less flushed with rose. This is a much less common plant than the variety *mollis* on which both the calyx and the corolla are bright red. This is a very common plant in Georgia and Alabama and ranges west to southeastern Missouri and to eastern Texas. It is the only red-flowered buckeye which has been found west of the Mississippi river, and it sometimes reaches the size and assumes the habit of a small tree. On the Edwards plateau in western Texas there is a yellow-flowered form (var. *flavescens*) which, because it has yellow flowers, was long mistaken by botanists for the Appalachian tree buckeye, *Aesculus*

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
1830

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Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

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Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

**TREE, SHRUB
AND PALM . .**

SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

**GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES, CALIF**

**2½ and
4-inch pot**

ROSES

In Good Assortment.

**THE LEEDLE FLORAL COMPANY,
SPRINGFIELD-OHIO.**

octandra. *Aesculus discolor* and its varieties can be distinguished from the other American species by the soft covering of pale down on the lower surface of the leaflets, and from all species of the genus except *Aesculus californica* by the pale orange-brown color of the seeds. *Aesculus discolor*, var. *mollis*, is just coming into flower in the large bed in the rear of the horse-chestnut group on the right hand side of the Meadow Road. Here it is growing with several plants of

Aesculus georgiana.—This shrub, which is a native of central Georgia, is covered again with its compact clusters of yellow and rose-colored flowers. Perfectly able apparently to support the new England climate, this buckeye is one of the handsomest and most interesting southern shrubs which the Arboretum has made known and introduced into gardens.

Aesculus Briotii.—This French form of the so-called red-flowered hybrid horsechestnut (*Aesculus carnea*) is in flower in the collection. It is the most brilliantly colored of all the forms of *Aesculus carnea*, and few trees hardy in this climate bear such showy flowers. It begins to flower when not more than 10 feet high; it is perfectly hardy, and it should be seen more generally in American gardens.—Arnold Arboretum Bulletin, June 2, 1916.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK



**JAPANESE
TEA GARDEN
—AND—
ROCKERY**
For your summer house,
made in a short time,
T. R. OTSUKA,
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For the Best New and Standard

DAHLIAS

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Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

**ROSES, CANNAS
Shrubbery**

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West Grove, Penna.

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BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

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Evergreen Specialists Largest Growers in America
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and IRIS**

Catalog now ready.

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Our Guarantee

We will replace with three all plants not proving true to description.

Mention the American Florist when writing

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Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

PAINESVILLE, - OHIO

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WHITE PERFECTION.....	\$4.50	\$40.00
ENCHANTRESS.....	4.50	40.00	WASHINGTON.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
ROSE PINK ENCHANTRESS,	4.50	40.00	BEACON.....	5.00	45.00

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30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

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Now Ready from 2 1/4-inch pots.

COMMERCIALS.

Golden Queen, Antique, Unaka, Marigold, Smith's Advance, Major Bonaffon, Golden Glow, Pacific Supreme, Naomah, Smith's Sensation, Early Frost, Oconto, Col. D. Appleton, Harvard, Edwin Seidewitz.

\$3.00 per 100; \$25.00 per 1000.

Chadwick Improved, Odessa, Eiberon.

\$4.00 per 100; \$35.00 per 1000.

SINGLES.

Stanley Ven, Allegheny, Mrs. E. D. Godfrey,

Polly Duncan, Clea, Miss Isabelle.

Price, \$3.00 per 100; \$25.00 per 1000.

Not less than 25 of a variety at hundred; 250 of a variety at thousand rate.

Reference or cash from unknown correspondents. These prices are to those in the trade only.

ELMER D. SMITH & CO.,
ADRAIN, MICH.

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

Lawrence and Winnipeg Avenues.

SAN FRANCISCO, CALIF.

Mention the American Florist when writing

Boxwood Plants IN TUBS

	Each	Pair
PYRAMIDS— 2 1/2-ft.....	\$2.00	\$3.75
3 -ft.....	2.50	4.50
3 1/2-ft.....	3.50	6.00
4-ft.....	4.50	8.00
BUSH— 2 1/2-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS— 10-inch (out of tubs), doz., \$3.00; 12-in., doz., \$4.00		
18-20-inch stem, 12-inch ball tops.....	3.00	5.50
12-in stem, 12-in. crown.....	1.25	2.25
14-16-in. stem, 12-in. crown.....	1.50	2.75
GLOBES— 15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.

EUONYMUS

	Each	Doz.	100
GOLDEN— 12-inch.....	\$0.45	\$4.50	\$35.00
18-inch.....	.75	8.00	50.00
GREEN— 18-inch.....	.50	5.00	45.00

AUCUBA JAPONICA

	Each	Doz.	100
VARIEGATED— 12 to 18-inch.....	\$0.60	6.00	50.00

Ampelopsis Veitchi, 3-yr., Pot-Grown, Doz., \$3.00; 100, \$20.00

VAUGHAN'S SEED STORE, CHICAGO
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Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots, \$1.00 per doz., \$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

ELMER RAWLINGS,

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ALLEGANY, NEW YORK.

Ipomoea Noctiflora (MOONVINES)

2 1/2 in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

25,000 Chrysanthemums READY NOW

In over 20 varieties: early, medium and late, from 2 and 2 1/4 inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$13 per 1,000. Elmer Rawlings, Allegany, N. Y.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis.

ASPARAGUS.

ASPARAGUS—TWO BARGAINS.
Asparagus Sprengeri, 2½-in., ready for 3-in., \$2.50 per 100; \$20 per 1,000.
Asparagus plumosus seedlings, extra good, \$6 per 1,000.

VAUGHAN'S GREENHOUSES,
Western Springs, Illinois.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. For sizes and prices see advertisement elsewhere in this issue. Adriaenssens Freres, Loochristi, Belgium.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 2½-in. \$5.00 per 100
Xmas Red, 3-in. 8.00 per 100
Erfordii, 2½-in. 3.00 per 100
Erfordii, 3-in. 6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
Chatelaine, 3-in. 8.00 per 100
Prima Donna, 2½-in. 3.00 per 100

Vernon, Erfordii, Prima Donna, Luminosa and Extra strong plants all in bloom.
Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed.
ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Lorraine, 2½-in. pots. \$ 12.00
Cincinnati, 2½-in. pots. 15.00
Mrs. J. A. Peterson (new), 2½-in. pots. 25.00
Per 1,000 200.00
JULIUS ROEHR'S CO., Rutherford, N. J.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000. Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kasting, Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, strong 2½-in., \$4.50 per 100; \$40 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

TUBEROUS BEGONIAS, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed.
ERNEST ROBER, Wilmette, Ill.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, i. o. b. Dundee, Ill.

BUSH SHAPE—10-12-inch, balled, 35c each; 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC.,
Box 404, Dundee, Illinois.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood. For shapes, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BULBS.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, Freesias, California and French grown. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS.

CANNAS. Divided roots, \$2.00 per 100; good varieties. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia, Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Use Zenke's New Plant Life. The chemical liquid, phosphate, fertilizer; a real strength flower-fruit producer. 1 gal. suff. for 300 gals., \$2.50.

Zenke's Liquid Fungicide. Destroys and prevents absolutely rust and all other fungoid troubles. 1 gal. suff. for 50 gals., \$2.50.

C. O. D., check or money order, F. O. B. ZENKE'S LABORATORIES,

4026 N. Kedvale Ave., Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. Far varieties see advertisement elsewhere in this issue. The Leo Nissen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Col. D. Appleton, yel., \$2.00	\$18.00	\$2.00 \$20.00
Ronnaffon, yellow,	2.00 18.00	2.00 20.00
Intensity, red,	2.00 18.00	.....

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of pompoms in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Lulu, white,	\$2.00 \$18.00	.....
Baby, yellow,	2.00 18.00	\$2.50 \$20.00
Overbrook, yellow,	2.00 18.00	2.50 20.00
Mrs. Astor, yellow,	2.00 18.00	2.50 20.00
Sabey, yellow,	2.00 18.00	2.50 20.00
Cubit, tan,	2.00 18.00	2.50 20.00
E. D. Godfrey, pink,	2.00 18.00	2.50 20.00
Croesus, bronze,	2.00 18.00	.....
Tiber, brown and red,	2.00 18.00	.....
Quinola, yellow,	2.00 18.00	2.50 20.00
Pretoria, yellow,	2.00 18.00	2.50 20.00
Zenobia, yellow,	2.00 18.00	.....
Mary Richardson, terra cotta,	2.00 18.00	.....
Aglol, variegated,	2.00 18.00	2.50 20.00
H. Hicks, brown,	2.00 18.00	2.50 20.00
Mrs. F. Beu, bronze,	2.00 18.00	2.50 20.00
Sylvia, red,	2.00 18.00	.....
Sydania, yellow,	2.00 18.00	2.50 20.00
Miss Julia, yellow,	2.00 18.00	2.50 20.00
Lillia, red,	2.00 18.00	2.50 20.00
Sour, Melannia, pink,	2.00 18.00	.....
Diana, ....	.....	2.50 20.00
Golden Climax,	2.00 18.00	.....

WIECTOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemums. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Use now for healthy roots, stronger plants, more flowers Zenke's New Plant Life. The chemical, liquid, phosphate fertilizer. 1 gal. suff. for 300 gals., \$2.50.

Zenke's Liquid Fungicide will absolutely end all your fungoid troubles. 1 gal. suff. for 50 gals., \$2.50. C. O. D., check or money order, F. O. B.

ZENKE'S LABORATORIES, Chicago.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen, giant flowered, 3-in. in 5 separate colors, \$8 per 100. A. Henderson & Co., 211 N. State St., Chicago.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

Cyclamen, The St. George's Nursery Co., Harrington, Middlesex, England.

DAHLIAS.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williams-town Junc., N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Seven-inch Boston Ferns, \$9.00 per dozen; eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK GREENHOUSES, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz. R. Vincent, Jr., & Sons Co., White Marsh, Md.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Fischer's Purity Freesia, direct from responsible grower. Cash. Express paid. ¾-in., \$2.00; ½-in., \$4.00; ¼-in., \$6.00. BROWN'S BULB RANCH, Capitola, Calif.

FUCHSIAS.

For White Fly use the reliable Zenke's Comp. Plant Insecticide, 1 gal. suff. for 30 to 60 gals., \$1.50. C. O. D., check or money order. F. O. B.

ZENKE'S LABORATORIES, Chicago. 4026 N. Kedvale Ave.,

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viand, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wyllie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Viand and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

Geraniums, strong, healthy 4-in. stock in bloom. Poitevine, Ricard, Nutt, \$7 per 100. J. A. Budlong, 184 North Wabash Ave., Chicago.

GERANIUMS.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE. 2-in., strong, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

Hydrangeas, 50c, 75c and \$1.00 each; larger specimens, \$3.00 to \$5.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

IRISES.

German Iris, strong divisions. For July and August planting. For varieties and prices see advertisement on front cover of this issue. Vaughan's Seed Store, Chicago and New York.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. HARRY HEINL, West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

Boston Ferns, 3-in., \$8 per 100. A. Henderson & Co., 211 N. State St., Chicago.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily of the valley, from storage. H. N. Bruns, 3032 Madison St., Chicago.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Hancock Co., Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, for July and August delivery. Fine stock plants, true type, 2½-in., \$6 per 100; \$50 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Poinsettias, strong 2½-in. (True Christmas type), \$6 per 100; \$50 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

PRIMULAS.

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. ERNEST ROBER, Wilmette, Ill.

Primula Malacoides, 3-in. pot plants, fine, \$4.00 per 100. F. WALKER & CO., 312 W. Chestnut St., Louisville, Ky.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00
White Killarney	4.00	35.00
American Beauty	5.00	45.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081. 162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Ophelia, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond. Write for prices. Poehlmann Bros. Co., Morton Grove, Ill.

Use Zenke's New Plant Life. The chemical liquid, phosphate, fertilizer, a real strength flower-fruit producer. 1 gal. suff. for 300 gals., \$2.50.

Zenke's Liquid Fungicide destroys and prevents absolutely mildew and all other fungoid troubles. 1 gal. suff. for 50 gals., \$2.50.

C. O. D., check or money order. F. O. B. ZENKE'S LABORATORIES, Chicago. 4026 N. Kedvale Ave.,

ROSE PLANTS.

4,000 strong 2½-in. Pink Killarney, \$20 per 1,000. 4,000 White Killarney, Bench Plants, \$20 per 1,000.

GEORGE REINBERG,

162 North Wabash Avenue, Chicago.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

Rose plants. White Killarney, grafted, \$7.50 per 100; \$50 per 1,000. Killarney Brilliant, own root, \$4 per 100; \$35 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

ROSES.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses. 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Gove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington; Home office, Sioux City, Iowa.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Burpee's Early or Winter-Flowering Spencers. For varieties and prices, see advertisement elsewhere in this issue. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds — Calceolaria hybrida, Anerania, Mignonette, Primula sinensis and pansy. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices, George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohnert, Gilroy, Calif.

Seeds. Winter-flowering Spencer Sweet Pea. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York, N. Y.

Seeds, Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

SEEDS.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

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Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. For the wholesale trade only. Braslan Seed Growers Company, San Jose, Calif.

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Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

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Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

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Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

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Crawback Co., George W., New York.
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Ford, William P., New York.
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Hoerber Bros., Chicago.
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Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
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Kuehn, C. A., St. Louis, Mo.

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McCallum Co., Pittsburgh, Pa.
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Miller & Musser, Chicago.
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N. Y. Cut Flower Exchange, New York.
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Randall Co., A. L., Chicago.
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Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
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Thompson Carnation Co., J. D., Joliet, Ill.
Touner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
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Welch, Patrick, Boston, Mass.
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No. 2. price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.

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No.	Diam.	Ea.	Doz.	100
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20	18 in.	1.45	15.50	130.00
30	16 in.	1.10	12.25	100.00
40	14 in.	.70	7.75	60.00
50	12 in.	.50	5.50	45.00
60	10 in.	.40	4.40	35.00
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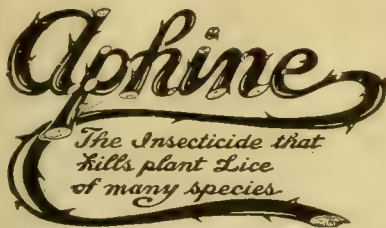
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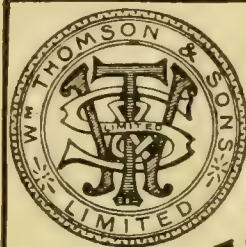
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MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

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